HKL/TAL/MOEF/26-27/01

Date:01.06.2026

Jt. Director

Ministry of Environment and Forests

Regional Office (WCZ), Ground Floor

East Wing, New secretariat Building,

Civil Lines, Nagpur-440001

Tel.No.0712-2531318

Sub: Half Yearly report for the expansion of pesticide unit of Hikal Ltd.-Taloja.
(Dec.2025 to May.2026)

Ref: Environment Clearance letter: J 11011/63/2007/IAII(I) Govt. of India New Delhi 28th August 2007

Dear Sir,

With reference to the above, we hereby submit the half yearly report for the perusal and records.

We hope you will find the same in order.

Thanking You,

Yours Faithfully

For Hikal Limited -Taloja

Authorised Signatory

Encl:

1)Ambient Air analysis reports

2)Stack Emission monitoring reports

3)Workplace monitoring reports

4)Effluent analysis

5)Summary of Yearly Annual Medical Check-up April-2026(Form 7)

**Hikal Ltd.**

Factory : T - 21, MIDC, Ind. Area, Taloja - 410 208, Dist Raigad, Maharashtra, India. Tel. : +91-22-3099 0100

Admin. Office : Great Eastern Chambers, 6th Floor, Sector 11, CBD Belapur, Navi Mumbai - 400 614, India. Tel. : +91-22-6277 0299, +91-22-6866 0300

Regd. Office : 717, Maker Chamber - 5, Nariman Point, Mumbai - 400 021, India. Tel. : +91 22-6277 0477, +91-22-6277 0500.

www.hikal.com info@hikal.com CIN : L24200MH1988PTC048028

**COMPLIANCE OF ENVIRONMENT CLEARANCE CONDITIONS**
**For Expansion of HIKAL LTD., MIDC Taloja, Maharashtra**
**Accorded by Ministry of Environment and Forests ( I.A. Division )**
**F. No. J – 11011/63/ 2007- IA II ( I), Government of India New Delhi,**
**Dt. 28th August 2007**

A. **SPECIFIC CONDITIONS**

| | |
|---|---|
| i.) Dust collectors and venturi scrubbers shall be provided to control particulate emissions. | We have provided dust collectors in the packing system for the control of particulate emissions.<br><br>Ventury scrubbers are provided for scrubbing of gas. For other process emissions and storage tank vents packed bed scrubber provided.<br><br>Cleaning of filters is being carried out on regular basis. |
| ii.) Fugitive emissions in the work zone environment shall be periodically monitored for specific pollutants like solvents, VOC, HCl, $SO_2$ etc. with instruments of proper range. The flue gas emissions shall confirm to the standards prescribed by the MPCB. | Workplace monitoring is carried out on monthly basis for VOCs with calibrated instruments. Reports are well within limit, Copies are attached.<br><br>Flue gas monitoring is carried out by MoEF approved laboratory. Reports are well within limit, Copies are attached. |
| iii) Total water requirement from MIDC supply, effluent generation shall not exceed 1162 $m^3$/day as per the permission accorded by the MIDC. The waste water generation shall not exceed 717 $m^3$/day and treated for primary, secondary and tertiary treatment. Treated effluent shall be sent to common effluent treatment plant (CETP) for further treatment. The quality of the treated effluent shall confirm to the standards prescribed by the MPCB/EPA Rules. Toxicity Factor – 4 (TF – 4) test shall be carried out as per the latest CPCB guidelines. | The water requirement from MIDC supply and Effluent generated is not exceeded than the permission granted.<br><br>We have full-fledged Effluent Treatment Plant comprising of Primary, Secondary and Tertiary treatment and final effluent is sent to CETP for further treatment and disposal.<br><br>ETP outlet effluent testing is ongoing as per consent parameters.<br>We are unable to identify any lab engaged in carrying out analysis of Toxicity Factor-4 test. We have communicated the same to MPCB and requested to suggest us competent lab engaged in analysis of Toxicity Factor -4 test. |

| | |
|---|---|
| iv) The solid waste shall be segregated according to its calorific content and stored separately, for treatment and disposal. ETP sludge, evaporation salts, spent carbon etc. shall be incinerated in the common incineration facility installed at TSDF at Taloja, Maharashtra and no incinerator should be installed at the project site. Used oil and batteries shall be sold to authorized recyclers. | Solid wastes are segregated and stored in isolated dedicated storage area.<br><br>We are the member of Mumbai Waste Management Limited- Taloja (CHWTSDF) and presently all segregated hazardous waste is treated and disposed off scientifically at their facility. Incinerable Waste sent to CHWTSDF at Taloja only.<br><br>Used oil and batteries are being sold to authorized recyclers as per the PCB guidelines. |

**B. GENERAL CONDITIONS:**

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|---|---|
| i.) The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board ( MPCB), and the State Government | We are complying with all the MPCB and state Government norms and in future also will comply in the same way. |
| ii) No further expansion or modifications in the plant should be carried out without prior approval of Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this ministry for clearance, a fresh reference shall be made to the Ministry to assess adequacy of the conditions imposed and to add additional environmental protection measures reqd., if any. | No Expansion or modification will be carried out without prior approval of Ministry of Environment and Forests. |
| iii) The gaseous emissions ($SO_2$, NOx, HC, HCl and $Cl_2$) and particulate matter from various process units shall confirm to the standards prescribed by the concerned authorities from time to time. At no time, the emission levels shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. | Gaseous emissions like $SO_2$, NOx, and Particulate matter are monitored on monthly basis from MoEF approved laboratory.<br><br>We are complying all the standards prescribed by the concerned authorities from time to time. Utmost care will be taken in future also in order to avoid any deviations. |

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| iv) The process emissions ($SO_2$ and HCl) shall be scrubbed by caustic or wet scrubber from all the stacks. Vents from scrubbers and condensers shall be periodically monitored and maintained as per the best practicable technology. The VOC emissions generated due to use of organic chemicals from various reactors shall be controlled by installing chilled water and chilled brine condenser system to condensate the organic vapors to recycle and reuse in the process. | Stacks with Process emissions (SO2 and HCl) are connected to caustic / wet scrubber. Vents from scrubbers and condensers are monitored on monthly basis through MOEF approved Laboratory and found meeting stipulated norms<br><br>Organic vapors are condensed and recycled to the process by using chilled brine & chilled water condensers and recycled / reused in process. |
| v) Adequate number of influent and effluent quality monitoring stations should be set up in consultation with the MPCB. Regular monitoring shall be carried out for relevant parameters. | Quality of influent and effluent is analyzed for relevant parameters regularly in our full-fledged laboratory for the effective operation effluent treatment plant |
| vi) As per Charter on Corporate Responsibility on Environment Protection the bio-assay test shall be replaced by Toxicity Factor test method developed by CPCB. | ETP outlet effluent testing is ongoing as per consent parameters.<br><br>We are unable to identify any lab engaged in carrying out analysis of Toxicity Factor-4 test. We have communicated the same to MPCB and requested to suggest us competent lab engaged in analysis of Toxicity Factor -4 test. |
| vii) All the solvent recovery condensers should be cooled with low temperature brine to reduce solvent loss to the environment. Spent solvent shall be recovered as far as possible & recovery shall not be less than 95%. All venting equipments shall have vapour recovery system. Reactors shall be provided with mechanical seal to handle the odorous chemicals. Actions shall be taken to reduce the air emissions in the work zone environment as far as possible. | A solvent recovery system is provided to reduce the solvent loss to less than 5 per cent and all venting equipment's are connected to the vapor recovery system.<br><br>Reactors & pumps are provided with mechanical seals to reduce the odorous chemicals.<br><br>Chemicals are handled in closed system to minimize exposure to person as well as release to the environment. |
| viii) Green belt of adequate width and density should be developed in 33% of the total project area to mitigate the effect of fugitive emissions all-round the plant in consultation with the local DFO as per the CPCB guidelines. | Green belt has been developed at site to the best extent possible to mitigate the effect of fugitive emissions |

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| ix) The company shall undertake water harvesting measures to recharge the ground water as well as reduce consumption of fresh water. | Water conservation measures such as rainwater harvesting is carried out to reduce consumption of fresh water. |
| x) As proposed Rs.100 lakhs and Rs.33 lakhs earmarked towards the capital cost and recurring cost for the environmental pollution control measures shall be used exclusively to implement the conditions stipulated by the Ministry of Environment & Forests as well as the State Government. An implementation schedule for all conditions stipulated herein shall be submitted to the Regional office of the Ministry at Bhopal. The funds shall not be diverted for any other purposes. | Approx. Rs. 10 Cr. Has been earmarked as Capital and recurring cost for environmental pollution control measures to implement conditions stipulated by MoEF as well as state Government.This fund will be exclusively used for environmental pollution control measures. |
| xi) The company shall undertake eco development measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan shall be submitted to the MPCB within three months of receipt of this letter of approval. | Eco development measures including community welfare measures in the project area for the overall improvement of the environment are being implemented under CSR activity. |
| xii) The project authorities must strictly comply with the rules and regulations under the Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000. Prior approval of Chief Inspector of Factories, Chief Inspector of Explosives and Fire Safety Inspectorate etc. must be obtained. | We have always been complying with the rules and regulations of Manufacture, Storage, and Import of Hazardous Chemicals Rules 2000.<br><br>Approvals from authorities such as Inspector of Factories, Chief Inspector of Explosives, and Fire Safety Inspectorate are obtained. |
| xiii) The project authorities must strictly comply with the rules and regulations with regards to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2000. Authorization from the MPCB must be obtained for collection, storage, treatment and disposal of hazardous wastes. | We have obtained requisite consent & authorization from MPCB and complying with the H.W. (management, handling & trans-boundary movement) rules 2016. Form- 4, and Form 5 are submitted on annual basis.<br><br>We are member of MWML- Taloja and all hazardous waste is being disposed of scientifically. |

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| xiv) Multiple safety systems shall be provided in reaction vessel handling flammable solvent or in which pressurized operations are carried out and hazard analysis of all operations shall be carried out. All the safety measures mentioned in the Factory Act shall be strictly adopted. Safety audit of the plant by a qualified safety engineer shall be carried out at least once in two years. | HAZOP and hazard analysis studies are carried out. Safety measures mentioned in the Factory act are implemented strictly and safety audit are carried out once in two years by qualified safety engineers as per the statutory requirements. |
| xv) The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all the sources of noise generation. The ambient noise level shall conform to the standards prescribed under the Environment (P) Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). | Noise levels are kept within standards by implementing good engineering practices and acoustic enclosures to DG sets<br><br>Presently workplace monitoring are carried out for noise level in and around the plant area. and noise levels are within prescribed limits.<br>Ambient noise monitoring ia carried out on regular basis during day and night time. Noise levels have been found within prescribed limits. |
| xvi) Occupational health surveillance program shall be undertaken as regular exercise for all the employees, specifically for those engaged in handling hazardous substances. First aid facilities in the Occupational Health Care Centre shall be strengthened and medical records of each employee should be maintained separately. | Six monthly medical examination is being carried out for persons handling hazardous chemicals apart from annual medical examination of all the employees of the factory.<br><br>Company has provided Occupational health center with qualified medical officer and male nurses round the clock. Medical records are maintained, and trends are monitored. |
| xvii) A separate Environment Management Cell equipped with full fledged laboratory facilities shall be set up to carry out Environment Management and monitoring functions. | Environment Management Cell is functional backed by full-fledged laboratory fasciitis at the site to carry out Environment management and monitoring functions. |
| xviii) The project proponent shall also comply with all the environmental protection measures and safeguards recommendation in the EIA/EMP report | All environmental protection measures and safeguards recommendations in EIA / EMP report are complied with. |

| | |
|---|---|
| xix) The implementation of the project vis-à-vis environmental action plans shall be monitored by Ministry's Regional Office at Bhopal / MPCB / CPCB. A six-monthly compliance status report should be submitted to monitoring agencies. | Six monthly compliance reports is submitted to the Ministry's Regional Office at Nagpur at regular intervals. Last report submitted in the month of Dec.2025<br><br>This practice will be followed in future also. |
| xx) The project proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Maharashtra Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in. The advertisement shall be made within 7 days from the date and issue of the clearance letter and copy of the same shall be forwarded to Ministry's Regional Office at Bhopal. | This has already been complied with. The environmental clearance was advertised in two local newspapers viz. Free Press (English) and Nav Shakti (Marathi) language, on 3rd September 2007. |
| xxi) The project Authorities shall inform the Regional Office as well as the Ministry the date of financial closure and final approval of the project. | Financial closure done on 31st Dec 2009. |

# GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)

Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/25/12-55** **Report Date: 24.12.2025**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 11.12.2025- 12.12.2025 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13.30Hrs-13.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Pilot Plant |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Conditions:** | **Temp:** 27°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sample Code:** | GFL/AA/25/12-55 |
| **Date of Analysis Started:** | 15.12.2025 | **Date of Analysis Completed:** | 24.12.2025 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 74.66 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 37.55 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 29.52 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 40.53 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 65.15 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.26 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 10.10 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |

**Sampling carried out using HVS**
**GOLDFINCH/INST-HVS/74**
**Calibrated on: 03.12.2025**
**Calibration Due on: 03.12.2026**

**Sampling carried out using ADS**
**GOLDFINCH/INST-ADS/44**
**Calibrated on: 30.05.2025**
**Calibration Due on: 30.05.2026**

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 24/12/25 | 24/12/25 | 24/12/25 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



---------- End of Report ----------

**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/25/12-54** **Report Date: 24.12.2025**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 12.12.2025-13.12.2025 | **Sample Description:** | Ambient |
| **Sampling Time:** | 14.30Hrs-14.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MPP Tank |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Conditions:** | **Temp:** 26°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sample Code:** | GFL/AA/25/12-54 |
| **Date of Analysis Started:** | 15.12.2025 | **Date of Analysis Completed:** | 24.12.2025 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 76.06 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 38.34 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 30.19 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 39.94 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 72.50 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.27 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.08 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/44 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026** |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/25/12-53** **Report Date: 24.12.2025**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 10.12.2025-11.12.2025 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13.00Hrs-13.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 2 |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Conditions:** | **Temp:** 26°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sample Code:** | GFL/AA/25/12-53 |
| **Date of Analysis Started:** | 15.12.2025 | **Date of Analysis Completed:** | 24.12.2025 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 73.85 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 39.74 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 26.45 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 38.99 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 66.83 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| **Lead** | 0.28 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 13.24 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |

**Sampling carried out using HVS**
**GOLDFINCH/INST-HVS/74**
**Calibrated on: 03.12.2025**
**Calibration Due on: 03.12.2026**

**Sampling carried out using ADS**
**GOLDFINCH/INST-ADS/44**
**Calibrated on: 30.05.2025**
**Calibration Due on: 30.05.2026**

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Arte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/25/12-52** **Report Date: 24.12.2025**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 09.12.2025-10.12.2025 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.30Hrs-12.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Fire Pump House |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Conditions:** | **Temp:** 26°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sample Code:** | GFL/AA/25/12-52 |
| **Date of Analysis Started:** | 15.12.2025 | **Date of Analysis Completed:** | 24.12.2025 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 76.22 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 35.12 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 26.90 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 39.44 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 72.55 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.27 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 11.59 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/44 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026** |

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 24/12/25 | 24/12/25 | 24/12/25 |
| Vaibhav Raut | Taidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



---------- End of Report ----------

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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/12-51

Report Date: 24.12.2025

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 08.12.2025-09.12.2025 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.00Hrs-12.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Conditions:** | **Temp:** 27°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sample Code:** | GFL/AA/25/12-51 |
| **Date of Analysis Started:** | 15.12.2025 | **Date of Analysis Completed:** | 24.12.2025 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 79.31 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 40.08 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 32.46 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 41.44 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 75.30 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.29 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.92 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/44 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 24/12/25 | 24/12/25 | 24/12/25 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/25/12-59** **Report Date: 24.12.2025**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 11.12.2025- 12.12.2025 | **Sample Description:** | Ambient |
| **Sampling Time:** | 14.00Hrs-14.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near CS2 Tank Area |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Conditions:** | **Temp:** 29°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sample Code:** | GFL/AA/25/12-59 |
| **Date of Analysis Started:** | 15.12.2025 | **Date of Analysis Completed:** | 24.12.2025 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 78.66 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 39.64 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 28.34 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 38.24 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 63.55 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.27 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 11.24 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/03 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Daidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Apte
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/12-58

Report Date: 24.12.2025

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 09.12.2025-10.12.2025 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13.00Hrs-13.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 3 |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Conditions:** | **Temp:** 27°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sample Code:** | GFL/AA/25/12-58 |
| **Date of Analysis Started:** | 15.12.2025 | **Date of Analysis Completed:** | 24.12.2025 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 72.90 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 37.95 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 28.98 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 39.29 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 70.38 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.26 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 11.41 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/03<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/76<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 24/12/25 | 24/12/25 | 24/12/25 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/25/12-57** **Report Date: 24.12.2025**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 11.12.2025- 12.12.2025 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13.30Hrs-13.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MEE Plant |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Conditions:** | **Temp:** 25°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sample Code:** | GFL/AA/25/12-57 |
| **Date of Analysis Started:** | 15.12.2025 | **Date of Analysis Completed:** | 24.12.2025 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 75.14 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 38.11 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 30.24 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 37.75 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 64.63 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.27 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 11.61 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |

**Sampling carried out using HVS**
**GOLDFINCH/INST-HVS/03**
**Calibrated on: 03.12.2025**
**Calibration Due on: 03.12.2026**

**Sampling carried out using ADS**
**GOLDFINCH/INST-ADS/76**
**Calibrated on: 02.12.2025**
**Calibration Due on: 02.12.2026**

[#] Specified under National Ambient Air Quality Standards by CPCB;
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Taidip Pathi
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/25/12-56** **Report Date: 24.12.2025**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 08.12.2025- 09.12.2025 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.30Hrs-12.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near ETP Plant |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Conditions:** | **Temp:** 26°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sample Code:** | GFL/AA/25/12-56 |
| **Date of Analysis Started:** | 15.12.2025 | **Date of Analysis Completed:** | 24.12.2025 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 79.37 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 34.66 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 31.22 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 38.09 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 72.42 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.26 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 10.60 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/03<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/76<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/01-336** **Report Date: 03.02.2026**

# Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 23.01.2026-24.01.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 14.00Hrs-14.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MPP Tank |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Conditions:** | **Temp:** 28$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sample Code:** | GFL/AA/26/01-336 |
| **Date of Analysis Started:** | 27.01.2026 | **Date of Analysis Completed:** | 03.02.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 76.71 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 36.54 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 24.66 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 38.66 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 62.47 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| Lead | 0.26 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 13.10 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/74<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/43<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 03/02/26 | Patil 03/02/26 | Apte 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/01-335** **Report Date: 03.02.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 21.01.2026-22.01.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13.00Hrs-13.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 2 |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Conditions:** | **Temp:** 27°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sample Code:** | GFL/AA/26/01-335 |
| **Date of Analysis Started:** | 27.01.2026 | **Date of Analysis Completed:** | 03.02.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 78.28 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 37.27 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 21.16 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 35.30 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 70.47 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.29 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 14.07 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/74 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/01-334** **Report Date: 03.02.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 20.01.2026-21.01.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.30Hrs-12.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Fire Pump House |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Conditions:** | **Temp:** 25°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sample Code:** | GFL/AA/26/01-334 |
| **Date of Analysis Started:** | 27.01.2026 | **Date of Analysis Completed:** | 03.02.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 76.26 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 40.88 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 19.63 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 34.14 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 86.80 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.28 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.92 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/74<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/43<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/01-333** **Report Date: 03.02.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 19.01.2026-20.01.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.00Hrs-12.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate-1 |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Conditions:** | **Temp:** 26$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sample Code:** | GFL/AA/26/01-333 |
| **Date of Analysis Started:** | 27.01.2026 | **Date of Analysis Completed:** | 03.02.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 75.91 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 39.13 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 21.33 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 34.74 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 64.93 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| **Lead** | 0.29 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 13.92 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/74<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/43<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/01-341** **Report Date: 03.02.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 22.01.2026- 23.01.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 14.00Hrs-14.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near $CS_2$ Tank Area |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sample Code:** | GFL/AA/26/01-341 |
| **Date of Analysis Started:** | 27.01.2026 | **Date of Analysis Completed:** | 03.02.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 72.26 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 39.94 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 21.98 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 33.75 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 81.88 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.28 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.57 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/73<br>Calibrated on: 03.01.2026<br>Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/42<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/01-340** **Report Date: 03.02.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.**<br>**Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 21.01.2026-22.01.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13.30Hrs-13.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 3 |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sample Code:** | GFL/AA/26/01-340 |
| **Date of Analysis Started:** | 27.01.2026 | **Date of Analysis Completed:** | 03.02.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 71.01 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 39.11 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 19.17 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 34.64 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 73.05 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.29 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 14.09 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS**<br>**GOLDFINCH/INST-HVS/73**<br>**Calibrated on: 03.12.2025**<br>**Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS**<br>**GOLDFINCH/INST-ADS/42**<br>**Calibrated on: 30.05.2025**<br>**Calibration Due on: 30.05.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 5/2/26 |
| Vaibhav Raut | Taidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/01-339

