



HKL/TAL/MOEF/24-25/02

Date:18.12.2025

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.
(June.2025 to Nov.2025)

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

Dear Sir,

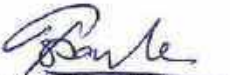
With reference to the above, we hereby submit the half yearly report for the perusal and records.

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 Sept.-2025(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 : L24200MH1988PTCO48028

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. Ventury scrubbers are provided for scrubbing of gas. For other process emissions and storage tank vents packed bed scrubber provided. 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. 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. 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. ETP outlet effluent testing is ongoing as per consent parameters. 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. 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. Used oil and batteries are being sold to authorized recyclers as per the PCB guidelines.
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B. GENERAL CONDITIONS:

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 , NO _x , HC, HCl and Cl ₂) and particulate matter from various process units shall conform 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 SO₂, NO_x, and Particulate matter are monitored on monthly basis from MoEF approved laboratory. 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.

iv) The process emissions (SO₂ 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 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. 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. Reactors & pumps are provided with mechanical seals to reduce the odorous chemicals. 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

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. 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 5 are submitted on annual basis. We are member of MWML- Talaja and all hazardous waste is being disposed off scientifically.

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 Presently workplace monitoring are carried out for noise level in and around the plant area. and noise levels are within prescribed limits. 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. 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 June.2025 This practice will be followed in future also.
xx) The project proponent should advertise in at least two local news papers 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.

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/06-240

Report Date: 07.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	23.06.2025 -24.06.2025	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- 31.05.2025	Sampling Conditions:	Temp: 24°C Climate: Rainy
Date of Receipt of Sample:	30.06.2025	Sample Code:	GFL/AA/25/06-240
Date of Analysis Started:	30.06.2025	Date of Analysis Completed:	05.07.2025
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		
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	70.42	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	33.59	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	14.46	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	16.38	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	50.93	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.27	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	8.71	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/02 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025	

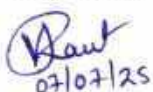
[#] Specified under National Ambient Air Quality Standards by CPCB;

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

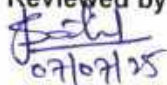
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For Goldfinch Laboratory

Analyzed by


07/07/25Vaibhav Raul
Name, Sign & Date

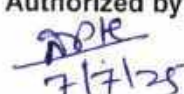
Reviewed by


07/07/25

Jaidip Patel

Name, Sign & Date
(DTM / TM)

Authorized by


7/7/25

Neha S. Apte

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

Page 1 of 1

Report Ref. No.: GFL/AA/R/25/06-241

Report Date: 07.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD , T-21 , MIDC Area , Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	24.06.2025-25.06.2025	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- 30.05.2025	Sampling Conditions:	Temp: 23°C Climate: Rainy
Date of Receipt of Sample:	30.06.2025	Sample Code:	GFL/AA/25/06-241
Date of Analysis Started:	30.06.2025	Date of Analysis Completed:	05.07.2025
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		
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	67.96	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	36.67	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	12.07	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	19.33	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	51.98	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.19	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/02 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025	

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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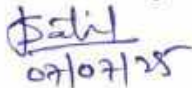
For Goldfinch Laboratory

Analyzed by


07/07/25

Vaibhav Raut
Name, Sign & Date

Reviewed by


07/07/25

Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by


7/7/25

Neha S. Apté.
Name, Sign & Date
(Authorized Signatory TM / QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/06-242

Report Date: 07.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD , T-21 , MIDC Area , Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	25.06.2025-26.06.2025	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- 30.05.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	30.06.2025	Sample Code:	GFL/AA/25/06-242
Date of Analysis Started:	30.06.2025	Date of Analysis Completed:	05.07.2025
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		
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	69.39	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	32.14	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	13.10	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	17.37	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	57.20	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.18	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/02 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

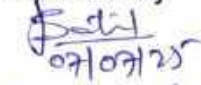
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For Goldfinch Laboratory

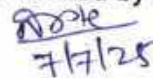
Analyzed by


07/07/25Vaibhav Raut
Name, Sign & Date

Reviewed by


07/07/25Jaidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by


7/7/25Neha S. Arpte
Name, Sign & Date
(Authorized Signatory TM / QM)