Report Date: 03.02.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 20.01.2026- 21.01.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13.00Hrs-13.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MEE Plant |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Conditions:** | **Temp:** 25$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sample Code:** | GFL/AA/26/01-339 |
| **Date of Analysis Started:** | 27.01.2026 | **Date of Analysis Completed:** | 03.02.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 79.43 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 35.79 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 19.32 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 32.83 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 66.02 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| Lead | 0.28 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.58 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/73 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/42 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 03/02/26 | Patil 03/02/26 | Apte 3/2/26 |
| Vaibhav Raut | Taidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/01-338** **Report Date: 03.02.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 19.01.2026- 20.01.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.30Hrs-12.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near ETP Plant |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Conditions:** | **Temp:** 27°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sample Code:** | GFL/AA/26/01-338 |
| **Date of Analysis Started:** | 27.01.2026 | **Date of Analysis Completed:** | 03.02.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 75.56 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 37.92 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 21.65 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 31.89 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 72.80 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.28 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.42 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/73<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/42<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/01-337** **Report Date: 03.02.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 22.01.2026- 23.01.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13.30Hrs-13.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Pilot Plant |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sample Code:** | GFL/AA/26/01-337 |
| **Date of Analysis Started:** | 27.01.2026 | **Date of Analysis Completed:** | 03.02.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 63.38 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 33.18 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 23.61 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 32.18 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 65.58 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.27 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.92 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/73 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/42 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/02-431** **Report Date: 04.03.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 20.02.2026- 21.02.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 16.00Hrs-16.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near $CS_2$ Tank Area |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Conditions:** | **Temp:** 29°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sample Code:** | GFL/AA/26/02-431 |
| **Date of Analysis Started:** | 23.02.2026 | **Date of Analysis Completed:** | 04.03.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 65.67 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 34.73 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 9.38 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 49.39 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 98.28 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| **Lead** | 0.22 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 12.65 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/76<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/03/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
4/3/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/02-430** **Report Date: 04.03.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 16.02.2026-17.02.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 14.30Hrs-14.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 3 |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Conditions:** | **Temp:** 29$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sample Code:** | GFL/AA/26/02-430 |
| **Date of Analysis Started:** | 23.02.2026 | **Date of Analysis Completed:** | 04.03.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 63.73 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 31.99 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 9.34 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 34.04 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 96.65 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| **Lead** | 0.23 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 13.38 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/76<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/03/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
4/3/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/02-429** **Report Date: 04.03.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 17.02.2026-18.02.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 14.45Hrs-14.45Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MEE Plant |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Conditions:** | **Temp:** 30°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sample Code:** | GFL/AA/26/02-429 |
| **Date of Analysis Started:** | 23.02.2026 | **Date of Analysis Completed:** | 04.03.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 69.56 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 34.71 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 9.26 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 36.10 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 95.18 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.20 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 11.93 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026** | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/03/26
Jaidip Patil
**Name, Sign & Date (~~DTM~~ / TM)**

**Authorized by**
4/3/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/02-428** **Report Date: 04.03.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 18.02.2026- 19.02.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 15.15Hrs-15.15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near ETP Plant |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sample Code:** | GFL/AA/26/02-428 |
| **Date of Analysis Started:** | 23.02.2026 | **Date of Analysis Completed:** | 04.03.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 76.78 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 38.00 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 6.99 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 45.13 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 92.78 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| **Lead** | 0.21 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 12.29 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/76<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 04/03/26 | Patil 04/03/26 | Apte 4/3/26 |
| Vaibhav Raut | Daidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/02-427** **Report Date: 04.03.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 19.02.2026- 20.02.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 15.15Hrs-15.15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Pilot Plant |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Conditions:** | **Temp:** 30°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sample Code:** | GFL/AA/26/02-427 |
| **Date of Analysis Started:** | 23.02.2026 | **Date of Analysis Completed:** | 04.03.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 78.09 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 36.11 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 6.33 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 33.02 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 95.93 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.19 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.46 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/02 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/67 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/03/26 | 04/03/26 | 4/3/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Aote. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/02-426** **Report Date: 04.03.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 19.02.2026-20.02.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 15.30Hrs-15.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MPP Tank |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Conditions:** | **Temp:** 29°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sample Code:** | GFL/AA/26/02-426 |
| **Date of Analysis Started:** | 23.02.2026 | **Date of Analysis Completed:** | 04.03.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 70.52 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 35.35 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 9.10 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 34.28 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 88.90 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| **Lead** | 0.21 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 12.99 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026** | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/03/26 | 04/03/26 | 4/3/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (~~BTM~~ / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/02-425** **Report Date: 04.03.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 18.02.2026-19.02.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 15.00Hrs-15.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 2 |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sample Code:** | GFL/AA/26/02-425 |
| **Date of Analysis Started:** | 23.02.2026 | **Date of Analysis Completed:** | 04.03.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 75.77 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 40.02 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 8.13 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 30.67 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 86.23 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| **Lead** | 0.23 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 13.37 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/02 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/67 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/03/26 | 04/03/26 | 4/3/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/02-424** **Report Date: 04.03.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 17.02.2026-18.02.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 14.30Hrs-14.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Fire Pump House |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Conditions:** | **Temp:** 29°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sample Code:** | GFL/AA/26/02-424 |
| **Date of Analysis Started:** | 23.02.2026 | **Date of Analysis Completed:** | 04.03.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 76.93 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 36.30 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 9.21 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 34.22 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 85.50 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| **Lead** | 0.21 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 12.44 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |

**Sampling carried out using HVS**
**GOLDFINCH/INST-HVS/02**
**Calibrated on: 03.12.2025**
**Calibration Due on: 03.12.2026**

**Sampling carried out using ADS**
**GOLDFINCH/INST-ADS/67**
**Calibrated on: 02.12.2025**
**Calibration Due on: 02.12.2026**

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/03/26
Jaidip Patil
**Name, Sign & Date**
**(DTM / TM)**

**Authorized by**
4/3/26
Neha S. Apte.
**Name, Sign & Date**
**(Authorized Signatory TM / QM)**



**---------- End of Report ----------**

**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

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Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/02-423** **Report Date: 04.03.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 16.02.2026-17.02.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 14.15Hrs-14.15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate-1 |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Conditions:** | **Temp:** 29°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sample Code:** | GFL/AA/26/02-423 |
| **Date of Analysis Started:** | 23.02.2026 | **Date of Analysis Completed:** | 04.03.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 73.84 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 33.15 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 10.19 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 39.71 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 89.72 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| **Lead** | 0.23 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 13.71 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/02 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/67 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/03/26 | 04/03/26 | 4/3/26 |
| Vaibhav Raut | Daidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



---------- End of Report ----------

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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/03-323

Report Date: 07.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 25.03.2026- 26.03.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 16.45Hrs-16.45Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near $CS_2$ Tank Area |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Conditions:** | **Temp:** 32°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sample Code:** | GFL/AA/26/03-323 |
| **Date of Analysis Started:** | 31.03.2026 | **Date of Analysis Completed:** | 07.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 72.86 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 36.16 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 24.03 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 34.70 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 63.03 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.21 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 11.77 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/73 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/67 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

07/04/26

Daidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

07/04/26

Daidip Patil

**Name, Sign & Date (Authorized Signatory TM / ~~QM~~)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/03-322

Report Date: 07.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 26.03.2026-27.03.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 17.30Hrs-17.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 3 |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Conditions:** | **Temp:** 29°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sample Code:** | GFL/AA/26/03-322 |
| **Date of Analysis Started:** | 31.03.2026 | **Date of Analysis Completed:** | 07.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 68.80 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 35.54 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 23.39 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 31.92 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 69.70 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.24 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.90 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/73<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/67<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

Raut 07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

07/04/26

Taidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

07/04/26

Taidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/03-321

Report Date: 07.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 24.03.2026-25.03.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 16.15Hrs-16.15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MEE Plant |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sample Code:** | GFL/AA/26/03-321 |
| **Date of Analysis Started:** | 31.03.2026 | **Date of Analysis Completed:** | 07.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 72.62 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 36.69 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 21.86 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 33.05 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 61.43 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.21 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 11.78 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/73<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/67<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

07/04/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

07/04/26

Jaidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/03-320

Report Date: 07.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 23.03.2026- 24.03.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 16.00Hrs-16.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near ETP Plant |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Conditions:** | **Temp:** 27°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sample Code:** | GFL/AA/26/03-320 |
| **Date of Analysis Started:** | 31.03.2026 | **Date of Analysis Completed:** | 07.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 73.35 | 100* | $\mu g/m^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 31.26 | 60* | $\mu g/m^3$ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 22.28 | 80* | $\mu g/m^3$ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 34.52 | 80* | $\mu g/m^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 57.78 | 400** | $\mu g/m^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | $mg/m^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | $\mu g/m^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | $\mu g/m^3$ | GFL/SOP/GC-01 |
| **Lead** | 0.21 | 1.0* | $\mu g/m^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 12.15 | 20* | $ng/m^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | $ng/m^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | $ng/m^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/73<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/67<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

07/04/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

07/04/26

Jaidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/03-319

Report Date: 07.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 26.03.2026- 27.03.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 17.30Hrs-17.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Pilot Plant |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sample Code:** | GFL/AA/26/03-319 |
| **Date of Analysis Started:** | 31.03.2026 | **Date of Analysis Completed:** | 07.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 75.53 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 34.07 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 21.51 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 31.90 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 63.98 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.22 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.34 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/68<br>Calibrated on: 29.11.2025<br>Calibration Due on: 29.11.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

07/04/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

07/04/26

Jaidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/03-318

Report Date: 07.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 25.03.2026-26.03.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 16.30Hrs-16.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MPP Tank |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Conditions:** | **Temp:** 31°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sample Code:** | GFL/AA/26/03-318 |
| **Date of Analysis Started:** | 31.03.2026 | **Date of Analysis Completed:** | 07.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 73.64 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 30.49 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 21.39 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 32.90 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 68.45 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| **Lead** | 0.24 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 2.15 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |

**Sampling carried out using HVS**
**GOLDFINCH/INST-HVS/39**
**Calibrated on: 30.05.2025**
**Calibration Due on: 30.05.2026**

**Sampling carried out using ADS**
**GOLDFINCH/INST-ADS/68**
**Calibrated on: 29.11.2025**
**Calibration Due on: 29.11.2026**

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
07/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
07/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
07/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/03-317

Report Date: 07.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 27.03.2026-28.03.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 18.15Hrs-18.15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 2 |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sample Code:** | GFL/AA/26/03-317 |
| **Date of Analysis Started:** | 31.03.2026 | **Date of Analysis Completed:** | 07.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 72.92 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 37.64 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 21.87 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 31.76 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 60.56 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.25 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.53 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/68<br>Calibrated on: 29.11.2025<br>Calibration Due on: 29.11.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

07/04/26

Jaidip Patil

**Name, Sign & Date**
**(~~DTM~~ / TM)**

**Authorized by**

07/04/26

Jaidip Patil

**Name, Sign & Date**
**(Authorized Signatory TM / ~~QM~~)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/03-315

Report Date: 07.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 23.03.2026-24.03.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 15.45Hrs-15.45Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate-1 |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Conditions:** | **Temp:** 27°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sample Code:** | GFL/AA/26/03-315 |
| **Date of Analysis Started:** | 31.03.2026 | **Date of Analysis Completed:** | 07.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 72.44 | 100* | $\mu g/m^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 32.30 | 60* | $\mu g/m^3$ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 22.09 | 80* | $\mu g/m^3$ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 34.91 | 80* | $\mu g/m^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 73.55 | 400** | $\mu g/m^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | $mg/m^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | $\mu g/m^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | $\mu g/m^3$ | GFL/SOP/GC-01 |
| **Lead** | 0.25 | 1.0* | $\mu g/m^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 12.90 | 20* | $ng/m^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | $ng/m^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | $ng/m^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/68<br>Calibrated on: 29.11.2025<br>Calibration Due on: 29.11.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

07/04/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

07/04/26

Jaidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/03-316

Report Date: 07.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 24.03.2026-25.03.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 16.00Hrs-16.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Fire Pump House |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Conditions:** | **Temp:** 26°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sample Code:** | GFL/AA/26/03-316 |
| **Date of Analysis Started:** | 31.03.2026 | **Date of Analysis Completed:** | 07.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1 Paper; $PM_{2.5}$:1 Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 70.47 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 35.20 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 21.39 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 33.11 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 64.50 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.24 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 11.77 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/68<br>Calibrated on: 29.11.2025<br>Calibration Due on: 29.11.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

Raut 07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

07/04/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

07/04/26

Jaidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/04-66

Report Date: 23.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 13.04.2026- 14.04.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13.00Hrs-13.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near CS2 Tank Area |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Conditions:** | **Temp:** 30°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sample Code:** | GFL/AA/26/04-66 |
| **Date of Analysis Started:** | 15.04.2026 | **Date of Analysis Completed:** | 22.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Particulate Matter $PM_{10}$** | 73.18 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Particulate Matter $PM_{2.5}$** | 34.05 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| **Sulphur Dioxide** | 18.48 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| **Oxides of Nitrogen** | 29.08 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| **Ammonia** | 55.55 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| **Carbon Monoxide** | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| **Ozone** | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzene** | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| **Lead** | 0.24 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Nickel** | 12.85 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Arsenic** | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| **Benzo(a)pyrene** | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/67<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

23/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

23/04/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

23/04/26

Jaidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/04-65

Report Date: 23.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175. | | | |
|---|---|---|---|
| **Date of Sampling:** | 09.04.2026-10.04.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.05Hrs-12.05Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 3 |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Conditions:** | **Temp:** 28$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sample Code:** | GFL/AA/26/04-65 |
| **Date of Analysis Started:** | 15.04.2026 | **Date of Analysis Completed:** | 22.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 71.66 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 33.45 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 18.69 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 28.43 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 53.00 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| Lead | 0.27 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 13.78 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026 | | | | Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/67<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026 |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
Vaibhav Raut 23/04/26
Vaibhav Raut
Name, Sign & Date

**Reviewed by**
Patil 23/04/26
Jaidip Patil
Name, Sign & Date
(DTM / TM)

**Authorized by**
Patil 23/04/26
Jaidip Patil
Name, Sign & Date
(Authorized Signatory TM / QM)



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/04-64

Report Date: 23.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 10.04.2026- 11.04.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.30Hrs-12.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MEE Plant |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sample Code:** | GFL/AA/26/04-64 |
| **Date of Analysis Started:** | 15.04.2026 | **Date of Analysis Completed:** | 22.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 73.38 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 36.51 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 18.55 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 28.87 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 55.97 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.24 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.91 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/67<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

23/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

23/04/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

23/04/26

Jaidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/04-63** **Report Date: 23.04.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 08.04.2026- 09.04.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 11.40Hrs-11.40Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near ETP Plant |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sample Code:** | GFL/AA/26/04-63 |
| **Date of Analysis Started:** | 15.04.2026 | **Date of Analysis Completed:** | 22.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 73.49 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 31.77 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 17.30 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 29.98 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 52.85 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.25 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 13.24 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/39<br>Calibrated on: 30.05.2025<br>Calibration Due on: 30.05.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/67<br>Calibrated on: 02.12.2025<br>Calibration Due on: 02.12.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
23/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
23/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
23/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/04-62

Report Date: 23.04.2026

## Analysis Test Reports for Ambient Air Monitoring

**Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.**
**Contact Person: Mr. Rupesh Patil, 9987087175.**

| | | | |
|---|---|---|---|
| **Date of Sampling:** | 11.04.2026- 12.04.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.45Hrs-12.45Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Pilot Plant |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sample Code:** | GFL/AA/26/04-62 |
| **Date of Analysis Started:** | 15.04.2026 | **Date of Analysis Completed:** | 22.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |

**Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80%

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 75.33 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 35.26 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 18.14 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 29.25 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 50.23 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.24 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.87 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |

**Sampling carried out using HVS**
**GOLDFINCH/INST-HVS/73**
**Calibrated on: 03.12.2025**
**Calibration Due on: 03.12.2026**

**Sampling carried out using ADS**
**GOLDFINCH/INST-ADS/68**
**Calibrated on: 29.11.2025**
**Calibration Due on: 29.11.2026**

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 23/04/26 | 23/04/26 | 23/04/26 |
| Vaibhav Raut | Jaidip Patil | Jaidip Patil |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/04-61

Report Date: 23.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 13.04.2026-14.04.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13.25Hrs-13.25Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MPP Tank |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Conditions:** | **Temp:** 29°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sample Code:** | GFL/AA/26/04-61 |
| **Date of Analysis Started:** | 15.04.2026 | **Date of Analysis Completed:** | 22.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 70.48 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 36.57 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 21.45 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 29.36 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 16.87 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.25 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 13.08 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/73<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/68<br>Calibrated on: 29.11.2025<br>Calibration Due on: 29.11.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
23/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
23/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
23/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



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**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/04-60

Report Date: 23.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 10.04.2026-11.04.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.25Hrs-12.25Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 2 |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sample Code:** | GFL/AA/26/04-60 |
| **Date of Analysis Started:** | 15.04.2026 | **Date of Analysis Completed:** | 22.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 75.59 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 35.15 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 17.30 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 29.88 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 45.52 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.26 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 13.63 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/73<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/68<br>Calibrated on: 29.11.2025<br>Calibration Due on: 29.11.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

23/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

23/04/26

Jaidip Patil

**Name, Sign & Date**
**(DTM / TM)**

**Authorized by**

23/04/26

Jaidip Patil

**Name, Sign & Date**
**(Authorized Signatory TM / QM)**



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**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/04-59** **Report Date: 23.04.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 09.04.2026-10.04.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 11.55Hrs-11.55Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Fire Pump House |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Conditions:** | **Temp:** 29°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sample Code:** | GFL/AA/26/04-59 |
| **Date of Analysis Started:** | 15.04.2026 | **Date of Analysis Completed:** | 22.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 73.34 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 36.32 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 17.51 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 30.33 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 78.95 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.25 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.87 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/73<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/68<br>Calibrated on: 29.11.2025<br>Calibration Due on: 29.11.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
23/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
23/04/26
Daidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
23/04/26
Daidip Patil
**Name, Sign & Date (Authorized Signatory TM / ~~QM~~)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/04-58

Report Date: 23.04.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 08.04.2026-09.04.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 11.20Hrs-11.20Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Conditions:** | **Temp:** 28°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sample Code:** | GFL/AA/26/04-58 |
| **Date of Analysis Started:** | 15.04.2026 | **Date of Analysis Completed:** | 22.04.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 73.06 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 34.05 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 19.09 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 32.37 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 51.67 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.27 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 14.34 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS<br>GOLDFINCH/INST-HVS/73<br>Calibrated on: 03.12.2025<br>Calibration Due on: 03.12.2026** | | **Sampling carried out using ADS<br>GOLDFINCH/INST-ADS/68<br>Calibrated on: 29.11.2025<br>Calibration Due on: 29.11.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 23/04/26 | Patil 23/04/26 | Patil 23/04/26 |
| Vaibhav Raut | Jaidip Patil | Jaidip Patil |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM) | Name, Sign & Date (Authorized Signatory TM / ~~QM~~) |



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/05-363

Report Date: 04.06.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 18.05.2026-19.05.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 09:00Hrs-09:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Conditions:** | **Temp:** 26-36$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sample Code:** | GFL/AA/26/05-363 |
| **Date of Analysis Started:** | 26.05.2026 | **Date of Analysis Completed:** | 03.06.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$ & Metals:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 74.45 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 34.68 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 31.02 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 37.34 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 75.55 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| Lead | 0.26 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 13.98 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/73 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

04/06/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

04/06/26

Jaidip Patil

**Name, Sign & Date**
**(~~DTM~~ / TM / ~~QM~~)**

**Authorized by**

04/06/26

Jaidip Patil

**Name, Sign & Date**
**(Authorized Signatory TM / ~~QM~~)**



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/05-364** **Report Date: 04.06.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 19.05.2026-20.05.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 10:30Hrs-10:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Fire Pump House |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Conditions:** | **Temp:** 28-35$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sample Code:** | GFL/AA/26/05-364 |
| **Date of Analysis Started:** | 26.05.2026 | **Date of Analysis Completed:** | 03.06.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$ & Metals:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 73.51 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 32.93 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 27.62 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 30.75 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 66.23 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| Lead | 0.25 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.33 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/73 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
04/06/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/06/26
Jaidip Patil
**Name, Sign & Date**
**(~~DTM~~ / TM / ~~QM~~)**

**Authorized by**
04/06/26
Jaidip Patil
**Name, Sign & Date**
**(Authorized Signatory TM / ~~QM~~)**



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Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/05-365

Report Date: 04.06.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 19.05.2026-20.05.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 10:00Hrs-10:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 2 |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Conditions:** | **Temp:** 26-35$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sample Code:** | GFL/AA/26/05-365 |
| **Date of Analysis Started:** | 26.05.2026 | **Date of Analysis Completed:** | 03.06.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$ & Metals:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 72.80 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 35.75 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 31.25 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 32.62 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 63.18 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| Lead | 0.27 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 13.08 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/163 Calibrated on: 27.02.2026 Calibration Due on: 27.02.2027** | | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/164 Calibrated on: 27.02.2026 Calibration Due on: 27.02.2027** |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

04/06/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

04/06/26

Jaidip Patil

**Name, Sign & Date**
**(DTM / TM / QM)**

**Authorized by**

04/06/26

Jaidip Patil

**Name, Sign & Date**
**(Authorized Signatory TM / ~~QM~~)**



---------- End of Report ----------

**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

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TC-16186

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/05-366

Report Date: 04.06.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 22.05.2026-23.05.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 13:00Hrs-13:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MPP Tank |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Conditions:** | **Temp:** 26-34°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sample Code:** | GFL/AA/26/05-366 |
| **Date of Analysis Started:** | 26.05.2026 | **Date of Analysis Completed:** | 03.06.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 71.75 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 37.61 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 26.78 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 31.52 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 69.90 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.24 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.91 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/163 Calibrated on: 27.02.2026 Calibration Due on: 27.02.2027** | | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/164 Calibrated on: 27.02.2026 Calibration Due on: 27.02.2027** |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**

04/06/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**

04/06/26
Jaidip Patil
**Name, Sign & Date**
**~~(DTM / TM / QM)~~**

**Authorized by**

04/06/26
Jaidip Patil
**Name, Sign & Date**
**(Authorized Signatory TM / ~~QM~~)**



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TC-16166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/26/05-367

Report Date: 04.06.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 21.05.2026- 22.05.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12:30Hrs-12:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Pilot Plant |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Conditions:** | **Temp:** 26-34°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sample Code:** | GFL/AA/26/05-367 |
| **Date of Analysis Started:** | 26.05.2026 | **Date of Analysis Completed:** | 03.06.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$ & Metals:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 74.30 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 37.44 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 26.25 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 29.52 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 59.97 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.25 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.52 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/73 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** | | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/06/26 | 04/06/26 | 04/06/26 |
| Vaibhav Raut | Jaidip Patil | Jaidip Patil |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM / ~~QM~~) | Name, Sign & Date (Authorized Signatory TM / ~~QM~~) |



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/05-368** **Report Date: 04.06.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 18.05.2026- 19.05.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 09.30Hrs-09.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near ETP Plant |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Conditions:** | **Temp:** 27-36°C **Climate:** Clear |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sample Code:** | GFL/AA/26/05-368 |
| **Date of Analysis Started:** | 26.05.2026 | **Date of Analysis Completed:** | 03.06.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$ & Metals:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 75.19 | 100* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 36.67 | 60* | µg/m³ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 31.51 | 80* | µg/m³ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 28.90 | 80* | µg/m³ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 68.22 | 400** | µg/m³ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m³ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m³ | GFL/SOP/GC-01 |
| Lead | 0.26 | 1.0* | µg/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 13.27 | 20* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m³ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m³ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/163 Calibrated on: 27.02.2026 Calibration Due on: 27.02.2027** | | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/164 Calibrated on: 27.02.2026 Calibration Due on: 27.02.2027** |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
04/06/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/06/26
Jaidip Patil
**Name, Sign & Date**
**(~~DTM~~ / TM / ~~QM~~)**

**Authorized by**
04/06/26
Jaidip Patil
**Name, Sign & Date**
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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/05-369** **Report Date: 04.06.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 20.05.2026- 21.05.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 11.30Hrs-11.30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near MEE Plant |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Conditions:** | **Temp:** 28-34$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sample Code:** | GFL/AA/26/05-369 |
| **Date of Analysis Started:** | 26.05.2026 | **Date of Analysis Completed:** | 03.06.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$ & Metals:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 74.30 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 40.75 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 27.98 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 33.06 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 71.58 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| Lead | 0.23 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.91 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/73 Calibrated on: 03.12.2025 Calibration Due on: 03.12.2026** | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 02.12.2025 Calibration Due on: 02.12.2026** | |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
04/06/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/06/26
Jaidip Patil
**Name, Sign & Date**
**(~~DTM~~ / TM / ~~QM~~)**

**Authorized by**
04/06/26
Jaidip Patil
**Name, Sign & Date**
**(Authorized Signatory TM / ~~QM~~)**



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TC-16166

QF/LA/10-A

**Report Ref. No.: GFL/AA/R/26/05-370** **Report Date: 04.06.2026**

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 20.05.2026-21.05.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 11.00Hrs-11.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near Main Gate No - 3 |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Conditions:** | **Temp:** 28-34$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sample Code:** | GFL/AA/26/05-370 |
| **Date of Analysis Started:** | 26.05.2026 | **Date of Analysis Completed:** | 03.06.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$ & Metals:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 73.94 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 33.13 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 30.82 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 31.71 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 60.77 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| Lead | 0.27 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 13.61 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/163 Calibrated on: 27.02.2026 Calibration Due on: 27.02.2027** | | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/164 Calibrated on: 27.02.2026 Calibration Due on: 27.02.2027** |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

**Analyzed by**
04/06/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/06/26
Jaidip Patil
**Name, Sign & Date**
**(DTM / TM / ~~QM~~)**

**Authorized by**
04/06/26
Jaidip Patil
**Name, Sign & Date**
**(Authorized Signatory TM / ~~QM~~)**



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Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

Report Ref. No.: GFL/AA/R/26/05-371 QF/LA/10-A

Report Date: 04.06.2026

## Analysis Test Reports for Ambient Air Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 21.05.2026- 22.05.2026 | **Sample Description:** | Ambient |
| **Sampling Time:** | 12.00Hrs-12.00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Duration:** | 24.00 Hrs | **Sampling Location:** | Near CS2 Tank Area |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Conditions:** | **Temp:** 28-34$^0$C **Climate:** Clear |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sample Code:** | GFL/AA/26/05-371 |
| **Date of Analysis Started:** | 26.05.2026 | **Date of Analysis Completed:** | 03.06.2026 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_2$:1 Bottle; $PM_{10}$ & Metals:1Paper; $PM_{2.5}$:1Paper; $NH_3$:1 Bottle; $O_3$:1 Bottle; Bladder:1, Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| Parameters | Results | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Particulate Matter $PM_{10}$ | 74.09 | 100* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Particulate Matter $PM_{2.5}$ | 35.42 | 60* | µg/m$^3$ | IS 5182 (Part-24):2019 |
| Sulphur Dioxide | 31.83 | 80* | µg/m$^3$ | IS 5182 (Part-2/Sec 1):2023 |
| Oxides of Nitrogen | 34.19 | 80* | µg/m$^3$ | IS 5182 (Part-6):2006, Reaffirmed-2022 |
| Ammonia | 62.10 | 400** | µg/m$^3$ | IS 5182 (Part-25):2018, Reaffirmed-2023 |
| Carbon Monoxide | <1.00 | 04** | mg/m$^3$ | IS 5182 (Part-10):1999, Reaffirmed-2019 |
| Ozone | <30.00 | 180** | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzene | <2.50 | 05** | µg/m$^3$ | GFL/SOP/GC-01 |
| Lead | 0.24 | 1.0* | µg/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Nickel | 12.70 | 20* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Arsenic | <0.30 | 06* | ng/m$^3$ | CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I) |
| Benzo(a)pyrene | <0.06 | 01* | ng/m$^3$ | GFL/SOP/GCMS-04 |
| **Sampling carried out using HVS GOLDFINCH/INST-HVS/163 Calibrated on: 27.02.2026 Calibration Due on: 27.02.2027** | | | | **Sampling carried out using ADS GOLDFINCH/INST-ADS/164 Calibrated on: 27.02.2026 Calibration Due on: 27.02.2027** |

[ #] Specified under National Ambient Air Quality Standards by CPCB:
[ *] 24 hourly monitoring values; [ **] 1 hourly monitoring values; [***] Annual monitoring values.

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/06/26 | 04/06/26 | 04/06/26 |
| Vaibhav Raut | Jaidip Patil | Jaidip Patil |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM / ~~QM~~) | Name, Sign & Date (Authorized Signatory TM / ~~QM~~) |

---------- End of Report ----------



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Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/25/12-70** **Report Date: 24.12.2025**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 09.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | S-14 Bag Filter Blower (BLW-603) |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 33°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-70 |
| **Sample Quantity & Container:** | Thimble: 1Nos. | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-14 Bag Filter Blower (BLW-603) | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue gases | 6.99 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gases | 32 | | °C | |
| Flow/volume of flue Gases | 1233.8 | | $m^3$/Hr | |
| Particulate Matter | 40.85 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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QCI-NABET accredited EIA consultant
ISO 9001:2015 Certified Company
Certified by ISO 45001 - 2018




Report Ref. No.: GFL/AS/R/25/12-71

Report Date: 24.12.2025

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 12.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 14:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | General common scrubber |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-71 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | General common scrubber | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 30.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Xylene | <0.002 | -- | ppm | GFL/SOP/GC-01 |
| | <0.009 | 100 | $mg/Nm^3$ | By Calculation |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 24/12/25 | 24/12/25 | 24/12/25 |
| Vaibhav Raut | Daidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



---------- End of Report ----------

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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/25/12-71** **Report Date: 24.12.2025**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 12.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 14:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | General common scrubber |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 31$^0$C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-71 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | General common scrubber | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 30.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue gases | 5.54 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gases | 34 | | $^0$C | |
| Flow/volume of flue Gases | 977.2 | | m$^3$/Hr | |
| Toluene | 0.013 | -- | ppm | GFL/SOP/GCMS-05 |
| | 0.049 | 100 | mg/Nm$^3$ | By Calculation |
| Acetone | <0.003 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.007 | 100 | mg/Nm$^3$ | By Calculation |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Jaidip Patil
**Name, Sign & Date (~~DTM~~ / TM)**

**Authorized by**
24/12/25
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/25/12-72** **Report Date: 24.12.2025**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 11.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 12:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | Fire Pump Diesel Engine |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-72 |
| **Sample Quantity & Container:** | $SO_2$:1Bottle; $NO_x$:1Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | Fire Pump Diesel Engine | **Stack Diameter (m):** | 0.125 |
| **Fuel used:** | Diesel | **Stack Height (m):** | 1.00 |
| **Fuel consumption:** | 22 lit/hrs | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0123 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue gases | 9.54 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gases | 162 | | °C | |
| Flow/volume of flue Gases | 422.4 | | $m^3$/Hr | |
| Particulate Matter | 40.06 | -- | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 22.51 | -- | $mg/Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.23 | -- | Kg/day | By Calculations |
| Oxides of Nitrogen | 34.33 | -- | $mg/Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
Raut 24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 24/12/25
Dadip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Apte
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/12-67

Report Date: 24.12.2025

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 09.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 12:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | S-11 Ammonia scrubber C- 1203 |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 33°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-67 |
| **Sample Quantity & Container:** | Ammonia:1Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | S-11 Ammonia scrubber C- 1203 | **Stack Diameter (m):** | 0.05 |
| **Fuel used:** | - | **Stack Height (m):** | 20.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.002 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue gases | 5.83 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gases | 35 | | °C | |
| Flow/volume of flue Gases | 41.1 | | $m^3$/Hr | |
| Ammonia | 7.18 | 50 | $mg/m^3$ | IS 11255 (Part 7):2005 Reaffirmed 2022 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**
Raut 24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
Apte 24/12/25
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/12-68

Report Date: 24.12.2025

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 09.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 11:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | S-12 Bag Filter Blower (BLW-601) |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-68 |
| **Sample Quantity & Container:** | Thimble: 1Nos. | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-12 Bag Filter Blower (BLW-601) | **Stack Diameter (m):** | 0.315 |
| **Fuel used:** | - | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.078 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue gases | 9.29 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gases | 44 | | °C | |
| Flow/volume of flue Gases | 2589.2 | | $m^3$/Hr | |
| Particulate Matter | 42.96 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/12-69

Report Date: 24.12.2025

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 09.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 13:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | S-13 Bag Filter Blower (BLW-602) |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-69 |
| **Sample Quantity & Container:** | Thimble: 1Nos. | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | S-13 Bag Filter Blower (BLW-602) | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | - | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue gases | 10.05 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gases | 50 | | °C | |
| Flow/volume of flue Gases | 1773.6 | | $m^3$/Hr | |
| Particulate Matter | 41.63 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**

24/12/25

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

24/12/25

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

24/12/25

Neha S. Apte.

**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/25/12-64** **Report Date: 24.12.2025**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 10.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 16:15 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | S-7 Vent Sorb Blower Plant 2 BLW 501 |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-64 |
| **Sample Quantity & Container:** | Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-7 Vent Sorb Blower Plant 2 BLW 501 | **Stack Diameter (m):** | 0.05 |
| **Fuel used:** | -- | **Stack Height (m):** | 25 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.00196 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue gases** | 6.51 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gases** | 32 | | °C | |
| **Flow/volume of flue Gases** | 46.0 | | $m^3$/Hr | |
| **Particulate Matter** | 44.31 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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QCI-NABET accredited EIA consultant
ISO 9001:2015 Certified Company
Certified by ISO 45001 - 2018

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/25/12-65** **Report Date: 24.12.2025**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 12.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 11:00 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | S-8 Vent Blower Plant 3 BLW 605 |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 30°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-65 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | S-8 Vent Blower Plant 3 BLW 605 | **Stack Diameter (m):** | 0.2 |
| **Fuel used:** | - | **Stack Height (m):** | 13.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0314 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Organic Concentrations | 0.078 | 100 | $mg/Nm^3$ | GFL/SOP/GCMS-05 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**
Raut 24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 24/12/25
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
Apte 24/12/25
Neha S Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/25/12-65** **Report Date: 24.12.2025**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 12.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 11:00 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | S-8 Vent Blower Plant 3 BLW 605 |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 30°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-65 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-8 Vent Blower Plant 3 BLW 605 | **Stack Diameter (m):** | 0.2 |
| **Fuel used:** | - | **Stack Height (m):** | 13.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0314 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue gases** | 5.67 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gases** | 36 | | °C | |
| **Flow/volume of flue Gases** | 640.9 | | $m^3$/Hr | |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/25/12-66** **Report Date: 24.12.2025**

# Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 10.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 17:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | S-10 Emergency Chlorine Blower |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 32$^0$C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-66 |
| **Sample Quantity & Container:** | Chlorine:1Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | S-10 Emergency Chlorine Blower | **Stack Diameter (m):** | 0.85 |
| **Fuel used:** | - | **Stack Height (m):** | 17.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.567 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue gases** | 5.92 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gases** | 32 | | $^0$C | |
| **Flow/volume of flue Gases** | 12103.4 | | m$^3$/Hr | |
| **Chlorine** | <0.40 | 5 | mg/m$^3$ | USEPA 0051, USEPA 9057 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| **Analyzed by** | **Reviewed by** | **Authorized by** |
|---|---|---|
| 24/12/25 | 24/12/25 | 24/12/25 |
| Vaibhav Raut | Taidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-B

Report Date: 24.12.2025

Report Ref. No.: GFL/AS/R/25/12-60

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 11.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | DG Stack 1500 KVA |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-60 |
| **Sample Quantity & Container:** | $SO_2$:1Bottle; $NO_x$:1Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | DG Stack 1500 KVA | **Stack Diameter (m):** | 0.15 |
| **Fuel used:** | Diesel | **Stack Height (m):** | 6.0 |
| **Fuel consumption:** | - | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.018 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue gases** | 9.74 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gases** | 162 | | °C | |
| **Flow/volume of flue Gases** | 639.5 | | $m^3$/Hr | |
| **Particulate Matter** | 34.86 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Sulphur Dioxide** | 45.02 | -- | $mg/Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.69 | 160 | Kg/day | By calculation |
| **Oxides of Nitrogen** | 35.57 | -- | $mg/Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**

24/12/25

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

24/12/25

Jaidip Patil

**Name, Sign & Date**
**(DTM / TM)**

**Authorized by**

24/12/25

Neha S. Apte.

**Name, Sign & Date**
**(Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

**Report Date: 24.12.2025**

**Report Ref. No.: GFL/AS/R/25/12-61**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 11.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | Boiler Stack No. 12663 |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 33°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-61 |
| **Sample Quantity & Container:** | $SO_2$:1Bottle; $NO_x$:1Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | Boiler Stack No. 12663 | **Stack Diameter (m):** | 1.50 |
| **Fuel used:** | Briquette / LSHS | **Stack Height (m):** | 40.0 |
| **Fuel consumption:** | 22.4 MT/M | **Shape of Stack:** | Circular |
| **Number of port holes:** | 3 | **Area of Stack ($m^2$):** | 1.7663 |
| **Platform available:** | Yes | **Details of APCD System:** | Bag Filter |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue gases | 6.83 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gases | 124 | | °C | |
| Flow/volume of flue Gases | 43429.7 | | $m^3$/Hr | |
| Particulate Matter | 42.35 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 28.14 | -- | mg/$Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 29.33 | 621 | Kg/day | By Calculation |
| Oxides of Nitrogen | 37.30 | -- | mg/$Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**
24/12/25
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
24/12/25
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
24/12/25
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-B

**Report Date: 24.12.2025**

**Report Ref. No.: GFL/AS/R/25/12-62**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry:** M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042. | | | |
| **Date of Sampling:** | 10.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:15 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | S-5 Ventillation Blower-(Phase 1) Blower 201 |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 31$^0$C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-62 |
| **Sample Quantity & Container:** | Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-5 Ventillation Blower-(Phase 1) Blower 201 | **Stack Diameter (m):** | 0.15 |
| **Fuel used:** | - | **Stack Height (m):** | 27.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.0176 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue gases | 6.21 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gases | 52 | | $^0$C | |
| Flow/volume of flue Gases | 395.7 | | m$^3$/Hr | |
| Particulate Matter | 42.12 | 150 | mg/Nm$^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**

24/12/25

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

24/12/25

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

24/12/25

Neha S. Apte.