Report Ref. No.: GFL/AA/R/25/06-243

Report Date: 07.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD , T-21 , MIDC Area , Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	27.06.2025-28.06.2025	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- 30.05.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	30.06.2025	Sample Code:	GFL/AA/25/06-243
Date of Analysis Started:	30.06.2025	Date of Analysis Completed:	05.07.2025
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		
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	62.10	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	35.81	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	14.18	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	20.15	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	49.03	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.14	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/02 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025	

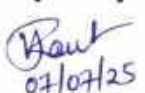
[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

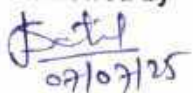
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For Goldfinch Laboratory

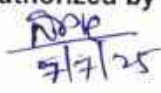
Analyzed by


07/07/25
Vaibhav Raut
Name, Sign & Date

Reviewed by


07/07/25
Jaidip Patil
Name, Sign & Date
(DIM / TM)

Authorized by


7/7/25
Neha S. Apté
Name, Sign & Date
(Authorized Signatory TM / QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/06-244

Report Date: 07.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD , T-21 , MIDC Area , Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	26.06.2025-27.06.2025	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- 30.05.2025	Sampling Conditions:	Temp: 28°C Climate: Rainy
Date of Receipt of Sample:	30.06.2025	Sample Code:	GFL/AA/25/06-244
Date of Analysis Started:	30.06.2025	Date of Analysis Completed:	05.07.2025
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		
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	61.49	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	30.58	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	11.72	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	18.93	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	51.15	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.10	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/02
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025Sampling carried out using ADS
GOLDFINCH/INST-ADS/77
Calibrated on: 03.12.2024
Calibration Due on: 03.12.2025

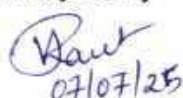
[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

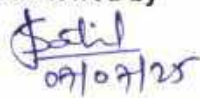
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For Goldfinch Laboratory

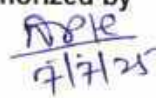
Analyzed by


07/07/25Vaibhav Raut
Name, Sign & Date

Reviewed by


07/07/25Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by


7/7/25Neha S. Aptekar
Name, Sign & Date
(Authorized Signatory TM / QM)

Report Ref. No.: GFL/AA/R/25/06-245

Report Date: 07.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD , T-21 , MIDC Area , Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	23.06.2025 -24.05.2025	Sample Description:	Ambient
Sampling Time:	13.00Hrs-13.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.05.2025	Sampling Conditions:	Temp: 28°C Climate: Rainy
Date of Receipt of Sample:	30.06.2025	Sample Code:	GFL/AA/25/06-245
Date of Analysis Started:	30.06.2025	Date of Analysis Completed:	05.07.2025
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		
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	67.12	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	29.77	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	10.95	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	17.38	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	69.78	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.10	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/03 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026	

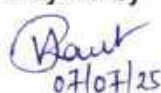
[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

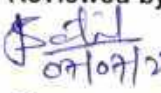
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For Goldfinch Laboratory

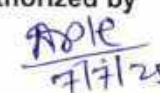
Analyzed by


07/07/25
Vaibhav Raut
Name, Sign & Date

Reviewed by


07/07/25
Jaideep Patil
Name, Sign & Date
(DTM / TM)

Authorized by


7/7/25
Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Report Ref. No.: GFL/AA/R/25/06-246

Report Date: 07.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD , T-21 , MIDC Area , Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	24.06.2025-25.06.2025	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- 30.05.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	30.06.2025	Sample Code:	GFL/AA/25/06-246
Date of Analysis Started:	30.06.2025	Date of Analysis Completed:	05.07.2025
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		
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	68.32	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	30.77	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	11.98	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	23.79	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	60.55	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.09	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/03 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		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.

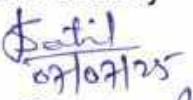
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For Goldfinch Laboratory

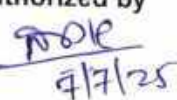
Analyzed by


07/07/25
Vaibhav Raut
Name, Sign & Date

Reviewed by


07/07/25
Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by


07/07/25
Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Report Ref. No.: GFL/AA/R/25/06-247

Report Date: 07.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD , T-21 , MIDC Area , Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	25.06.2025-26.06.2025	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- 30.05.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	30.06.2025	Sample Code:	GFL/AA/25/06-247
Date of Analysis Started:	30.06.2025	Date of Analysis Completed:	05.07.2025
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		
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	63.34	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	31.68	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	10.46	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	19.47	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	51.93	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.12	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	8.35	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/03 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026	