**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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TC-16166

QF/LA/10-B

Report Date: 24.12.2025

Report Ref. No.: GFL/AS/R/25/12-63

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 10.12.2025 | **Sample Description:** | Stack |
| **Sampling Time:** | 14:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 29.11.2025 | **Sampling Location:** | S-6 Acid Scrubber C- 502 |
| **Date of Receipt of Sample:** | 15.12.2025 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 15.12.2025 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 24.12.2025 | **Sample Code:** | GFL/AS/25/12-63 |
| **Sample Quantity & Container:** | Acidmist:1Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | S-6 Acid Scrubber C- 502 | **Stack Diameter (m):** | 0.45 |
| **Fuel used:** | -- | **Stack Height (m):** | 25.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.1590 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue gases | 6.13 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gases | 33 | | °C | |
| Flow/volume of flue Gases | 3508.0 | | $m^3$/Hr | |
| Acidmist | <16.00 | 20 | mg/$Nm^3$ | USEPA Method 8: 2019 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

| For Goldfinch Laboratory<br>Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 24/12/25 | 24/12/25 | 24/12/25 |
| Vaibhav Raut | Jaidip Patil | Nela S-Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



---------- End of Report ----------

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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/01-342** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 21.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 12:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | DG Stack 1500 KVA |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-342 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_x$:1 Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | DG Stack 1500 KVA | **Stack Diameter (m):** | 0.15 |
| **Fuel used:** | HSD | **Stack Height (m):** | 6.0 |
| **Fuel consumption:** | - | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.018 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 9.01 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 159 | | °C | |
| Flow/volume of flue Gas | 590.3 | | $m^3$/Hr | |
| Particulate Matter | 30.75 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 39.39 | -- | mg/$Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.56 | 160 | Kg/day | By Calculation |
| Oxides of Nitrogen | 29.03 | -- | mg/$Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/01-343

Report Date: 03.02.2026

## Analysis Test Report for Stack Emissions Monitoring

| Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042. | | | |
|---|---|---|---|
| **Date of Sampling:** | 20.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 14:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | Boiler Stack No. 12663 |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-343 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_x$:1 Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| Stack Details | | | |
|---|---|---|---|
| **Stack Attached To:** | Boiler Stack No. 12663 | **Stack Diameter (m):** | 1.50 |
| **Fuel used:** | Briquette / LSHS | **Stack Height (m):** | 40.0 |
| **Fuel consumption:** | 22.4 MT/M | **Shape of Stack:** | Circular |
| **Number of port holes:** | 3 | **Area of Stack ($m^2$):** | 1.7663 |
| **Platform available:** | Yes | **Details of APCD System:** | Bag Filter |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 6.96 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 129 | | °C | |
| Flow/volume of flue Gas | 44296.2 | | $m^3$/Hr | |
| Particulate Matter | 40.61 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 33.77 | -- | mg/$Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 35.90 | -- | Kg/day | By Calculation |
| Oxides of Nitrogen | 33.39 | -- | mg/$Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

For Goldfinch Laboratory

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Taidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/01-344

Report Date: 03.02.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 23.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 09:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | S-5 Ventilation Blower-(Phase 1) Blower 201 |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-344 |
| **Sample Quantity & Container:** | Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-5 Ventilation Blower-(Phase 1) Blower 201 | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | - | **Stack Height (m):** | 27.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0490 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.58 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 37 | | °C | |
| Flow/volume of flue Gas | 984.3 | | $m^3$/Hr | |
| Particulate Matter | 38.02 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/01-345** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 23.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 11:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | S-6 Acid Scrubber C- 502 |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-345 |
| **Sample Quantity & Container:** | Acidmist:1 Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-6 Acid Scrubber C- 502 | **Stack Diameter (m):** | 0.45 |
| **Fuel used:** | -- | **Stack Height (m):** | 25.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.1590 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.94 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 35 | | °C | |
| Flow/volume of flue Gas | 3399.3 | | $m^3$/Hr | |
| Acidmist | <16.00 | 20 | mg/$Nm^3$ | USEPA Method 8: 2019 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 03/02/26 | Patil 03/02/26 | 3/2/26 |
| Vaibhav Raut | Taidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/01-346** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 22.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 14:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | S-7 Vent Sorb Blower Plant 2 BLW 501 |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-346 |
| **Sample Quantity & Container:** | Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-7 Vent Sorb Blower Plant 2 BLW 501 | **Stack Diameter (m):** | 0.05 |
| **Fuel used:** | -- | **Stack Height (m):** | 25.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.00196 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 6.13 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 44 | | °C | |
| Flow/volume of flue Gas | 1103.4 | | $m^3$/Hr | |
| Particulate Matter | 35.98 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
Vaibhav Raut 03/02/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 03/02/26
Taidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
Apte 3/2/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/01-348** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 21.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 16:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | S-10 Emergency Chlorine Blower |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-348 |
| **Sample Quantity & Container:** | Chlorine:1 Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-10 Emergency Chlorine Blower | **Stack Diameter (m):** | 0.85 |
| **Fuel used:** | - | **Stack Height (m):** | 17.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.567 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.87 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 34 | | °C | |
| Flow/volume of flue Gas | 11999.2 | | $m^3$/Hr | |
| Chlorine | 2.55 | 5 | mg/$m^3$ | USEPA 0051, USEPA 9057 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
Raut 03/02/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 03/02/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
3/2/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/01-349

Report Date: 03.02.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 21.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 14:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | S-11 Ammonia scrubber C- 1203 |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 33°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-349 |
| **Sample Quantity & Container:** | Ammonia:1 Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-11 Ammonia scrubber C- 1203 | **Stack Diameter (m):** | 0.05 |
| **Fuel used:** | - | **Stack Height (m):** | 20.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.002 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 7.07 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 40 | | °C | |
| Flow/volume of flue Gas | 49.8 | | $m^3$/Hr | |
| Ammonia | <7.00 | 50 | $mg/m^3$ | IS 11255 (Part 7):2005 Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Taidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/01-350** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 20.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 11:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | S-12 Bag Filter Blower (BLW-601) |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-350 |
| **Sample Quantity & Container:** | Thimble: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-12 Bag Filter Blower (BLW-601) | **Stack Diameter (m):** | 0.315 |
| **Fuel used:** | - | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.078 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 8.07 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 50 | | °C | |
| Flow/volume of flue Gas | 2262.3 | | $m^3$/Hr | |
| Particulate Matter | 32.50 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 03/02/26 | Patil 03/02/26 | Apte 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/01-351

Report Date: 03.02.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 20.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 13:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | S-13 Bag Filter Blower (BLW-602) |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 32$^0$C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-351 |
| **Sample Quantity & Container:** | Thimble: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-13 Bag Filter Blower (BLW-602) | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | - | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 8.70 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 51 | | $^0$C | |
| Flow/volume of flue Gas | 1534.6 | | m$^3$/Hr | |
| Particulate Matter | 35.53 | 150 | mg/Nm$^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/01-352** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 20.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | S-14 Bag Filter Blower (BLW-603) |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 33°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-352 |
| **Sample Quantity & Container:** | Thimble: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-14 Bag Filter Blower (BLW-603) | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 7.33 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 32 | | °C | |
| Flow/volume of flue Gas | 1292.1 | | $m^3$/Hr | |
| Particulate Matter | 38.14 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
03/02/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
03/02/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
3/2/26
Neha S. Apte
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/01-354** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 21.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 14:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | Fire Pump Diesel Engine |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 33°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-354 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_x$:1 Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | Fire Pump Diesel Engine | **Stack Diameter (m):** | 0.125 |
| **Fuel used:** | Diesel | **Stack Height (m):** | 1.00 |
| **Fuel consumption:** | 22 lit/hrs | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0123 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue Gas** | 9.98 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gas** | 161 | | °C | |
| **Flow/volume of flue Gas** | 439.4 | | $m^3$/Hr | |
| **Particulate Matter** | 39.20 | -- | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Sulphur Dioxide** | 28.14 | -- | $mg/Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.30 | -- | Kg/day | By Calculations |
| **Oxides of Nitrogen** | 29.26 | -- | $mg/Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| **Analyzed by** | **Reviewed by** | **Authorized by** |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/01-347** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 20.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:00 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | S-8 Vent Blower Plant 3 BLW 605 |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-347 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-8 Vent Blower Plant 3 BLW 605 | **Stack Diameter (m):** | 0.29 |
| **Fuel used:** | -- | **Stack Height (m):** | 13.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0660 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.73 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 36 | | °C | |
| Flow/volume of flue Gas | 1361.4 | | $m^3$/Hr | |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| **Analyzed by** | **Reviewed by** | **Authorized by** |
|---|---|---|
| 03/02/26 | 03/2/26 | 3/2/26 |
| Vaibhav Raut | Taidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


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Certified by ISO 45001 - 2018

**QF/LA/10-B**

**Report Ref. No.: GFL/AS/R/26/01-347** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 20.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:00 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | S-8 Vent Blower Plant 3 BLW 605 |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 32$^0$C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-347 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-8 Vent Blower Plant 3 BLW 605 | **Stack Diameter (m):** | 0.29 |
| **Fuel used:** | -- | **Stack Height (m):** | 13.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.0660 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Organic Concentrations** | ND | 100 | mg/Nm$^3$ | GFL/SOP/GCMS-05 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| **Analyzed by** | **Reviewed by** | **Authorized by** |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



---------- End of Report ----------

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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/01-353** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 22.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 16:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | General common scrubber |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-353 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | General common scrubber | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 30.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.63 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 37 | | °C | |
| Flow/volume of flue Gas | 993.1 | | $m^3$/Hr | |
| Toluene | <0.005 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.019 | 100 | $mg/Nm^3$ | By Calculation |
| Acetone | <0.003 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.007 | 100 | $mg/Nm^3$ | By Calculation |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 03/02/26 | 03/02/26 | 3/2/26 |
| Vaibhav Raut | Daidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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Certified by ISO 45001 - 2018




**Report Ref. No.: GFL/AS/R/26/01-353** **Report Date: 03.02.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 22.01.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 16:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | General common scrubber |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Environmental Conditions:** | **Temp:** 31$^0$C |
| **Date of Analysis Started:** | 27.01.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 03.02.2026 | **Sample Code:** | GFL/AS/26/01-353 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | General common scrubber | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 30.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Xylene | <0.001 | -- | ppm | GFL/SOP/GC-01 |
| | <0.004 | 100 | mg/Nm$^3$ | By Calculation |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 03/02/26 | Patil 03/02/26 | Apte 3/2/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-432** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 18.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 11:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | DG Stack 1500 KVA |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-432 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_x$:1 Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | DG Stack 1500 KVA | **Stack Diameter (m):** | 0.15 |
| **Fuel used:** | HSD | **Stack Height (m):** | 6.0 |
| **Fuel consumption:** | 10MT/M | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.018 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 8.22 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 158 | | °C | |
| Flow/volume of flue Gas | 520.8 | | $m^3$/Hr | |
| Particulate Matter | 38.19 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 102.73 | -- | $mg/Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 1.28 | 160 | Kg/day | By Calculation |
| Oxides of Nitrogen | 36.73 | -- | $mg/Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/03/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
4/3/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- **End of Report** ----------

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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-433** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 21.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 11:15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | Boiler Stack No. 12663 |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-433 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_x$:1 Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | Boiler Stack No. 12663 | **Stack Diameter (m):** | 1.50 |
| **Fuel used:** | Briquette / LSHS | **Stack Height (m):** | 40.0 |
| **Fuel consumption:** | 22.4 MT/M | **Shape of Stack:** | Circular |
| **Number of port holes:** | 3 | **Area of Stack ($m^2$):** | 1.7663 |
| **Platform available:** | Yes | **Details of APCD System:** | Bag Filter |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 6.87 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 128 | | °C | |
| Flow/volume of flue Gas | 43708.4 | | $m^3$/Hr | |
| Particulate Matter | 31.18 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 48.66 | -- | mg/$Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 51.05 | -- | Kg/day | By Calculation |
| Oxides of Nitrogen | 35.22 | -- | mg/$Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
Vaibhav Raut 04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 04/03/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
Neha 4/3/26
Neha S. Apte
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- **End of Report** ----------

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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-435** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 17.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 12:15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | S-6 Acid Scrubber C- 502 |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 30°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-435 |
| **Sample Quantity & Container:** | Acidmist:1 Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-6 Acid Scrubber C- 502 | **Stack Diameter (m):** | 0.45 |
| **Fuel used:** | -- | **Stack Height (m):** | 25.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.1590 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.39 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 36 | | °C | |
| Flow/volume of flue Gas | 3067.2 | | $m^3$/Hr | |
| Acidmist | <16.00 | 20 | mg/$Nm^3$ | USEPA Method 8: 2019 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/03/26 | 04/03/26 | 4/3/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Aste. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-434** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 18.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 16:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | S-5 Ventilation Blower-(Phase 1) Blower 201 |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-434 |
| **Sample Quantity & Container:** | Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | S-5 Ventilation Blower-(Phase 1) Blower 201 | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 27.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0490 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue Gas** | 5.97 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gas** | 54 | | °C | |
| **Flow/volume of flue Gas** | 1053.1 | | $m^3$/Hr | |
| **Particulate Matter** | 22.72 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 04/03/26 | Patil 04/03/26 | Ashok 4/3/26 |
| Vaibhav Raut | Jaidip Patil | Nisha S. Ashok. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-436** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 19.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | S-7 Vent Sorb Blower Plant 2 BLW 501 |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 30°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-436 |
| **Sample Quantity & Container:** | Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-7 Vent Sorb Blower Plant 2 BLW 501 | **Stack Diameter (m):** | 0.45 |
| **Fuel used:** | -- | **Stack Height (m):** | 25.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.158 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue Gas** | 5.75 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gas** | 37 | | °C | |
| **Flow/volume of flue Gas** | 3274.8 | | $m^3/Hr$ | |
| **Particulate Matter** | 34.14 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/03/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
4/3/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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QCI-NABET accredited EIA consultant
ISO 9001:2015 Certified Company
Certified by ISO 45001 - 2018


**QF/LA/10-B**

**Report Ref. No.: GFL/AS/R/26/02-437** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 17.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | S-8 Vent Blower Plant 3 BLW 605 |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-437 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-8 Vent Blower Plant 3 BLW 605 | **Stack Diameter (m):** | 0.29 |
| **Fuel used:** | -- | **Stack Height (m):** | 13.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0660 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Organic Concentrations** | ND | 100 | $mg/Nm^3$ | GFL/SOP/GCMS-05 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| **Analyzed by** | **Reviewed by** | **Authorized by** |
|---|---|---|
| 04/03/26 | 04/03/26 | 4/3/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



---------- **End of Report** ----------

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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-437** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 17.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | S-8 Vent Blower Plant 3 BLW 605 |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-437 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-8 Vent Blower Plant 3 BLW 605 | **Stack Diameter (m):** | 0.29 |
| **Fuel used:** | -- | **Stack Height (m):** | 13.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0660 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.35 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 35 | | °C | |
| Flow/volume of flue Gas | 1272.9 | | $m^3$/Hr | |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| **Analyzed by** | **Reviewed by** | **Authorized by** |
|---|---|---|
| 04/03/26 | 04/03/26 | 4/3/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-438** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 17.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | S-10 Emergency Chlorine Blower |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-438 |
| **Sample Quantity & Container:** | Chlorine:1 Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-10 Emergency Chlorine Blower | **Stack Diameter (m):** | 0.85 |
| **Fuel used:** | - | **Stack Height (m):** | 17.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.567 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue Gas** | 5.68 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gas** | 37 | | °C | |
| **Flow/volume of flue Gas** | 11072.8 | | $m^3$/Hr | |
| **Chlorine** | 3.64 | 5 | $mg/m^3$ | USEPA 0051, USEPA 9057 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**

04/03/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

04/03/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

4/3/26

Neha S. Apte

**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-439** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 19.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 16:15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | S-11 Ammonia scrubber C- 1203 |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 30°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-439 |
| **Sample Quantity & Container:** | Ammonia:1 Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-11 Ammonia scrubber C- 1203 | **Stack Diameter (m):** | 0.05 |
| **Fuel used:** | - | **Stack Height (m):** | 20.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.002 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue Gas** | 5.97 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gas** | 39 | | °C | |
| **Flow/volume of flue Gas** | 42.12 | | $m^3$/Hr | |
| **Ammonia** | <7.00 | 50 | $mg/m^3$ | IS 11255 (Part 7):2005 Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/03/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
4/3/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-440** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 19.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 11:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | S-12 Bag Filter Blower (BLW-601) |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-440 |
| **Sample Quantity & Container:** | Thimble: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | S-12 Bag Filter Blower (BLW-601) | **Stack Diameter (m):** | 0.315 |
| **Fuel used:** | - | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.078 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 10.60 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 64 | | °C | |
| Flow/volume of flue Gas | 2970.2 | | $m^3$/Hr | |
| Particulate Matter | 34.90 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
Vaibhav Raut 04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 04/03/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
Apte 4/3/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-441** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 19.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 12:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | S-13 Bag Filter Blower (BLW-602) |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-441 |
| **Sample Quantity & Container:** | Thimble: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-13 Bag Filter Blower (BLW-602) | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue Gas** | 9.77 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gas** | 62 | | °C | |
| **Flow/volume of flue Gas** | 1724.2 | | $m^3$/Hr | |
| **Particulate Matter** | 29.25 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
Raut 04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 04/03/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
Apte 4/3/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-442** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 18.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | General common scrubber |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-442 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | General common scrubber | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 30.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Xylene | 0.048 | -- | ppm | GFL/SOP/GC-01 |
| | 0.208 | 100 | $mg/Nm^3$ | By Calculation |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 04/03/26 | Patil 04/03/26 | Apte 4/3/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
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Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-442** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 18.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | General common scrubber |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-442 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | General common scrubber | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 30.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.67 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 38 | | °C | |
| Flow/volume of flue Gas | 1000.1 | | $m^3$/Hr | |
| Toluene | <0.005 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.019 | 100 | mg/$Nm^3$ | By Calculation |
| Acetone | <0.003 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.007 | 100 | mg/$Nm^3$ | By Calculation |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
Raut 04/03/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 04/03/26
Jaidip Patil
**Name, Sign & Date (~~DTM~~ / TM)**

**Authorized by**
Apte 4/3/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/02-443** **Report Date: 04.03.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 18.02.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.01.2026 | **Sampling Location:** | Fire Pump Diesel Engine |
| **Date of Receipt of Sample:** | 23.02.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 23.02.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 04.03.2026 | **Sample Code:** | GFL/AS/26/02-443 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_x$:1 Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | Fire Pump Diesel Engine | **Stack Diameter (m):** | 0.125 |
| **Fuel used:** | Diesel | **Stack Height (m):** | 1.00 |
| **Fuel consumption:** | 22 lit/hrs | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0123 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue Gas** | 8.63 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gas** | 154 | | °C | |
| **Flow/volume of flue Gas** | 382.1 | | $m^3$/Hr | |
| **Particulate Matter** | 42.44 | -- | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Sulphur Dioxide** | 27.03 | -- | $mg/Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.25 | -- | Kg/day | By Calculations |
| **Oxides of Nitrogen** | 37.57 | -- | $mg/Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/97**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/03/26 | 04/03/26 | 4/3/26 |
| Vaibhav Raut | Jaidip Patil | Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



---------- End of Report ----------

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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/03-324** **Report Date: 07.04.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 27.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 11:40Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | DG Stack 1500 KVA |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 757 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-324 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_x$:1 Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | DG Stack 1500 KVA | **Stack Diameter (m):** | 0.15 |
| **Fuel used:** | HSD | **Stack Height (m):** | 6.0 |
| **Fuel consumption:** | 10MT/M | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.018 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 11.75 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 150 | | °C | |
| Flow/volume of flue Gas | 747.1 | | $m^3$/Hr | |
| Particulate Matter | 36.26 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 43.26 | -- | $mg/Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.78 | 160 | Kg/day | By Calculation |
| Oxides of Nitrogen | 37.58 | -- | $mg/Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
Raut 07/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 07/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
Patil 07/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/03-325

Report Date: 07.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042. | | | |
|---|---|---|---|
| **Date of Sampling:** | 26.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 13:45Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | Boiler Stack No. 12663 |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 34°C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-325 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_x$:1 Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | Boiler Stack No. 12663 | **Stack Diameter (m):** | 1.50 |
| **Fuel used:** | Briquette | **Stack Height (m):** | 40.0 |
| **Fuel consumption:** | 40 Ton/day | **Shape of Stack:** | Circular |
| **Number of port holes:** | 2 | **Area of Stack ($m^2$):** | 1.7663 |
| **Platform available:** | Yes | **Details of APCD System:** | Bag Filter |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 7.20 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 128 | | °C | |
| Flow/volume of flue Gas | 45839.4 | | $m^3$/Hr | |
| Particulate Matter | 38.06 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 31.85 | -- | $mg/Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 41.64 | -- | Kg/day | By Calculation |
| Oxides of Nitrogen | 41.80 | -- | $mg/Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**
Vaibhav Raut 07/04/26
Vaibhav Raut
Name, Sign & Date

**Reviewed by**
Taidip Patil 07/04/26
Taidip Patil
Name, Sign & Date
~~(DTM~~ / TM)

**Authorized by**
Taidip Patil 07/04/26
Taidip Patil
Name, Sign & Date
(Authorized Signatory TM / ~~QM~~)



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/03-331

Report Date: 07.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 26.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 11:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | S-14 Bag Filter Blower (BLW-603) |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-331 |
| **Sample Quantity & Container:** | Thimble: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-14 Bag Filter Blower (BLW-603) | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.90 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 45 | | °C | |
| Flow/volume of flue Gas | 1042.9 | | $m^3$/Hr | |
| Particulate Matter | 28.72 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**
07/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
07/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
07/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/03-326

Report Date: 07.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 24.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | S-5 Ventilation Blower-(Phase 1) Blower 201 |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 756 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-326 |
| **Sample Quantity & Container:** | Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-5 Ventilation Blower-(Phase 1) Blower 201 | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 27.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0490 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 6.01 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 44 | | °C | |
| Flow/volume of flue Gas | 1061.4 | | $m^3$/Hr | |
| Particulate Matter | 19.78 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**

07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

07/04/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

07/04/26

Jaidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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QCI-NABET accredited EIA consultant
ISO 9001:2015 Certified Company
Certified by ISO 45001 - 2018



**Report Ref. No.: GFL/AS/R/26/03-327** **Report Date: 07.04.2026**

# Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 25.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | S-8 Vent Blower Plant 3 BLW 605 |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 33$^0$C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-327 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-8 Vent Blower Plant 3 BLW 605 | **Stack Diameter (m):** | 0.29 |
| **Fuel used:** | -- | **Stack Height (m):** | 13.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.0660 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Organic Concentrations** | 0.035 | 100 | mg/Nm$^3$ | GFL/SOP/GCMS-05 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
07/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
07/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
07/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/03-327

Report Date: 07.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 25.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | S-8 Vent Blower Plant 3 BLW 605 |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 33$^0$C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-327 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-8 Vent Blower Plant 3 BLW 605 | **Stack Diameter (m):** | 0.29 |
| **Fuel used:** | -- | **Stack Height (m):** | 13.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.0660 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.66 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 45 | | $^0$C | |
| Flow/volume of flue Gas | 1346.3 | | m$^3$/Hr | |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 07/04/26 | Patil 07/04/26 | Patil 07/04/26 |
| Vaibhav Raut | Jaidip Patil | Jaidip Patil |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



---------- End of Report ----------

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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/03-328

Report Date: 07.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 25.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 13:40Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | S-10 Emergency Chlorine Blower |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 34°C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 756 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-328 |
| **Sample Quantity & Container:** | Chlorine:1 Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-10 Emergency Chlorine Blower | **Stack Diameter (m):** | 0.85 |
| **Fuel used:** | - | **Stack Height (m):** | 17.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.567 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| **Velocity of flue Gas** | 6.10 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| **Temperature of flue Gas** | 43 | | °C | |
| **Flow/volume of flue Gas** | 12454.8 | | $m^3$/Hr | |
| **Chlorine** | 0.86 | 5 | $mg/m^3$ | USEPA 0051, USEPA 9057 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**

Raut 07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

Patil 07/04/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

Patil 07/04/26

Jaidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/03-329** **Report Date: 07.04.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 24.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 13:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | S-12 Bag Filter Blower (BLW-601) |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 34$^0$C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-329 |
| **Sample Quantity & Container:** | Thimble: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C | | **Humidity:** 30-80% | |

| | | | |
|---|---|---|---|
| **Stack Details** | | | |
| **Stack Attached To:** | S-12 Bag Filter Blower (BLW-601) | **Stack Diameter (m):** | 0.315 |
| **Fuel used:** | - | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.078 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.57 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 45 | | $^0$C | |
| Flow/volume of flue Gas | 1563.7 | | m$^3$/Hr | |
| Particulate Matter | 29.50 | 150 | mg/Nm$^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
07/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
07/04/26
Taidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
07/04/26
Taidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/03-330** **Report Date: 07.04.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 24.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | S-13 Bag Filter Blower (BLW-602) |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 34°C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 756 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-330 |
| **Sample Quantity & Container:** | Thimble: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-13 Bag Filter Blower (BLW-602) | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 22.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 6.03 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 47 | | °C | |
| Flow/volume of flue Gas | 1065.9 | | $m^3$/Hr | |
| Particulate Matter | 29.01 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
07/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
07/04/26
Jaidip Patil
**Name, Sign & Date**
**(DTM / TM)**

**Authorized by**
07/04/26
Jaidip Patil
**Name, Sign & Date**
**(Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/03-332

Report Date: 07.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 25.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | General common scrubber |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 33$^0$C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-332 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | General common scrubber | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 30.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.38 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 45 | | $^0$C | |
| Flow/volume of flue Gas | 951.1 | | m$^3$/Hr | |
| Toluene | <0.005 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.019 | 100 | mg/Nm$^3$ | By Calculation |
| Acetone | <0.003 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.007 | 100 | mg/Nm$^3$ | By Calculation |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
07/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
07/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
07/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



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ISO 9001:2015 Certified Company
Certified by ISO 45001 - 2018

**QF/LA/10-B**

**Report Ref. No.: GFL/AS/R/26/03-332** **Report Date: 07.04.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 25.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:15Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | General common scrubber |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 33$^0$C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-332 |
| **Sample Quantity & Container:** | Charcoal Tube: 1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | General common scrubber | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 30.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Xylene | <0.001 | -- | ppm | GFL/SOP/GC-01 |
| | <0.004 | 100 | mg/Nm$^3$ | By Calculation |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
07/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
07/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
07/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/03-333

Report Date: 07.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 27.03.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 13:35Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 27.02.2026 | **Sampling Location:** | Fire Pump Diesel Engine |
| **Date of Receipt of Sample:** | 31.03.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 31.03.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 07.04.2026 | **Sample Code:** | GFL/AS/26/03-333 |
| **Sample Quantity & Container:** | $SO_2$:1 Bottle; $NO_x$:1 Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | Fire Pump Diesel Engine | **Stack Diameter (m):** | 0.125 |
| **Fuel used:** | Diesel | **Stack Height (m):** | 1.00 |
| **Fuel consumption:** | 22 lit/hrs | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0123 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 8.73 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 108 | | °C | |
| Flow/volume of flue Gas | 385.6 | | $m^3$/Hr | |
| Particulate Matter | 34.10 | -- | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 27.03 | -- | $mg/Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.25 | -- | Kg/day | By Calculations |
| Oxides of Nitrogen | 35.77 | -- | $mg/Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**

07/04/26

Vaibhav Raut

**Name, Sign & Date**

**Reviewed by**

07/04/26

Jaidip Patil

**Name, Sign & Date (DTM / TM)**

**Authorized by**

07/04/26

Jaidip Patil

**Name, Sign & Date (Authorized Signatory TM / QM)**



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QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/04-72

Report Date: 23.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175. | | | |
|---|---|---|---|
| **Date of Sampling:** | 11.04.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Location:** | General common scrubber |
| **Date of Receipt of Sample:** | 15.04.2026 | **Sampling Environmental Conditions:** | **Temp:** 33°C |
| **Date of Analysis Started:** | 15.04.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 22.04.2026 | **Sample Code:** | GFL/AS/26/04-72 |
| **Sample Quantity & Container:** | Charcoal Tube: 2 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| Stack Details | | | |
|---|---|---|---|
| **Stack Attached To:** | General common scrubber | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 30.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Xylene | 0.002 | -- | ppm | GFL/SOP/GC-01 |
| | 0.009 | 100 | $mg/Nm^3$ | By Calculation |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 23/04/26 | 23/04/26 | 23/04/26 |
| Vaibhav Raut | Daidip Patil | Daidip Patil |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



---------- End of Report ----------

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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/04-67

Report Date: 23.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175. | | | |
|---|---|---|---|
| **Date of Sampling:** | 10.04.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 13:50Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Location:** | DG Stack 1500 KVA |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 15.04.2026 | | **Barometer Pressure:** 757 mmHg |
| **Date of Analysis Completed:** | 22.04.2026 | **Sample Code:** | GFL/AS/26/04-67 |
| **Sample Quantity & Container:** | $SO_2$:1Bottle; $NO_x$:1Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| Stack Details | | | |
|---|---|---|---|
| **Stack Attached To:** | DG Stack 1500 KVA | **Stack Diameter (m):** | 0.15 |
| **Fuel used:** | Diesel | **Stack Height (m):** | 6.0 |
| **Fuel consumption:** | - | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.018 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 11.75 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 150 | | °C | |
| Flow/volume of flue Gas | 747.1 | | $m^3$/Hr | |
| Particulate Matter | 36.94 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 37.85 | -- | mg/$Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.68 | 160 | Kg/day | By calculation |
| Oxides of Nitrogen | 37.89 | -- | mg/$Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

| For Goldfinch Laboratory Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 23/04/26 | 23/04/26 | 23/04/26 |
| Vaibhav Raut | Jaidip Patil | Jaidip Patil |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



---------- End of Report ----------

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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/04-68

Report Date: 23.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 10.04.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Location:** | Boiler Stack No. 12663 |
| **Date of Receipt of Sample:** | 15.04.2026 | **Sampling Environmental Conditions:** | **Temp:** 34°C |
| **Date of Analysis Started:** | 15.04.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 22.04.2026 | **Sample Code:** | GFL/AS/26/04-68 |
| **Sample Quantity & Container:** | $SO_2$:1Bottle; $NO_x$:1Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | Boiler Stack No. 12663 | **Stack Diameter (m):** | 1.50 |
| **Fuel used:** | Briquette | **Stack Height (m):** | 40.0 |
| **Fuel consumption:** | 40 Ton/day | **Shape of Stack:** | Circular |
| **Number of port holes:** | 2 | **Area of Stack ($m^2$):** | 1.7663 |
| **Platform available:** | Yes | **Details of APCD System:** | Bag Filter |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 7.20 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 128 | | °C | |
| Flow/volume of flue Gas | 45839.4 | | $m^3$/Hr | |
| Particulate Matter | 39.98 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 43.26 | -- | $mg/Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 47.59 | -- | Kg/day | By Calculation |
| Oxides of Nitrogen | 37.65 | -- | $mg/Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 23/04/26 | 23/04/26 | 23/04/26 |
| Vaibhav Raut | Jaidip Patil | Jaidip Patil |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/04-69

Report Date: 23.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175. | | | |
|---|---|---|---|
| **Date of Sampling:** | 08.04.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 16:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Location:** | S-6 Acid Scrubber C- 502 |
| **Date of Receipt of Sample:** | 15.04.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 15.04.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 22.04.2026 | **Sample Code:** | GFL/AS/26/04-69 |
| **Sample Quantity & Container:** | Acidmist:1Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| Stack Details | | | |
|---|---|---|---|
| **Stack Attached To:** | S-6 Acid Scrubber C- 502 | **Stack Diameter (m):** | 0.45 |
| **Fuel used:** | -- | **Stack Height (m):** | 25.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.1590 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.99 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 35 | | °C | |
| Flow/volume of flue Gas | 3424.9 | | $m^3$/Hr | |
| Acidmist | <16.00 | 20 | mg/$Nm^3$ | USEPA Method 0008 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**
23/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
23/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
23/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/04-70

Report Date: 23.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 08.04.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Location:** | S-7 Vent Sorb Blower Plant 2 BLW 501 |
| **Date of Receipt of Sample:** | 15.04.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 15.04.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 22.04.2026 | **Sample Code:** | GFL/AS/26/04-70 |
| **Sample Quantity & Container:** | Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-7 Vent Sorb Blower Plant 2 BLW 501 | **Stack Diameter (m):** | 0.45 |
| **Fuel used:** | -- | **Stack Height (m):** | 25.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.1590 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.98 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 34 | | °C | |
| Flow/volume of flue Gas | 3424.9 | | $m^3$/Hr | |
| Particulate Matter | 17.25 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

**Analyzed by**
23/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
23/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
23/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/04-71

Report Date: 23.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175. | | | |
|---|---|---|---|
| **Date of Sampling:** | 09.04.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:45Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Location:** | S-10 Emergency Chlorine Blower |
| **Date of Receipt of Sample:** | 15.04.2026 | **Sampling Environmental Conditions:** | **Temp:** 34°C |
| **Date of Analysis Started:** | 15.04.2026 | | **Barometer Pressure:** 756 mmHg |
| **Date of Analysis Completed:** | 22.04.2026 | **Sample Code:** | GFL/AS/26/04-71 |
| **Sample Quantity & Container:** | Chlorine:1Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C | | **Humidity:** 30-80% | |

| Stack Details | | | |
|---|---|---|---|
| **Stack Attached To:** | S-10 Emergency Chlorine Blower | **Stack Diameter (m):** | 0.85 |
| **Fuel used:** | - | **Stack Height (m):** | 17.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.567 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 6.10 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 43 | | °C | |
| Flow/volume of flue Gas | 12454.8 | | $m^3$/Hr | |
| Chlorine | 0.70 | 5 | mg/$m^3$ | USEPA 0051, USEPA 9057 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**

23/04/26

Vaibhav Raut

Name, Sign & Date

**Reviewed by**

23/04/26

Jaidip Patil

Name, Sign & Date
(~~DTM~~ / TM)

**Authorized by**

23/04/26

Jaidip Patil

Name, Sign & Date
(Authorized Signatory TM / ~~QM~~)



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/04-72

Report Date: 23.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 11.04.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Location:** | General common scrubber |
| **Date of Receipt of Sample:** | 15.04.2026 | **Sampling Environmental Conditions:** | **Temp:** 33°C |
| **Date of Analysis Started:** | 15.04.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 22.04.2026 | **Sample Code:** | GFL/AS/26/04-72 |
| **Sample Quantity & Container:** | Charcoal Tube: 2 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | General common scrubber | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 30.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.049 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 5.38 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 45 | | °C | |
| Flow/volume of flue Gas | 951.1 | | $m^3$/Hr | |
| Toluene | <0.005 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.019 | 100 | $mg/Nm^3$ | By Calculation |
| Acetone | <0.003 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.007 | 100 | $mg/Nm^3$ | By Calculation |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/50**
**Calibrated on –01.08.2025**
**Calibration due on –01.08.2026**

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 23/04/26 | Patil 23/04/26 | Patil 23/04/26 |
| Vaibhav Raut | Taidip Patil | Taidip Patil |
| Name, Sign & Date | Name, Sign & Date (DTM / TM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/04-73

Report Date: 23.04.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 10.04.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:40Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Location:** | Fire Pump Diesel Engine |
| **Date of Receipt of Sample:** | 15.04.2026 | **Sampling Environmental Conditions:** | **Temp:** 32$^0$C |
| **Date of Analysis Started:** | 15.04.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 22.04.2026 | **Sample Code:** | GFL/AS/26/04-73 |
| **Sample Quantity & Container:** | $SO_2$:1Bottle; $NO_x$:1Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | Fire Pump Diesel Engine | **Stack Diameter (m):** | 0.125 |
| **Fuel used:** | Diesel | **Stack Height (m):** | 1.00 |
| **Fuel consumption:** | 22 lit/hrs | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0123 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of flue Gas | 8.73 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of flue Gas | 108 | | $^0$C | |
| Flow/volume of flue Gas | 385.6 | | $m^3$/Hr | |
| Particulate Matter | 42.59 | -- | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 32.44 | -- | mg/$Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.30 | -- | Kg/day | By Calculations |
| Oxides of Nitrogen | 34.86 | -- | mg/$Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on –01.08.2025
Calibration due on –01.08.2026

**For Goldfinch Laboratory**

**Analyzed by**
23/04/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
23/04/26
Jaidip Patil
**Name, Sign & Date (DTM / TM)**

**Authorized by**
23/04/26
Jaidip Patil
**Name, Sign & Date (Authorized Signatory TM / QM)**



---------- End of Report ----------

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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/05-372** **Report Date: 04.06.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 20.05.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 13:50Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Location:** | DG Stack 1500 KVA |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 26.05.2026 | | **Barometer Pressure:** 757 mmHg |
| **Date of Analysis Completed:** | 03.06.2026 | **Sample Code:** | GFL/AS/26/05-372 |
| **Sample Quantity & Container:** | $SO_2$:1Bottle; $NO_x$:1Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | DG Stack 1500 KVA | **Stack Diameter (m):** | 0.15 |
| **Fuel used:** | Diesel | **Stack Height (m):** | 6.0 |
| **Fuel consumption:** | - | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.018 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of Flue Gas | 11.77 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of Flue Gas | 150 | | °C | |
| Flow/volume of Flue Gas | 748.7 | | $m^3$/Hr | |
| Particulate Matter | 44.67 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 35.09 | -- | mg/$Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.63 | 160 | Kg/day | By calculation |
| Oxides of Nitrogen | 34.92 | -- | mg/$Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/96
Calibrated on –29.11.2025
Calibration due on –29.11.2026

**For Goldfinch Laboratory**

**Analyzed by**
Raut 04/06/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 04/06/26
Jaidip Patil
**Name, Sign & Date**
**(~~DTM~~ / TM / ~~QM~~)**

**Authorized by**
Patil 04/06/26
Jaidip Patil
**Name, Sign & Date**
**(Authorized Signatory TM / ~~QM~~)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/05-374** **Report Date: 04.06.2026**

# Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 21.05.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Location:** | S-5 Ventilation Blower- (Phase 1) Blower 201 |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 26.05.2026 | | **Barometer Pressure:** 756 mmHg |
| **Date of Analysis Completed:** | 03.06.2026 | **Sample Code:** | GFL/AS/26/05-374 |
| **Sample Quantity & Container:** | Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-5 Ventilation Blower- (Phase 1) Blower 201 | **Stack Diameter (m):** | 0.25 |
| **Fuel used:** | -- | **Stack Height (m):** | 27.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0490 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of Flue Gas | 5.95 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of Flue Gas | 37 | | °C | |
| Flow/volume of Flue Gas | 1050.9 | | $m^3/Hr$ | |
| Particulate Matter | 12.72 | 150 | $mg/Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/96
Calibrated on –29.11.2025
Calibration due on –29.11.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/06/26 | 04/06/26 | 04/06/26 |
| Vaibhav Raut | Daidip Patil | Daidip Patil |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM / ~~QM~~) | Name, Sign & Date (Authorized Signatory TM / ~~QM~~) |



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TC-16166

QF/LA/10-B

Report Ref. No.: GFL/AS/R/26/05-375

Report Date: 04.06.2026

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 18.05.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 16:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Location:** | S-6 Acid Scrubber C-502 |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sampling Environmental Conditions:** | **Temp:** 32$^0$C |
| **Date of Analysis Started:** | 26.05.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 03.06.2026 | **Sample Code:** | GFL/AS/26/05-375 |
| **Sample Quantity & Container:** | Acidmist:1Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2$^0$C | | **Humidity:** 30-80% | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-6 Acid Scrubber C-502 | **Stack Diameter (m):** | 0.45 |
| **Fuel used:** | -- | **Stack Height (m):** | 25.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack (m$^2$):** | 0.1590 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of Flue Gas | 5.99 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of Flue Gas | 35 | | $^0$C | |
| Flow/volume of Flue Gas | 3430.8 | | m$^3$/Hr | |
| Acidmist | <16.00 | 20 | mg/Nm$^3$ | USEPA Method 0008 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/96
Calibrated on –29.11.2025
Calibration due on –29.11.2026

**For Goldfinch Laboratory**

**Analyzed by**
04/06/26
Vaibhav Raut
Name, Sign & Date

**Reviewed by**
04/06/26
Jaidip Patil
Name, Sign & Date
(~~DTM~~ / TM / ~~QM~~)

**Authorized by**
04/06/26
Jaidip Patil
Name, Sign & Date
(Authorized Signatory TM / ~~QM~~)



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/05-376** **Report Date: 04.06.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 18.05.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:30 Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Location:** | S-7 Vent Sorb Blower Plant 2 BLW 501 |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sampling Environmental Conditions:** | **Temp:** 31°C |
| **Date of Analysis Started:** | 26.05.2026 | | **Barometer Pressure:** 755 mmHg |
| **Date of Analysis Completed:** | 03.06.2026 | **Sample Code:** | GFL/AS/26/05-376 |
| **Sample Quantity & Container:** | Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-7 Vent Sorb Blower Plant 2 BLW 501 | **Stack Diameter (m):** | 0.05 |
| **Fuel used:** | -- | **Stack Height (m):** | 25.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.00196 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of Flue Gas | 6.19 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of Flue Gas | 44 | | °C | |
| Flow/volume of Flue Gas | 43.8 | | $m^3$/Hr | |
| Particulate Matter | 18.84 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/96
Calibrated on –29.11.2025
Calibration due on –29.11.2026

**For Goldfinch Laboratory**

**Analyzed by**
Vaibhav Raut 04/06/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
04/06/26
Jaidip Patil
**Name, Sign & Date**
**(~~DTM~~ / TM / ~~QM~~)**

**Authorized by**
04/06/26
Jaidip Patil
**Name, Sign & Date**
**(Authorized Signatory TM / ~~QM~~)**



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/05-377** **Report Date: 04.06.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 19.05.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:45Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Location:** | S-10 Emergency Chlorine Blower |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sampling Environmental Conditions:** | **Temp:** 34°C |
| **Date of Analysis Started:** | 26.05.2026 | | **Barometer Pressure:** 756 mmHg |
| **Date of Analysis Completed:** | 03.06.2026 | **Sample Code:** | GFL/AS/26/05-377 |
| **Sample Quantity & Container:** | Chlorine:1Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-10 Emergency Chlorine Blower | **Stack Diameter (m):** | 0.85 |
| **Fuel used:** | -- | **Stack Height (m):** | 17.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.567 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of Flue Gas | 6.04 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of Flue Gas | 36 | | °C | |
| Flow/volume of Flue Gas | 12342.5 | | $m^3$/Hr | |
| Chlorine | <0.40 | 5 | mg/$m^3$ | USEPA 0051, USEPA 9057 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/96
Calibrated on –29.11.2025
Calibration due on –29.11.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| Raut 04/06/26 | Patil 04/06/26 | Patil 04/06/26 |
| Vaibhav Raut | Jaidip Patil | Jaidip Patil |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM / ~~QM~~) | Name, Sign & Date (Authorized Signatory TM / ~~QM~~) |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/05-378** **Report Date: 04.06.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 19.05.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 10:30Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Location:** | S-11 Ammonia Scrubber C-1203 |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sampling Environmental Conditions:** | **Temp:** 33°C |
| **Date of Analysis Started:** | 26.05.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 03.06.2026 | **Sample Code:** | GFL/AS/26/05-378 |
| **Sample Quantity & Container:** | Ammonia:1Bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | S-11 Ammonia Scrubber C-1203 | **Stack Diameter (m):** | 0.05 |
| **Fuel used:** | -- | **Stack Height (m):** | 20.0 |
| **Fuel consumption:** | -- | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.00196 |
| **Platform available:** | Yes | **Details of APCD System:** | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of Flue Gas | 7.13 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of Flue Gas | 40 | | °C | |
| Flow/volume of Flue Gas | 50.4 | | $m^3$/Hr | |
| Ammonia | 43.65 | 50 | mg/$Nm^3$ | IS 11255 (Part 6): 1999 Reaffirmed -2019 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/96
Calibrated on –29.11.2025
Calibration due on –29.11.2026