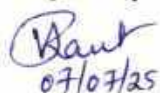
[#] Specified under National Ambient Air Quality Standards by CPCB;

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

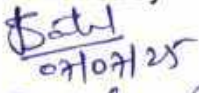
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For Goldfinch Laboratory

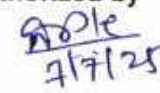
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07/07/25
Vaibhav Raut
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07/07/25
Jaidip Patil
Name, Sign & Date
(BQM / TM)

Authorized by


7/7/25
Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Report Ref. No.: GFL/AA/R/25/06-248

Report Date: 07.07.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	26.06.2025-27.06.2025	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- 30.05.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	30.06.2025	Sample Code:	GFL/AA/25/06-248
Date of Analysis Started:	30.06.2025	Date of Analysis Completed:	05.07.2025
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		
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	66.89	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	30.32	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	11.93	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	19.11	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	55.83	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.10	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	<7.50	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/03 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		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.

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
07/07/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Tajdip Pathi
07/07/25

Tajdip Pathi
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
7/7/25

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-330

Report Date: 06.08.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	21.07.2025 -22.07.2025	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-30.06.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	28.07.2025	Sample Code:	GFL/AA/25/07-330
Date of Analysis Started:	28.07.2025	Date of Analysis Completed:	05.08.2025
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	53.93	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	26.43	60*	µg/m ³	IS 5182 (Part-24): 2019
Sulphur Dioxides as SO ₂	12.57	80*	µg/m ³	IS 5182 (Part-2/Sec 1): 2023
Oxides of Nitrogen as NO _x	18.33	80*	µg/m ³	IS 5182 (Part-6): 2006, Reaffirmed-2022
Ammonia as NH ₃	49.83	400**	µg/m ³	IS 5182 (Part-25): 2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10): 1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.30	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	12.69	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/03 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB.

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
06/08/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taiship Patil
06/08/25

Taiship Patil
Name, Sign & Date
(B/TM / TM)

Authorized by

Neha S. Apte
06/08/25

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-331

Report Date: 06.08.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	22.07.2025-23.07.2025	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- 30.06.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	28.07.2025	Sample Code:	GFL/AA/25/07-331
Date of Analysis Started:	28.07.2025	Date of Analysis Completed:	05.08.2025
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	59.75	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	32.43	60*	µg/m ³	IS 5182 (Part-24): 2019
Sulphur Dioxides as SO ₂	7.25	80*	µg/m ³	IS 5182 (Part-2/Sec 1): 2023
Oxides of Nitrogen as NO _x	8.36	80*	µg/m ³	IS 5182 (Part-6): 2006, Reaffirmed-2022
Ammonia as NH ₃	61.23	400**	µg/m ³	IS 5182 (Part-25): 2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10): 1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.26	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	9.02	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/03 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
06/08/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
06/08/25

Taidip Patil
Name, Sign & Date
(BTM / TM)

Authorized by

Neha S. Apte
06/08/25

Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-332

Report Date: 06.08.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	23.07.2025-24.07.2025	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- 30.06.2025	Sampling Conditions:	Temp: 25°C Climate: Rainy
Date of Receipt of Sample:	28.07.2025	Sample Code:	GFL/AA/25/07-332
Date of Analysis Started:	28.07.2025	Date of Analysis Completed:	05.08.2025
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	60.69	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	26.89	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	6.73	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	19.76	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	51.33	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.28	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.59	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/03 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB.

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Pant
06/08/25
Vaibhav Pant
Name, Sign & Date

Reviewed by

Taidip Patil
06/08/25
Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
06/08/25
Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-333

Report Date: 06.08.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	25.07.2025-26.07.2025	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- 30.06.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	28.07.2025	Sample Code:	GFL/AA/25/07-333
Date of Analysis Started:	28.07.2025	Date of Analysis Completed:	05.08.2025
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	51.74	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	22.76	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	9.77	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	22.73	80*	µg/m ³	IS 5182 (Part-6): 2006, Reaffirmed-2022
Ammonia as NH ₃	60.42	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.28	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.61	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/03 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB.