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/06/26 | 04/06/26 | 04/06/26 |
| Vaibhav Raut | Jaidip Patil | Jaidip Patil |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM / ~~QM~~) | Name, Sign & Date (Authorized Signatory TM / ~~QM~~) |



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TC-16166

QF/LA/10-B

**Report Ref. No.: GFL/AS/R/26/05-380** **Report Date: 04.06.2026**

## Analysis Test Report for Stack Emissions Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 20.05.2026 | **Sample Description:** | Stack |
| **Sampling Time:** | 15:40Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.04.2026 | **Sampling Location:** | Fire Pump Diesel Engine |
| **Date of Receipt of Sample:** | 26.05.2026 | **Sampling Environmental Conditions:** | **Temp:** 32°C |
| **Date of Analysis Started:** | 26.05.2026 | | **Barometer Pressure:** 754 mmHg |
| **Date of Analysis Completed:** | 03.06.2026 | **Sample Code:** | GFL/AS/26/05-380 |
| **Sample Quantity & Container:** | $SO_2$:1Bottle; $NO_x$:1Bottle; Thimble:1 | | |
| **Transport Conditions:** | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing: - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| **Stack Details** | | | |
|---|---|---|---|
| **Stack Attached To:** | Fire Pump Diesel Engine | **Stack Diameter (m):** | 0.125 |
| **Fuel used:** | Diesel | **Stack Height (m):** | 1.00 |
| **Fuel consumption:** | 22 lit/hrs | **Shape of Stack:** | Circular |
| **Number of port holes:** | 1 | **Area of Stack ($m^2$):** | 0.0123 |
| **Platform available:** | Yes | **Details of APCD System:** | -- |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of Flue Gas | 8.74 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of Flue Gas | 108 | | °C | |
| Flow/volume of Flue Gas | 386.1 | | $m^3$/Hr | |
| Particulate Matter | 41.92 | -- | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 35.09 | -- | mg/$Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 0.33 | -- | Kg/day | By Calculations |
| Oxides of Nitrogen | 33.55 | -- | mg/$Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

**Sampling Carried out using Stack Monitoring Kit**
**ID No. GOLDFINCH/INS-STACK/96**
**Calibrated on –29.11.2025**
**Calibration due on –29.11.2026**

**For Goldfinch Laboratory**

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/06/26 | 04/06/26 | 04/06/26 |
| Vaibhav Raut | Taidip Patil | Taidip Patil |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM / ~~QM~~) | Name, Sign & Date (Authorized Signatory TM / ~~QM~~) |



---------- End of Report ----------

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...-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
...o@goldfinchengg.com / Website : www.goldfinchengg.com

TC-16166

Report Ref. No.: GFL/AS/R/26/05-379

QF/LA/10-B

# Analysis Test Report for Stack Emissions Monitoring

Report Date: 04.06.2026

**Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.**
**Contact Person: Mr. Rupesh Patil, 9987087175.**

| | | | |
|---|---|---|---|
| Date of Sampling: | 20.05.2026 | Sample Description: | Stack |
| Sampling Time: | 10:30Hrs | Sample Collected by: | Laboratory |
| Sampling Plan: | QF/LA/01B- 30.04.2026 | Sampling Location: | General Common Scrubber |
| Date of Receipt of Sample: | 26.05.2026 | Sampling Environmental Conditions: | Temp: 33°C |
| Date of Analysis Started: | 26.05.2026 | | Barometer Pressure: 754 mmHg |
| Date of Analysis Completed: | 03.06.2026 | Sample Code: | GFL/AS/26/05-379 |
| Sample Quantity & Container: | Charcoal Tube: 1Nos | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| Transport Conditions: | Bottles < 5°C | | |
| Environmental Condition while Testing: - Temperature: 25±2°C | | Humidity: 30-80% | |

| Stack Details | | | |
|---|---|---|---|
| Stack Attached To: | General Common Scrubber | Stack Diameter (m): | 0.25 |
| Fuel used: | -- | Stack Height (m): | 30.0 |
| Fuel consumption: | -- | Shape of Stack: | Circular |
| Number of port holes: | 1 | Area of Stack ($m^2$): | 0.049 |
| Platform available: | Yes | Details of APCD System: | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of Flue Gas | 6.37 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of Flue Gas | 33 | | °C | |
| Flow/volume of Flue Gas | 1125.1 | | $m^3/Hr$ | |
| Toluene | <0.005 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.019 | 100 | $mg/Nm^3$ | By Calculation |
| Acetone | <0.003 | -- | ppm | GFL/SOP/GCMS-05 |
| | <0.007 | 100 | $mg/Nm^3$ | By Calculation |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/96
Calibrated on –29.11.2025
Calibration due on –29.11.2026

**For Goldfinch Laboratory**

**Analyzed by**
04/06/26
Vaibhav Raut
Name, Sign & Date

**Reviewed by**
04/06/26
Jaidip Patil
Name, Sign & Date
(~~DTM~~ / TM / ~~QM~~)

**Authorized by**
04/06/26
Jaidip Patil
Name, Sign & Date
(Authorized Signatory TM / ~~QM~~)

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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


QCI-NABET accredited EIA consultant
ISO 9001:2015 Certified Company
Certified by ISO 45001 - 2018

Report Ref. No.: GFL/AS/R/26/05-379

QF/LA/10-B

## Analysis Test Report for Stack Emissions Monitoring

Report Date: 04.06.2026

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.<br>Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| Date of Sampling: | 20.05.2026 | Sample Description: | Stack |
| Sampling Time: | 10:30Hrs | Sample Collected by: | Laboratory |
| Sampling Plan: | QF/LA/01B- 30.04.2026 | Sampling Location: | General Common Scrubber |
| Date of Receipt of Sample: | 26.05.2026 | Sampling Environmental Conditions: | Temp: 33°C |
| Date of Analysis Started: | 26.05.2026 | | Barometer Pressure: 754 mmHg |
| Date of Analysis Completed: | 03.06.2026 | Sample Code: | GFL/AS/26/05-379 |
| Sample Quantity & Container: | Charcoal Tube: 1Nos | | |
| Transport Conditions: | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| Environmental Condition while Testing: - Temperature: 25±2°C | | Humidity: 30-80% | |

| Stack Details | | | |
|---|---|---|---|
| Stack Attached To: | General Common Scrubber | Stack Diameter (m): | 0.25 |
| Fuel used: | -- | Stack Height (m): | 30.0 |
| Fuel consumption: | -- | Shape of Stack: | Circular |
| Number of port holes: | 1 | Area of Stack (m²): | 0.049 |
| Platform available: | Yes | Details of APCD System: | Scrubber |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Xylene | 0.006 | -- | ppm | GFL/SOP/GC-01 |
| | 0.026 | 100 | mg/Nm³ | By Calculation |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/96
Calibrated on –29.11.2025
Calibration due on –29.11.2026

For Goldfinch Laboratory

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 04/06/26 | 04/06/26 | 04/06/26 |
| Vaibhav Raut | Daidip Patil | Daidip Patil |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM / ~~QM~~) | Name, Sign & Date (Authorized Signatory TM / ~~QM~~) |

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TC-16166

Report Ref. No.: GFL/AS/R/26/05-373

QF/LA/10-B

# Analysis Test Report for Stack Emissions Monitoring

Report Date: 04.06.2026

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.
Contact Person: Mr. Rupesh Patil, 9987087175.

| | | | |
|---|---|---|---|
| Date of Sampling: | 21.05.2026 | Sample Description: | Stack |
| Sampling Time: | 10:30Hrs | Sample Collected by: | Laboratory |
| Sampling Plan: | QF/LA/01B- 30.04.2026 | Sampling Location: | S-3 Briquette Boiler |
| Date of Receipt of Sample: | 26.05.2026 | Sampling Environmental Conditions: | Temp: 34°C |
| Date of Analysis Started: | 26.05.2026 | | Barometer Pressure: 754 mmHg |
| Date of Analysis Completed: | 03.06.2026 | Sample Code: | GFL/AS/26/05-373 |
| Sample Quantity & Container: | $SO_2$:1Bottle; $NO_x$:1Bottle; Thimble:1 | | |
| Transport Conditions: | Bottles < 5°C | Thimbles in plastic container | Bladder, charcoal tube at ambient temp. |
| Environmental Condition while Testing: - Temperature: 25±2°C | | Humidity: 30-80% | |

Stack Details

| | | | |
|---|---|---|---|
| Stack Attached To: | S-3 Briquette Boiler | Stack Diameter (m): | 1.50 |
| Fuel used: | Briquette | Stack Height (m): | 40.0 |
| Fuel consumption: | 40 Ton/day | Shape of Stack: | Circular |
| Number of port holes: | 2 | Area of Stack ($m^2$): | 1.7663 |
| Platform available: | Yes | Details of APCD System: | Bag Filter |

| Parameters | Results | MPCB Limits | Units | Sampling Method / Test Method |
|---|---|---|---|---|
| Velocity of Flue Gas | 7.22 | | m/s | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Temperature of Flue Gas | 128 | | °C | |
| Flow/volume of Flue Gas | 45924.2 | | $m^3$/Hr | |
| Particulate Matter | 32.22 | 150 | mg/$Nm^3$ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| Sulphur Dioxide | 52.63 | -- | mg/$Nm^3$ | IS:11255 (Part 2):1985 Reaffirmed 2019 |
| | 95.91 | -- | Kg/day | By Calculation |
| Oxides of Nitrogen | 42.14 | -- | mg/$Nm^3$ | IS 11255 (Part 7):2005, Reaffirmed 2022 |

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/96
Calibrated on –29.11.2025
Calibration due on –29.11.2026

For Goldfinch Laboratory

Analyzed by
04/06/26
Vaibhav Raut
Name, Sign & Date

Reviewed by
04/06/26
Jaidip Patil
Name, Sign & Date
(DTM / TM / QM)

Authorized by
04/06/26
Jaidip Patil
Name, Sign & Date
(Authorized Signatory TM / QM)

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Certified by ISO 45001 - 2018




**Report Ref. No.: GFL/AW/R/26/04-74 TO 82** **Report Date: 23.04.2026**

## Analysis Test Reports For Workplace Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil, 9987087175.** | | | |
| **Date of Sampling:** | 09.04.2026-14.04.2026 | **Sample Description:** | Workplace |
| **Sampling Time:** | 09:30Hrs to 18:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.03.2026 | **Sampling Location:** | See below |
| **Date of Receipt of Sample:** | 14.04.2026 | **Sampling Conditions:** | **Temp:** 27-30°C **Humidity:** 42-61% |
| **Date of Analysis Started:** | 15.04.2026 | **Date of Analysis Completed:** | 22.04.2026 |
| **Sample Quantity & Container:** | Charcoal: 7 Nos, Dust Paper: 2 nos., $H_2SO_4$: 1 bottle, $NH_3$: 1 bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Sample Code No. | Location | Parameter | Result | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|---|---|
| GFL/AW/26/04-74 | MPP Plant 3rd Floor | SPM | 6.08 | 10 | mg/Nm³ | Gravimetric |
| | | Triethyleamine | <0.008 | -- | ppm | GFL/SOP/GCMS-05 |
| GFL/AW/26/04-75 | MPP Plant 2nd Floor | Sulfuric Acid | 0.80 | 1 | mg/Nm³ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| GFL/AW/26/04-76 | MPP Plant 1st Floor | SPM | 6.58 | 10 | mg/Nm³ | Gravimetric |
| | | Ethyle Propionate | <0.008 | -- | ppm | GFL/SOP/GCMS-05 |
| GFL/AW/26/04-77 | Toluene ABC Tank Farm | Toluene | <0.001 | 100 | ppm | GFL/SOP/GC-01 |
| GFL/AW/26/04-78 | T-822 Tank Farm Area | Methanol | <0.013 | 200 | ppm | GFL/SOP/GCMS-05 |
| GFL/AW/26/04-79 | T- 4009 Tank Farm Area | Methanol | <0.013 | 200 | ppm | GFL/SOP/GCMS-05 |
| GFL/AW/26/04-80 | T-807 Tank Farm Area | Xylene | <0.001 | 100 | ppm | GFL/SOP/GC-01 |
| GFL/AW/26/04-81 | T- 4010 Tank Farm Area | Xylene | <0.001 | 100 | ppm | GFL/SOP/GC-01 |
| GFL/AW/26/04-82 | MPP Plant IBC Ground Floor | Ammonia | 0.33 | 25 | ppm | IS 5182 (Part 25): 2018 |

Sampling carried out using
GOLDFINCH/INST-HD sampler/83
Calibrated On : 01.08.2025
Calibration Due On : 01.08.2026

(#) Limits as per Factories Act, 1948: 2020.

For Goldfinch Laboratory

| Analyzed by | Reviewed by | Authorized by |
|---|---|---|
| 23/04/26 | 23/04/26 | 23/04/26 |
| Vaibhav Raut | Jaidip Patil | Jaidip Patil |
| Name, Sign & Date | Name, Sign & Date (~~DTM~~ / TM) | Name, Sign & Date (Authorized Signatory TM / ~~QM~~) |



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Certified by ISO 45001 - 2018




**Report Ref. No.: GFL/AW/R/26/01-355 TO 365** **Report Date: 03.02.2026**

## Analysis Test Reports For Workplace Monitoring

| | | | |
|---|---|---|---|
| **Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | | |
| **Date of Sampling:** | 21.01.2026-23.01.2026 | **Sample Description:** | Workplace |
| **Sampling Time:** | 09.00Hrs to 18:00Hrs | **Sample Collected by:** | Laboratory |
| **Sampling Plan:** | QF/LA/01B- 30.12.2025 | **Sampling Location:** | See below |
| **Date of Receipt of Sample:** | 27.01.2026 | **Sampling Conditions:** | **Temp:** 27-30°C **Humidity:** 41-61% |
| **Date of Analysis Started:** | 27.01.2026 | **Date of Analysis Completed:** | 03.02.2026 |
| **Sample Quantity & Container:** | Charcoal: 7 Nos, Dust Paper: 4 nos., $H_2SO_4$: 1 bottle, $NH_3$: 1 bottle | | |
| **Transport Conditions:** | Bottles < 5°C | Filter papers in plastic bag and container | Bladder, charcoal tube at ambient temp. |
| **Environmental Condition while Testing : - Temperature:** 25±2°C **Humidity:** 30-80% | | | |

| Sample Code No. | Location | Parameter | Result | Limits (#) | Units | Sampling Method / Test Method |
|---|---|---|---|---|---|---|
| GFL/AW/26/01-355 | MPP Plant 3rd Floor | SPM | 3.25 | 10 | mg/Nm³ | Gravimetric |
| | | Triethyleamine | <0.008 | -- | ppm | GFL/SOP/GCMS-05 |
| GFL/AW/26/01-356 | MPP Plant 2nd Floor | Sulfuric Acid | <0.33 | 1 | mg/Nm³ | CPCB Guidelines on Methodologies for Source Emission Monitoring |
| GFL/AW/26/01-357 | MPP Plant 1st Floor | SPM | 2.25 | 10 | mg/Nm³ | Gravimetric |
| | | Ethyle Propionate | <0.008 | -- | ppm | GFL/SOP/GCMS-05 |
| GFL/AW/26/01-358 | Toluene ABC Tank Farm | Toluene | 0.078 | 100 | ppm | GFL/SOP/GC-01 |
| GFL/AW/26/01-359 | T-822 Tank Farm Area | Methanol | <0.013 | 200 | ppm | GFL/SOP/GCMS-05 |
| GFL/AW/26/01-360 | T- 4009 Tank Farm Area | Methanol | <0.013 | 200 | ppm | GFL/SOP/GCMS-05 |
| GFL/AW/26/01-361 | T-807 Tank Farm Area | Xylene | 0.037 | 100 | ppm | GFL/SOP/GC-01 |
| GFL/AW/26/01-362 | T- 4010 Tank Farm Area | Xylene | 0.045 | 100 | ppm | GFL/SOP/GC-01 |
| GFL/AW/26/01-363 | MPP Plant IBC Ground Floor | Ammonia | 0.25 | 25 | ppm | IS 5182 (Part 25): 2018 |
| GFL/AW/26/01-364 | MPDC DME Powder Packing Area | SPM | 2.54 | 10 | mg/Nm³ | Gravimetric |
| GFL/AW/26/01-365 | TBZ Powder Packing area | SPM | 3.67 | 10 | mg/Nm³ | Gravimetric |

**Sampling carried out using**
**GOLDFINCH/INST-HD sampler/83**
**Calibrated On : 01.08.2025**
**Calibration Due On : 01.08.2026**

**(#) Limits as per Factories Act, 1948: 2020.**

**For Goldfinch Laboratory**

**Analyzed by**
Raut 03/02/26
Vaibhav Raut
**Name, Sign & Date**

**Reviewed by**
Patil 03/02/26
Jaidip Patil
**Name, Sign & Date (~~DTM~~ / TM)**

**Authorized by**
Apte 3/2/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/09

**Report Ref. No. : GFL/W/R/25/12-14** **Report Date: 19.12.2025**

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | |
| **Date of Sample Collection :** | 11.12.2025 | **Sample Description :** | ETP Outlet |
| **Date of Receipt of Sample :** | 12.12.2025 | **Sample Quantity :** | 3000 ml |
| **Date of Analysis Started :** | 12.12.2025 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 19.12.2025 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 29.11.2025 | **Sampling Location :** | ETP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/25/12/14** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 7.09 | 6.0-8.5 | APHA 4500-$H^+$ B (24th Edition) |
| 2 | Chemical Oxygen Demand (COD) | mg/l | 150 | <250 | APHA 5220 B (24th Edition) |
| 3 | Biochemical Oxygen Demand 3 days at 27°C (BOD) | mg/l | 28 | <30 | IS 3025(Part 44) :2023 |
| 4 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 10 | <100 | APHA 2540 D (24th Edition) |
| 5 | Oil & Grease | mg/l | <5 | <10 | APHA 5520 B (24th Edition) |
| 6 | Phosphate | mg/l | <0.05 | <5 | APHA 4500-PD 24th Edition |
| 7 | Sulfide | mg/l | <0.06 | <2 | APHA 4500-$S^{2-}$ D (24th Edition) |
| 8 | Phenolic Compounds | mg/l | 0.10 | <1 | APHA 5530 D (24th Edition) |
| 9 | Arsenic | µg/l | <2.0 | 200 µg/l (<0.2 mg/l) | APHA 3120 B (24th Edition) |
| 10 | Mercury | µg/l | <0.5 | < 10 µg/l (<0.01 mg/l) | APHA 3120 B (24th Edition) |

**For Goldfinch Laboratory**

**Analyzed By**
Priyanka 19/12/25
**Name, Sign & Date**

**Reviewed By**
19/12/25
Neha S. Apte.
**Name, Sign & Date**
**(DTM / TM /QM)**

**Authorized By**
19/12/25
Neha S. Apte.
**Name, Sign & Date**
**(Authorized Signatory TM / QM)**



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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/09