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
06/08/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Tajidip Patil
06/08/25
Tajidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
06/08/25
Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-334

Report Date: 06.08.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	23.07.2025-24.07.2025	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- 30.06.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	28.07.2025	Sample Code:	GFL/AA/25/07-334
Date of Analysis Started:	28.07.2025	Date of Analysis Completed:	05.08.2025
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	53.51	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	24.36	60*	µg/m ³	IS 5182 (Part-24): 2019
Sulphur Dioxides as SO ₂	8.49	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	8.69	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	65.13	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.28	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.83	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		Sampling carried out using ADS GOLDFINCH/INST-ADS/68 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
06/08/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Tajidip Patil
06/08/25

Tajidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
06/08/25

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Page 1 of 1

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TC-10106

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-335

Report Date: 06.08.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	21.07.2025 -22.05.2025	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- 30.06.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	28.07.2025	Sample Code:	GFL/AA/25/07-335
Date of Analysis Started:	28.07.2025	Date of Analysis Completed:	05.08.2025
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	59.47	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	23.77	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	7.10	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	8.11	80*	µg/m ³	IS 5182 (Part-6) 2006, Reaffirmed-2022
Ammonia as NH ₃	49.18	400**	µg/m ³	IS 5182 (Part-25) 2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.29	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	12.68	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		Sampling carried out using ADS GOLDFINCH/INST-ADS/68 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB;

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
06/08/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaydeep Patil
06/08/25

Jaydeep Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
6/8/25

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Name, Sign & Date
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Page 1 of 1

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-336

Report Date: 06.08.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	24.07.2025-25.07.2025	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- 30.06.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	28.07.2025	Sample Code:	GFL/AA/25/07-336
Date of Analysis Started:	28.07.2025	Date of Analysis Completed:	05.08.2025
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	63.24	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	29.56	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	7.09	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	11.75	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	45.55	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.28	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.81	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		Sampling carried out using ADS GOLDFINCH/INST-ADS/68 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB.

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
06/08/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Tajdip Patil
06/08/25

Tajdip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
6/8/25

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Page 1 of 1

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**QF/LA/10-A**

Report Ref. No.: GFL/AA/R/25/07-337

Report Date: 06.08.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja.			
Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	22.07.2025-23.07.2025	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- 30.06.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	28.07.2025	Sample Code:	GFL/AA/25/07-337
Date of Analysis Started:	28.07.2025	Date of Analysis Completed:	05.08.2025
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	56.74	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	25.75	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	6.33	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	25.25	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	39.08	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.31	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	12.92	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		Sampling carried out using ADS GOLDFINCH/INST-ADS/68 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB.

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
06/08/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaidip Patil
06/08/25
Jaidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
6/8/25
Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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 retention 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.



TC-18166

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/07-338

Report Date: 06.08.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	24.07.2025-25.07.2025	Sample Description:	Ambient
Sampling Time:	13.30Hrs-13.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near CS2 Tank Area
Sampling Plan:	QF/LA/01B- 30.06.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	28.07.2025	Sample Code:	GFL/AA/25/07-338
Date of Analysis Started:	28.07.2025	Date of Analysis Completed:	05.08.2025
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	56.17	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	27.18	60*	µg/m ³	IS 5182 (Part-24): 2019
Sulphur Dioxides as SO ₂	8.75	80*	µg/m ³	IS 5182 (Part-2/Sec 1): 2023
Oxides of Nitrogen as NO _x	9.43	80*	µg/m ³	IS 5182 (Part-6): 2006, Reaffirmed-2022
Ammonia as NH ₃	48.98	400**	µg/m ³	IS 5182 (Part-25): 2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10): 1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.27	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	9.49	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		Sampling carried out using ADS GOLDFINCH/INST-ADS/68 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB.

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
06/08/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Tajdeep Patil
06/08/25
Tajdeep Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
06/08/25
Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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 retention 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.

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-309

Report Date: 03.09.2025

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:	18.08.2025 -19.08.2025	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- 30.07.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	25.08.2025	Sample Code:	GFL/AA/25/08-309
Date of Analysis Started:	25.08.2025	Date of Analysis Completed:	03.09.2025
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	60.40	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	25.79	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	7.85	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	8.57	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	86.67	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.30	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	12.83	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		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.