**Report Ref. No. : GFL/W/R/26/01/63** **Report Date: 02.02.2026**

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | |
| **Date of Sample Collection :** | 23.01.2026 | **Sample Description :** | ETP Outlet |
| **Date of Receipt of Sample :** | 23.01.2026 | **Sample Quantity :** | 3500 ml |
| **Date of Analysis Started :** | 23.01.2026 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 31.01.2026 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 30.12.2025 | **Sampling Location :** | ETP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/26/01/63** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 7.68 | 6.0-8.5 | APHA 4500-$H^+$ B (24th Edition) |
| 2 | Chemical Oxygen Demand | mg/l | 160 | <250 | APHA 5220 B (24th Edition) |
| 3 | Biochemical Oxygen Demand 3 days at 27°C | mg/l | 24 | <30 | IS 3025(Part 44) :2023 |
| 4 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 42 | <100 | APHA 2540 D (24th Edition) |
| 5 | Oil & Grease | mg/l | <5 | <10 | APHA 5520 B (24th Edition) |
| 6 | Phosphate | mg/l | <0.05 | <5 | APHA 4500-PD 24th Edition |
| 7 | Sulfide | mg/l | <0.06 | <2 | APHA 4500-$S^{2-}$ D (24th Edition) |
| 8 | Phenolic Compounds | mg/l | <0.06 | <1 | APHA 5530 D (24th Edition) |
| 9 | Arsenic | µg/l | <2.00 | 200 µg/l (<0.2 mg/l) | APHA 3120 B (24th Edition) |
| 10 | Mercury | µg/l | <0.50 | < 10 µg/l (<0.01 mg/l) | APHA 3120 B (24th Edition) |

**For Goldfinch Laboratory**

| Analyzed By | Reviewed By | Authorized By |
|---|---|---|
| Rimse Priyanka 02/02/26 | Apte 2/2/26 Neha S. Apte. | Apte 2/2/26 Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM /QM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/09

**Report Ref. No. : GFL/W/R/26/02/48** **Report Date: 02.03.2026**

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | |
| **Date of Sample Collection :** | 21.02.2026 | **Sample Description :** | ETP Outlet |
| **Date of Receipt of Sample :** | 23.02.2026 | **Sample Quantity :** | 3500 ml |
| **Date of Analysis Started :** | 23.02.2026 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 02.03.2026 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 30.01.2026 | **Sampling Location :** | ETP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/26/02/48** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 6.69 | 6.0-8.5 | APHA 4500-$H^+$ B (24th Edition) |
| 2 | Chemical Oxygen Demand | mg/l | 151 | <250 | APHA 5220 B (24th Edition) |
| 3 | Biochemical Oxygen Demand 3 days at 27°C | mg/l | 25 | <30 | IS 3025(Part 44) :2023 |
| 4 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 22 | <100 | APHA 2540 D (24th Edition) |
| 5 | Oil & Grease | mg/l | <5 | <10 | APHA 5520 B (24th Edition) |
| 6 | Phosphate | mg/l | <0.05 | <5 | APHA 4500-PD 24th Edition |
| 7 | Sulfide | mg/l | <0.06 | <2 | APHA 4500-$S^{2-}$ D (24th Edition) |
| 8 | Phenolic Compounds | mg/l | <0.06 | <1 | APHA 5530 D (24th Edition) |
| 9 | Arsenic | µg/l | <2.00 | 200 µg/l (<0.2 mg/l) | APHA 3120 B (24th Edition) |
| 10 | Mercury | µg/l | <0.50 | < 10 µg/l (<0.01 mg/l) | APHA 3120 B (24th Edition) |

**For Goldfinch Laboratory**

**Analyzed By**
Priyanka 02/03/26
**Name, Sign & Date**

**Reviewed By**
2/3/26
Neha S. Apte.
**Name, Sign & Date (DTM / TM /QM)**

**Authorized By**
2/3/26
Neha. S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/09

**Report Ref. No. : GFL/W/R/26/03/62** **Report Date: 06.04.2026**

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | |
| **Date of Sample Collection :** | 26.03.2026 | **Sample Description :** | ETP Outlet |
| **Date of Receipt of Sample :** | 30.03.2026 | **Sample Quantity :** | 3500 ml |
| **Date of Analysis Started :** | 30.03.2026 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 06.04.2026 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 27.02.2026 | **Sampling Location :** | ETP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/26/03/62** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 7.57 | Between 6.0-8.5 | APHA 4500-$H^+$ B (24th Edition) |
| 2 | Chemical Oxygen Demand | mg/l | 119 | Less than 250 | APHA 5220 B (24th Edition) |
| 3 | Biochemical Oxygen Demand 3 days at 27°C | mg/l | 23 | Less than 30 | IS 3025(Part 44) :2023 |
| 4 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 10 | Less than 100 | APHA 2540 D (24th Edition) |
| 5 | Oil & Grease | mg/l | <5 | Less than 10 | APHA 5520 B (24th Edition) |
| 6 | Phosphate | mg/l | <0.05 | Less than 5 | APHA 4500-PD 24th Edition |
| 7 | Sulfide | mg/l | <0.06 | Less than 2 | APHA 4500-$S^{2-}$ D (24th Edition) |
| 8 | Phenolic Compounds | mg/l | <0.06 | Less than 1 | APHA 5530 D (24th Edition) |
| 9 | Arsenic | µg/l | <2.00 | 200 µg/l (<0.2 mg/l) | APHA 3120 B (24th Edition) |
| 10 | Mercury | µg/l | <0.50 | <10 µg/l (<0.01 mg/l) | APHA 3120 B (24th Edition) |

**For Goldfinch Laboratory**

| Analyzed By | Reviewed By | Authorized By |
|---|---|---|
| Prachi Chaudhari 6/4/26 | Neha S. Apte 6/4/26 | Neha S. Apte 6/4/26 |
| Prachi chaudhari | Neha S. Apte. | Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM /QM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



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TC-16166

QF/LA/09

Report Ref. No. : GFL/W/R/26/04/37 Report Date: 23.04.2026

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | |
| **Date of Sample Collection :** | 14.04.2026 | **Sample Description :** | ETP Outlet |
| **Date of Receipt of Sample :** | 14.04.2026 | **Sample Quantity :** | 5000 ml |
| **Date of Analysis Started :** | 15.04.2026 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 22.04.2026 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 30.03.2026 | **Sampling Location :** | ETP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/26/04/37** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 7.61 | Between 6.0-8.5 | APHA 4500-$H^+$ B (24th Edition) |
| 2 | Chemical Oxygen Demand | mg/l | 157 | Less than 250 | APHA 5220 B (24th Edition) |
| 3 | Biochemical Oxygen Demand 3 days at 27°C | mg/l | 28 | Less than 30 | IS 3025(Part 44) :2023 |
| 4 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 12 | Less than 100 | APHA 2540 D (24th Edition) |
| 5 | Oil & Grease | mg/l | <5 | Less than 10 | APHA 5520 B (24th Edition) |
| 6 | Phosphate | mg/l | 0.25 | Less than 5 | APHA 4500-PD 24th Edition |
| 7 | Sulfide | mg/l | <0.06 | Less than 2 | APHA 4500-$S^{2-}$ D (24th Edition) |
| 8 | Phenolic Compounds | mg/l | 0.12 | Less than 1 | APHA 5530 D (24th Edition) |
| 9 | Arsenic | µg/l | <2.0 | 200 µg/l (<0.2 mg/l) | APHA 3120 B (24th Edition) |
| 10 | Mercury | µg/l | <0.50 | <10 µg/l (<0.01 mg/l) | APHA 3120 B (24th Edition) |

**For Goldfinch Laboratory**

**Analyzed By**
Rimee
Priyanka 23/4/26
**Name, Sign & Date**

**Reviewed By**
Apte 23/4/26
Neha S. Apte.
**Name, Sign & Date (DTM / TM /QM)**

**Authorized By**
Apte 23/4/26
Neha S. Apte.
**Name, Sign & Date (Authorized Signatory TM / QM)**



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TC-16166

QF/LA/09

**Report Ref. No. : GFL/W/R/26/05/89** **Report Date: 30.05.2026**

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil,9987087175.** | | |
| **Date of Sample Collection :** | 20.05.2026 | **Sample Description :** | ETP Outlet |
| **Date of Receipt of Sample :** | 21.05.2026 | **Sample Quantity :** | 5000 ml |
| **Date of Analysis Started :** | 21.05.2026 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 29.05.2026 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 30.04.2026 | **Sampling Location :** | ETP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | GFL/W/26/05/89 |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 7.02 | Between 6.0-8.5 | APHA 4500-$H^+$ B (24th Edition) |
| 2 | Chemical Oxygen Demand | mg/l | 172 | Less than 250 | APHA 5220 B (24th Edition) |
| 3 | Biochemical Oxygen Demand 3 days at 27°C | mg/l | 28 | Less than 30 | IS 3025(Part 44) :2023 |
| 4 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 10 | Less than 100 | APHA 2540 D (24th Edition) |
| 5 | Oil & Grease | mg/l | <5 | Less than 10 | APHA 5520 B (24th Edition) |
| 6 | Phosphate | mg/l | <0.05 | Less than 5 | APHA 4500-PD 24th Edition |
| 7 | Sulfide | mg/l | <0.06 | Less than 2 | APHA 4500-$S^{2-}$ D (24th Edition) |
| 8 | Phenolic Compounds | mg/l | <0.06 | Less than 1 | APHA 5530 D (24th Edition) |
| 9 | Arsenic | µg/l | <2.0 | 200 µg/l (<0.2 mg/l) | APHA 3120 B (24th Edition) |
| 10 | Mercury | µg/l | <0.5 | <10 µg/l (<0.01 mg/l) | APHA 3120 B (24th Edition) |

**For Goldfinch Laboratory**

| Analyzed By | Reviewed By | Authorized By |
|---|---|---|
| Priyanka 30/5/26 | 30/5/26 | 30/5/26 |
| Name, Sign & Date | Neha S. Apte. Name, Sign & Date (DM / TM /QM) | Neha S. Apte. Name, Sign & Date (Authorized Signatory TM / QM) |



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TC-16166

QF/LA/09

**Report Ref. No. : GFL/W/R/25/12-15** **Report Date: 19.12.2025**

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | |
| **Date of Sample Collection :** | 11.12.2025 | **Sample Description :** | STP Outlet |
| **Date of Receipt of Sample :** | 12.12.2025 | **Sample Quantity :** | 2000 ml |
| **Date of Analysis Started :** | 12.12.2025 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 19.12.2025 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 29.11.2025 | **Sampling Location :** | STP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/25/12/15** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 7.26 | -- | APHA 4500-$H^+$ B (24th Edition) |
| 2 | Biochemical Oxygen Demand 3 days at 27°C (BOD) | mg/l | 20 | <30 | IS 3025(Part 44) :2023 |
| 3 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 8 | <50 | APHA 2540 D (24th Edition) |

**For Goldfinch Laboratory**

| Analyzed By | Reviewed By | Authorized By |
|---|---|---|
| Rimple Priyanka 19/12/25 | 19/12/25 Neha S. Apte. | 19/12/25 Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM /QM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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QF/LA/09

**Report Ref. No. : GFL/W/R/26/01/64** **Report Date: 02.02.2026**

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | |
| **Date of Sample Collection :** | 23.01.2026 | **Sample Description :** | STP Outlet |
| **Date of Receipt of Sample :** | 23.01.2026 | **Sample Quantity :** | 2000 ml |
| **Date of Analysis Started :** | 23.01.2026 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 31.01.2026 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 30.12.2025 | **Sampling Location :** | STP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/26/01/65** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 7.48 | -- | APHA 4500-H+ B (24th Edition) |
| 2 | Biochemical Oxygen Demand 3 days at 27°C | mg/l | 11 | <30 | IS 3025(Part 44) :2023 |
| 3 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 32 | <50 | APHA 2540 D (24th Edition) |

**For Goldfinch Laboratory**

| Analyzed By | Reviewed By | Authorized By |
|---|---|---|
| Priyanka 02/02/26 | 2/2/26 | 2/2/26 |
| Name, Sign & Date | Neha S. Apte. Name, Sign & Date (DTM / TM /QM) | Neha S. Apte, Name, Sign & Date (Authorized Signatory TM / QM) |



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QF/LA/09

Report Ref. No. : GFL/W/R/26/02/49 Report Date: 02.03.2026

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | |
| **Date of Sample Collection :** | 21.02.2026 | **Sample Description :** | STP Outlet |
| **Date of Receipt of Sample :** | 23.02.2026 | **Sample Quantity :** | 2000 ml |
| **Date of Analysis Started :** | 23.02.2026 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 27.03.2026 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 30.01.2026 | **Sampling Location :** | STP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/26/02/49** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 7.15 | -- | APHA 4500-H+ B (24th Edition) |
| 2 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 8 | <50 | APHA 2540 D (24th Edition) |
| 3 | Biochemical Oxygen Demand 3 days at 27°C | mg/l | 7.2 | <30 | IS 3025(Part 44) :2023 |

**For Goldfinch Laboratory**

| Analyzed By | Reviewed By | Authorized By |
|---|---|---|
| Rimsa Priyanka 2/3/26 | Apte 2/3/26 Neha S. Apte. | Apte 2/3/26 Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM /QM) | Name, Sign & Date (Authorized Signatory TM / QM) |



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Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com

TC-16166

QF/LA/09

**Report Ref. No. : GFL/W/R/26/03/63** **Report Date: 06.04.2026**

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | |
| **Date of Sample Collection :** | 26.03.2026 | **Sample Description :** | STP Outlet |
| **Date of Receipt of Sample :** | 30.03.2026 | **Sample Quantity :** | 2000 ml |
| **Date of Analysis Started :** | 30.03.2026 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 04.04.2026 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 27.02.2026 | **Sampling Location :** | STP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/26/03/63** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 7.38 | -- | APHA 4500-H+ B (24th Edition) |
| 2 | Total Suspended Solids dried from 103 to 105 °C | mg/l | <4 | Less than 50 | APHA 2540 D (24th Edition) |
| 3 | Biochemical Oxygen Demand 3 days at 27°C | mg/l | <5 | Less than 30 | IS 3025(Part 44) :2023 |

**For Goldfinch Laboratory**

| Analyzed By | Reviewed By | Authorized By |
|---|---|---|
| Rimsi Priyanka 6/4/26 | 6/4/26 Neha S. Apte | 6/4/26 Neha S. Apte. |
| Name, Sign & Date | Name, Sign & Date (DTM / TM /QM) | Name, Sign & Date (Authorized Signatory TM / QM) |



---------- End of Report ----------

**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

# GOLDFINCH LABORATORY
(Department of Goldfinch Engineering Systems™ Private Limited)
Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area,
MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/09

**Report Ref. No. : GFL/W/R/26/04/38** **Report Date: 23.04.2026**

# Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Tushar Jawale, 9820207042.** | | |
| **Date of Sample Collection :** | 14.04.2026 | **Sample Description :** | STP Outlet |
| **Date of Receipt of Sample :** | 14.04.2026 | **Sample Quantity :** | 2000 ml |
| **Date of Analysis Started :** | 15.04.2026 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 22.04.2026 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 30.03.2026 | **Sampling Location :** | STP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/26/04/38** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 7.03 | -- | APHA 4500-H+ B (24th Edition) |
| 2 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 14 | Less than 50 | APHA 2540 D (24th Edition) |
| 3 | Biochemical Oxygen Demand 3 days at 27°C | mg/l | 6.9 | Less than 30 | IS 3025(Part 44) :2023 |

**For Goldfinch Laboratory**

| Analyzed By | Reviewed By | Authorized By |
|---|---|---|
| Priyanka 23/4/26 | 23/4/26 Neha S. Apte. | 23/4/26 Neha S. Apte. |
| **Name, Sign & Date** | **Name, Sign & Date (DTM / TM /QM)** | **Name, Sign & Date (Authorized Signatory TM / QM)** |



---------- **End of Report** ----------

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MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.
Tel No. : 91-022-2580 1546 / 9920093829 / 7208579136 / 8097093007
Email : lab@goldfinchengg.com / Website : www.goldfinchengg.com


TC-16166

QF/LA/09

**Report Ref. No. : GFL/W/R/26/05/90** **Report Date: 30.05.2026**

## Analysis Test Report

| | | | |
|---|---|---|---|
| **Name & Address of the Client :** | **M/S Hikal LTD, T-21, MIDC Area, Taloja. Contact Person: Mr. Rupesh Patil,9987087175.** | | |
| **Date of Sample Collection :** | 20.05.2026 | **Sample Description :** | STP Outlet |
| **Date of Receipt of Sample :** | 21.05.2026 | **Sample Quantity :** | 2000 ml |
| **Date of Analysis Started :** | 21.05.2026 | **Sample Collected by :** | Laboratory |
| **Date of Analysis Completed :** | 29.05.2026 | **Sample Container :** | Plastic Carboy |
| **Sampling Plan :** | QF/LA/01-B 30.04.2026 | **Sampling Location :** | STP Plant |
| **Sampling Method :** | APHA 1060B 24th Edition | **Sample Code :** | **GFL/W/26/05/90** |
| **Environmental Condition during analysis : Temperature = 25 ± 2°C** | | **Humidity = 30 to 80 %** | |

| Sr. No. | Parameters | Unit | Results | MPCB Limits | Test Method Used |
|---|---|---|---|---|---|
| 1 | pH at 25°C | -- | 6.81 | -- | APHA 4500-H+ B (24th Edition) |
| 2 | Total Suspended Solids dried from 103 to 105 °C | mg/l | 8 | Less than 50 | APHA 2540 D (24th Edition) |
| 3 | Biochemical Oxygen Demand 3 days at 27°C | mg/l | <5 | Less than 30 | IS 3025(Part 44) :2023 |

**For Goldfinch Laboratory**

| Analyzed By | Reviewed By | Authorized By |
|---|---|---|
| Priyanka 30/5/26 | 30/5/26 | 30/5/26 |
| Name, Sign & Date | Neha S Apte. Name, Sign & Date (DTM / TM /QM) | Neha S. Apte. Name, Sign & Date (Authorized Signatory TM / QM) |



---------- End of Report ----------

**Note :** 1. Test results related only to the sample(s) tested. 2. This Certificate may not be reproduced in full or part, without the permission of this Laboratory. 3. Samples will be retained by us for a period of fifteen days only, unless specific instructions are given by the client. Sample retaintion is not applicable for Ambient Air, Noise, Stack Samples. 4. Goldfinch Lab is not responsible for the authenticity of photocopies or computer scanned reports / certificates.

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | EMPLOYEE |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20931 | GANESH SANAP | Male | 35 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | 20996 | PRATIBHA THOMBRE | Female | 26 | NA | NA | NA | QUALITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | 20944 | NARENDRA BHAGAT | Male | 38 | NA | NA | NA | QUALITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 4 | 20933 | BALAJI SHELKE | Male | 31 | NA | NA | NA | TSD | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 5 | 71072 | RUPESH MORE | Male | 27 | NA | NA | NA | TSD | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 6 | 20374 | BABRUVAN MHATRE | Male | 55 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 7 | 20970 | RAKESH LAKISARE | Male | 27 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 8 | 20901 | VAIBHAV KADAM | Male | 27 | NA | NA | NA | MECHANICAL | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 9 | 20821 | NILESH MORE | Male | 36 | NA | NA | NA | UTILITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 10 | 20975 | YOGESH PATIL | Male | 41 | NA | NA | NA | UTILITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 11 | 21008 | ARUN GURSAL | Male | 31 | NA | NA | NA | QUALITY CONTROL | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 12 | 20702 | VINOD KENI | Male | 50 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 13 | 20538 | RAKESH VAGRE | Male | 48 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 14 | 20716 | SOMNATH PATIL | Male | 35 | NA | NA | NA | ELECTRICAL | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 15 | 20717 | BHAGWAN G SANGDE | Male | 45 | NA | NA | NA | ELECTRICAL | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 16 | 20423 | SHAILENDRA SHIDORE | Male | 54 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 17 | 20999 | ARTI JAIN | Female | 40 | NA | NA | NA | QUALITY CONTROL | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 18 | 20413 | TUSHAR BODAS | Male | 44 | NA | NA | NA | INTERN ENGG | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 19 | 20987 | HARSHAL PIMPALKAR | Male | 28 | NA | NA | NA | INTERN ENGG | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 20 | 20424 | VIVEK CHITALE | Male | 51 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 21 | 20982 | PRATIK JADHAV | Male | 27 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 22 | 20341 | KARANSINGH RAJPUT | Male | 52 | NA | NA | NA | INTERN ENGG | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 23 | 20605 | VINOD MHATRE | Male | 47 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 24 | 20590 | DILIP VICHARE | Male | 59 | NA | NA | NA | EXCISE | | 20-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
APPROVED CERTIFIED SURGEON
DISH FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | EMPLOYEE |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 20957 | TEJAS THAKUR | Male | 24 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 26 | 20477 | NARESH D KHUTALE | Male | 50 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 27 | 20666 | SACHIN N MOKAL | Male | 41 | NA | NA | NA | QUALITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 28 | 20435 | NITIN PATIL | Male | 45 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 29 | 20989 | SARVESH TELANGE | Male | 26 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 30 | 20634 | PREMNATH M MHATRE | Male | 42 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 31 | 20633 | ANIL GAWAND | Male | 54 | NA | NA | NA | STORES | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 32 | 20421 | ASHPAK BAGWAN | Male | 51 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 33 | 20478 | SHIVAJI NARHE | Male | 43 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 34 | 20283 | NILESH UPADHYE | Male | 56 | NA | NA | NA | PD LAB | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 35 | 20214 | ANIL NERURKAR | Male | 54 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 36 | 20898 | YOGESH GAIKWAD | Male | 39 | NA | NA | NA | PILOT PLANT | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 37 | 20428 | VIJAYANAND KALGUTKAR | Male | 58 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 38 | 21001 | MANISH G GHAG | Male | 27 | NA | NA | NA | EHS | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 39 | 20519 | SANDEEP RATHOD | Male | 37 | NA | NA | NA | PILOT PLANT | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 40 | 20627 | SUSHANT PATIL | Male | 36 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 41 | 20965 | VAIBHAV SHIGVAN | Male | 27 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 42 | 20966 | DATTATRAY PATIL | Male | 33 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 43 | 20969 | SOURAV PATIL | Male | 24 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 44 | 20977 | SANJAY CHAVARE | Male | 52 | NA | NA | NA | QUALITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 45 | 12508 | VINAYAK HANDIGOL | Male | 58 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 46 | 20434 | UMESH RAUT | Male | 41 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 47 | 21000 | SIDDHESH GAONKAR | Male | 24 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 48 | 20867 | TUSHAR PATIL | Male | 28 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 49 | 20347 | ASHISH PATIL | Male | 49 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | EMPLOYEE |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 20543 | RAJIV CHAVAN | Male | 52 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 51 | 20245 | DINESH PORJI | Male | 43 | NA | NA | NA | QUALITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 52 | 20043 | DINESH PITALE | Male | 56 | NA | NA | NA | QUALITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 53 | 20924 | MACHINDRA BHAMBERE | Male | 32 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 54 | 20615 | VINIT BHANGALE | Male | 42 | NA | NA | NA | QUALITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 55 | 20952 | YOGESH DESHEKAR | Male | 29 | NA | NA | NA | QUALITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 56 | 20936 | JABBAR MOMIN | Male | 30 | NA | NA | NA | QUALITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 57 | 20393 | GOPALKRISHNA NAIK | Male | 55 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 58 | 20191 | SANDEEP SOHANI | Male | 54 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 59 | 20386 | RAVINDRA SHINDE | Male | 48 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 60 | 20915 | SUNIL BORSE | Male | 43 | NA | NA | NA | PD LABS | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 61 | 21009 | AMOL GAIKE | Male | 26 | NA | NA | NA | PD LABS | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 62 | 20911 | KETAN JADHAV | Male | 29 | NA | NA | NA | PD LABS | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 63 | 20971 | PRASAD MARAVADE | Male | 27 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 64 | 21007 | PRATIK PATIL | Male | 34 | NA | NA | NA | EHS | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 65 | 20536 | KRISHNA BHOSALE | Male | 52 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 66 | 20384 | VAIBHAV CHORAT | Male | 50 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 67 | 20565 | GANESH PATIL | Male | 45 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 68 | 20524 | SUNIL JANASKAR | Male | 47 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 69 | 20575 | AKSHAY GANDHARKAR | Male | 37 | NA | NA | NA | QUALITY | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 70 | 20721 | ASHFAQ KHAN | Male | 39 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 71 | 20964 | AKSHAY CHITALKAR | Male | 27 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 72 | 20994 | SHAHEESTA ANSARI | Male | 23 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 73 | 20993 | DHANASHRI PASHTE | Female | 23 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 74 | 20978 | ASHA MHATRE | Female | 25 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | EMPLOYEE |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 75 | 20618 | KUNAL MAYEKAR | Male | 39 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 76 | 20902 | SAGAR ASGOLKAR | Male | 35 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 77 | 20974 | SUBODH YADAV | Male | 26 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 78 | 20704 | SANJAY MADHUKAR PATKAR | Male | 51 | NA | NA | NA | ACCOUNTS | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 79 | 12487 | KAUSHALENDRA KUMAR SINHA | Male | 34 | NA | NA | NA | COMMERCIAL | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 80 | 20932 | HITESH BARGE | Male | 42 | NA | NA | NA | ACCOUNTS | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 81 | 20705 | KETAN TIKONE | Male | 38 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 82 | 20687 | DEVENDRA PALEKAR | Male | 40 | NA | NA | NA | HR | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 83 | 20960 | PRASAD PATIL | Male | 29 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 84 | 20949 | SAHIL PTPHODE | Male | 26 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 85 | 20909 | VIVEK PINGALE | Male | 36 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 86 | 20348 | SACHIN PATIL | Male | 52 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 87 | 20534 | SATISH BHANDARKAR | Male | 53 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 88 | 20533 | OMKAR MANORE | Male | 34 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 89 | 21012 | DINESH KHETRE | Male | 26 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 90 | 20550 | PARSHURAM PATIL | Male | 55 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 91 | 21006 | AKASH MHATRE | Male | 34 | NA | NA | NA | ENGINEERING | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 92 | 20980 | PRASAD SURVE | Male | 27 | NA | NA | NA | ENGINEERING | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 93 | 20998 | ROHAN DESHMUKH | Male | 31 | NA | NA | NA | ENGINEERING | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 94 | 20176 | RAMKRIPAL DWIVEDI | Male | 52 | NA | NA | NA | QUALITY | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 95 | 20958 | PARESH MALI | Male | 28 | NA | NA | NA | ENGINEERING | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 96 | 20445 | AJIT PATIL | Male | 52 | NA | NA | NA | ENGINEERING | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 97 | 20950 | RUPESH PATIL | Male | 39 | NA | NA | NA | ENGINEERING | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 98 | 20597 | RUPESH PATIL | Male | 49 | NA | NA | NA | EHS | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 99 | 20416 | SHIVRAJ TAWADE | Male | 56 | NA | NA | NA | EHS | | 21-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
APPROVED CERTIFIED SURGEON
DIST FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | EMPLOYEE |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 20959 | ROHAN ANARASE | Male | 24 | NA | NA | NA | BUSINESS EXCELLANCE | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 101 | 20918 | ARUN YRDVE | Male | 40 | NA | NA | NA | STORES | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 102 | 20175 | ARUN GAVHANKAR | Male | 53 | NA | NA | NA | QUALITY | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 103 | 20940 | ABHISHEK GHOSH | Male | 31 | NA | NA | NA | PROCESS ENGG | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 104 | 21011 | MANDAR WATKARE | Male | 26 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 105 | 20720 | ALAM NAIKAWADI | Male | 34 | NA | NA | NA | STORES | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 106 | 20610 | BHARAT PATIL | Male | 52 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 107 | 20947 | ABDULRAZZAK PATEL | Male | 28 | NA | NA | NA | EHS | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 108 | 20609 | POPAT PAWAR | Male | 39 | NA | NA | NA | QUALITY | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 109 | 20797 | SAGAR PATIL | Male | 37 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 110 | 20877 | SUJAY CHALKE | Male | 32 | NA | NA | NA | ENGINEERING | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 111 | 20770 | DATTAGURU DICHOLKAR | Male | 49 | NA | NA | NA | ENGINEERING | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 112 | 20584 | YOGESH G VARDAM | Male | 44 | NA | NA | NA | QUALITY | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 113 | 20979 | RITEEK THARVAL | Male | 26 | NA | NA | NA | ENGINEERING | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 114 | 20513 | SANDESH GARUDE | Male | 38 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 115 | 20541 | SANDEEP MANKAWALE | Male | 54 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 116 | 20878 | PANKAJ CHAUDHARI | Male | 43 | NA | NA | NA | ENGINEERING | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 117 | 20637 | AJIT THAKUR | Male | 54 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 118 | 21023 | MOHIT GHARAT | Male | 56 | NA | NA | NA | EHS | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 119 | 20912 | MONISH PANDEY | Male | 26 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 120 | 20954 | AMIT PATIL | Male | 31 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 121 | 20622 | BHINRAO KHODE | Male | 58 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 122 | 20897 | DEEPAK GATADE | Male | 38 | NA | NA | NA | EHS | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 123 | 20822 | PRASHANT BHOIR | Male | 40 | NA | NA | NA | ENGINEERING | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURG
FOR RAIGAD DISTRIC

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | EMPLOYEE |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 124 | 20984 | NIKHIL JOSHI | Male | 28 | NA | NA | NA | ENGINEERING | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 125 | 20939 | KISHOR KUMBHAR | Male | 29 | NA | NA | NA | QUALITY | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 126 | 21010 | ROHIT BABAR | Male | 27 | NA | NA | NA | QUALITY | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 127 | 20581 | NANDKUMAR PATIL | Male | 50 | NA | NA | NA | ENGINEERING | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 128 | 20212 | ATUL PATIL | Male | 53 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 129 | 20837 | ABHIJEET JAGTAP | Male | 32 | NA | NA | NA | EHS | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 130 | 21019 | MAHESH GHARAT | Male | 28 | NA | NA | NA | UTILITY | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 131 | 21021 | HARISH VANJARI | Male | 26 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 132 | 20755 | MAYUR SHIROLKAR | Male | 44 | NA | NA | NA | QUALITY | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 133 | 20522 | TANVEER SHAIKH | Male | 37 | NA | NA | NA | PILOT PLANT | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 134 | 20986 | HRISHIKESH THOMBARE | Male | 25 | NA | NA | NA | PILOT PLANT | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 135 | 20930 | PAVAN GHARAT | Male | 26 | NA | NA | NA | ENGINEERING | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 136 | 20985 | VIVEK PATIL | Male | 29 | NA | NA | NA | ENGINEERING | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 137 | 21005 | PRANIT MHATRE | Male | 29 | NA | NA | NA | ENGINEERING | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 138 | 20457 | MAKARAND KHARMALE | Male | 52 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 139 | 21003 | SAHAR SHIVGAN | Male | 26 | NA | NA | NA | ENGINEERING | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 140 | 20972 | MAHENDRA SHID | Male | 32 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 141 | 20888 | AMISH MALI | Male | 29 | NA | NA | NA | EHS | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | TECHNICIAN |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 25061 | SHANTARAM MHATRE | Male | 50 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | 25028 | RAJU JAIN | Male | 54 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | 25010 | CHANDRASHEKHAR BHOIR | Male | 57 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 4 | 25057 | GORAKH PATIL | Male | 52 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 5 | 25011 | SANTOSH SHIRKE | Male | 49 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 6 | 25050 | JAYANT MHATRE | Male | 52 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 7 | 25034 | SHAHU PALANDE | Male | 56 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 8 | 25036 | NEELKANT P PACHPANDE | Male | 55 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 9 | 25031 | SATISH D GHARAT | Male | 55 | NA | NA | NA | EHS | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 10 | 25066 | SUNIL PAWSHE | Male | 49 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 11 | 25005 | MOHAN WAYKAR | Male | 54 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 12 | 25052 | DIPAK MOKAL | Male | 49 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 13 | 25035 | VINOD PATIL | Male | 52 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 14 | 25009 | PRAKASH PATIL | Male | 57 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 15 | 25013 | RAJENDRA DERE | Male | 54 | NA | NA | NA | ENGINEERING | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 16 | 25049 | YOGESH BHOGLE | Male | 47 | NA | NA | NA | EHS | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 17 | 25065 | MACHINDRA PATIL | Male | 50 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 18 | 25016 | HARISH BHOIR | Male | 52 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 19 | 25067 | PRAVIN KADAM | Male | 46 | NA | NA | NA | PRODUCTION | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 20 | 25063 | KASHINATH H PATIL | Male | 50 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 21 | 25074 | DILIP PATIL | Male | 58 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 22 | 25051 | SUNIL THAKUR | Male | 53 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 23 | 25043 | BHALCHANDRA VAISHAMPAYAN | Male | 57 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 24 | 25019 | HANUMANT PAWAR | Male | 56 | NA | NA | NA | ENGINEERING | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 25 | 25007 | VINOD DESAI | Male | 53 | NA | NA | NA | PRODUCTION | | 21-Apr-26 | Fit For Job | NA | NA | NA | |

DR. AMEY R. MALI
M.B.B.S. M.D. AFIH
FISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | TECHNICIAN |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26 | 25006 | MANOJ MHATRE | Male | 56 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 27 | 25059 | PANDHRINATH MHATRE | Male | 54 | NA | NA | NA | HR | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 28 | 25068 | MAHENDRA MALI | Male | 54 | NA | NA | NA | EHS | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 29 | 25058 | AMBAJI PATIL | Male | 54 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 30 | 25073 | PRAKASH KADAM | Male | 52 | NA | NA | NA | STORES | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 31 | 25048 | NILESH JOSHI | Male | 48 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 32 | 25053 | PRASHANT KADAM | Male | 52 | NA | NA | NA | PRODUCTION | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | APPRENTICE |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | PRANALI GAWAND | Female | 23 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | RUTUJA DANT | Female | 22 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY B. MALI
M.B.B.S. M.D. AFIH
ISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | ASP INVORA |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | SANDESH DONGARE | Male | 27 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | MANLIA BHAGAT | Male | 25 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | NA | VAIBHAV BHOIR | Male | 35 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | | |

Dr. AMEY R. MALI
M.B.B.S. MD. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

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## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | ATUL ENT |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | DHARMENDRA KUMAR SINGH | Male | 30 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | SATISH PATIL | Male | 36 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
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# FORM -07

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## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | CARE SOURCE |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | SAVITA RATHOD | Female | 31 | NA | NA | NA | OHC | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | SANGEETA KHAN | Male | 42 | NA | NA | NA | OHC | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | NA | SANTOSH MANJREKAR | Male | 50 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
GOVT. APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

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| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | CEMA CON |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | JAHANGIR SHAIKH | Male | 36 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | RAMAKANT PAVASHE | Male | 32 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | CMEPL |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | SABIR ANSARI | Male | 32 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY MALI
M.B.B.S. M.D. AFIH
JISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | DISHA FOODS |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | INDAL PASWAN | Male | 25 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | SANJEET MONDAL | Male | 22 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | NA | RAJESH BEHARA | Male | 24 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 4 | NA | KAPILDEV MONDAL | Male | 30 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 5 | NA | KARTIK BEHARA | Male | 50 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 6 | NA | NAGENDRA PASWAN | Male | 28 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 7 | NA | RAJESH KUMAR BEHARA | Male | 18 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 8 | NA | VIJAY BEHARA | Male | 43 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 9 | NA | RAM PASWAN | Male | 32 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 10 | NA | CHNADRAKANT BEHARE | Male | 30 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 11 | NA | HOLAN KHALPIYA | Male | 40 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 12 | NA | GAGAN SETTI | Male | 39 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | DRIVER |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | ATISH PATIL | Male | 31 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | JAY NAIK | Male | 31 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | NA | KAILASH M PILANE | Male | 45 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 4 | NA | JAGDISH YADAV | Male | 25 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 5 | NA | DHIRAJ MAHADIK | Male | 28 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 6 | NA | MOKHBUL ALOM | Male | 24 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 7 | NA | BHARAT MHATRE | Male | 34 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 8 | NA | SADDAM HUSAIN | Male | 30 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | GEEKEY SECURITY |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | ASHARAM VARMA | Male | 56 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | DEVENDRA YADAV | Male | 51 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | NA | DAYASHANKAR SINGH | Male | 55 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 4 | NA | SARJERAO SAWANT | Male | 50 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 5 | NA | VIJAY MAHTO | Male | 49 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 6 | NA | DIPEN BORA | Male | 48 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 7 | NA | PROMA PEGU | Male | 43 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 8 | NA | ATUL KHILARI | Male | 49 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 9 | NA | SUNIL RATHOD | Male | 47 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
APPROVED CERTIFIED SURGEON
DISH FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | JAY CON |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | MANOJ K P | Male | 46 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | TARUN MUKHARJI | Male | 47 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | NA | GHANSHYAM GAUTAM | Male | 40 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | MATHADI |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | UTTAM MANE | Male | 55 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | MAYUR MHATRE | Male | 27 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | NA | VIKAS MHATRE | Male | 58 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 4 | NA | KULDEEP NICHIT | Male | 38 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 5 | NA | PRADEEP GONDHALE | Male | 32 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 6 | NA | CHETAN MARPE | Male | 32 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S, M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | NR BROTHERS |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | MACHINDRA GHARAT | Male | 39 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | SAHAUDDIN MOLLA | Male | 33 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | NA | PREMCHAND | Male | 26 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 4 | NA | RAMESH GAUTAM | Male | 47 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 5 | NA | NIVRUTTI KENI | Male | 49 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 6 | NA | GHANSHYAM | Male | 38 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 7 | NA | AMJAD SAH | Male | 25 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 8 | NA | MANIUDDIN MONDAL | Male | 33 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 9 | NA | ABU HUSSAIN MONDAL | Male | 51 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 10 | NA | NOOR ISLAM PYADA | Male | 31 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 11 | NA | SHAHID MOLLA | Male | 18 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 12 | NA | JAYRAM MADHAVI | Male | 56 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 13 | NA | EKNATH DARE | Male | 48 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 14 | NA | CHANDRAKANT SHELKE | Male | 50 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 15 | NA | ASHRAF SHAIKH | Male | 42 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 16 | NA | CHETAN MADHAVI | Male | 25 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 17 | NA | MANGRUL | Male | 38 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 18 | NA | IMRAN GAZI | Male | 26 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. MD. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | SILA SOLUTION |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | BHALCHANDRA MHATRE | Male | 40 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | HARI BHOR | Male | 43 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | NA | DIPAK GOSAVI | Male | 38 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 4 | NA | ASHOK PATIL | Male | 45 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 5 | NA | UDAY SANGADE | Male | 49 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 6 | NA | NITIN KAMBLE | Male | 27 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 7 | NA | KRISHNA GAIKWAD | Male | 21 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | VAISHNAVI |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | PRAKASH SHINDE | Male | 48 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 2 | NA | KASHINATH MHATRE | Male | 45 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 3 | NA | RAHUL WAGHE | Male | 23 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 4 | NA | AJAY KATKARI | Male | 23 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 5 | NA | AJAY WAGHE | Male | 24 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 6 | NA | RAHUL CHAUDHARI | Male | 20 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 7 | NA | SANTOSH CHAUDHARI | Male | 27 | NA | NA | NA | NA | | 20-Apr-26 | Fit For Job | NA | NA | NA | |
| 8 | NA | KHSHAV NAMPALLI | Male | 43 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 9 | NA | MARTAND DOLKAR | Male | 26 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 10 | NA | PRAMOD KUMAR | Male | 26 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 11 | NA | DHIRAJ KUMAR SINGH | Male | 25 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 12 | NA | VIKAS KUMAR | Male | 25 | NA | NA | NA | NA | | 21-Apr-26 | Fit For Job | NA | NA | NA | |
| 13 | NA | M.D ARMAN | Male | 30 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 14 | NA | RAJU KASHYAP | Male | 32 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 15 | NA | M.D KALIM | Male | 45 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 16 | NA | NIVRUTTI KATHE | Male | 35 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 17 | NA | RAM PATIL | Male | 50 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 18 | NA | SANTOSH PATKAR | Male | 54 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 19 | NA | NITIN HULE | Male | 35 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 20 | NA | PRABHAT RAY | Male | 30 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |
| 21 | NA | RAJ NARAYAN | Male | 30 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT

# FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III,VI,VIII,X,XI, XIII,XIV,XV,XVII,XVIII & XX RULE 114 )

## Health Register : Hikal Limited

## T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208

(In respect of persons employeed in dangerous operations under sect 87)

| Certifying Surgeon : Dr. AMEY MALI ( M.B.B.S, MD , AFIH) | From : 20/04/2026 To 22/04/2026<br>VALID TILL : 19/04/2027 | VISHESH |
|---|---|---|

| Sr No | Employee Code | Employee Name | Gender | Age In Years | DATE OF EMPLOYMENT OF PRESENT WORK | DATE OF LEAVING TRANSFER OF OTHER WORK | REASON FOR LEAVING TRANSFER DISCHARGE | NATURE OF JOB OF JOB OR OCCUPATION Department | RAW MATERIAL OR BY PRODUCT HANDLED | DATE OF EXAMINATION BY CERTIFYING SURGEON | RESULT OF MEDICAL EXAMINATION PHYSICIAN REMRK | IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION | CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON | IF CERTIFICATE OF UNFITNESS OR SUPENSION ISSUED TO WORKER | SIGNATURE WITH DATE OF CERTIFYING SURGEON |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | NA | PREMNATH RAJE | Male | 40 | NA | NA | NA | NA | | 22-Apr-26 | Fit For Job | NA | NA | NA | |

Note : I certify that I examined the person mentioned above personally .
Date : From: 20/04/2026 TO 22/04/2026
Place : Navi Mumbai

Dr. Amey Mali

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
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