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

For Goldfinch Laboratory

Analyzed by



Vaibhav Raut
Name, Sign & Date

Reviewed by

Neha S. Apte.
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-310

Report Date: 03.09.2025

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:	19.08.2025-20.08.2025	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- 30.07.2025	Sampling Conditions:	Temp: 25°C Climate: Rainy
Date of Receipt of Sample:	25.08.2025	Sample Code:	GFL/AA/25/08-310
Date of Analysis Started:	25.08.2025	Date of Analysis Completed:	03.09.2025
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	59.46	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	24.46	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	6.48	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	7.05	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	69.05	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.29	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.66	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			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.

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

For Goldfinch Laboratory

Analyzed by



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03/09/25

Name, Sign & Date

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Taidip Patil
03/09/25

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(Authorized Signatory TM / QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-311

Report Date: 03.09.2025

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:	20.08.2025-21.08.2025	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- 30.07.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	25.08.2025	Sample Code:	GFL/AA/25/08-311
Date of Analysis Started:	25.08.2025	Date of Analysis Completed:	03.09.2025
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	58.02	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	22.87	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	8.00	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	6.90	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	82.68	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.31	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	12.67	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			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.

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

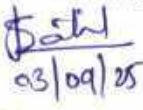
For Goldfinch Laboratory

Analyzed by

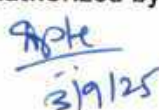



03/09/25
Vaibhav Raut
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(Authorized Signatory TM / QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-312

Report Date: 03.09.2025

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:	22.08.2025-23.08.2025	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- 30.07.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	25.08.2025	Sample Code:	GFL/AA/25/08-312
Date of Analysis Started:	25.08.2025	Date of Analysis Completed:	03.09.2025
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	55.35	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	23.63	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	7.68	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	12.92	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	66.60	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.29	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.14	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			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.

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

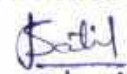
For Goldfinch Laboratory

Analyzed by

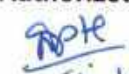



03/09/25
Vaibhav Raut
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03/09/25
Taidip Patil
Name, Sign & Date
(DFM / TM)

Authorized by


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Ncha S. Aptk
Name, Sign & Date
(Authorized Signatory TM / QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-313

Report Date: 03.09.2025

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:	23.08.2025-24.08.2025	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- 30.07.2025	Sampling Conditions:	Temp: 25°C Climate: Rainy
Date of Receipt of Sample:	25.08.2025	Sample Code:	GFL/AA/25/08-313
Date of Analysis Started:	25.08.2025	Date of Analysis Completed:	03.09.2025
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	55.22	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	23.79	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	5.33	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	14.28	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	64.50	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.28	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.07	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			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.

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

For Goldfinch Laboratory

Analyzed by



Vaibhav Raut
03/09/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaidip Patil
03/09/25

Jaidip Patil
Name, Sign & Date
(B/TM / TM)

Authorized by

Neha S. Apte
03/09/25

Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-314

Report Date: 03.09.2025

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:	18.08.2025 -19.08.2025	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- 30.07.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	25.08.2025	Sample Code:	GFL/AA/25/08-314
Date of Analysis Started:	25.08.2025	Date of Analysis Completed:	03.09.2025
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	56.05	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	28.99	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	4.45	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	14.90	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	54.25	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.29	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.02	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/38 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB:

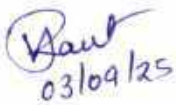
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

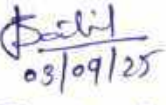
For Goldfinch Laboratory

Analyzed by

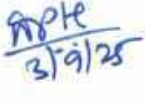



03/09/25
Vaibhav Raut
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(DTM / TM)

Authorized by


31/9/25
Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-315

Report Date: 03.09.2025

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:	19.08.2025-20.08.2025	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- 30.07.2025	Sampling Conditions:	Temp: 25°C Climate: Rainy
Date of Receipt of Sample:	25.08.2025	Sample Code:	GFL/AA/25/08-315
Date of Analysis Started:	25.08.2025	Date of Analysis Completed:	03.09.2025
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	61.54	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	29.09	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	6.35	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	7.86	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	59.57	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.29	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.80	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/38 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by



Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaidip Patil
Name, Sign & Date
(BTM / TM)

Authorized by

Neha S-Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

QF/LA/10-A**Report Ref. No.: GFL/AA/R/25/08-316****Report Date: 03.09.2025****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:	20.08.2025-21.08.2025	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- 30.07.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	25.08.2025	Sample Code:	GFL/AA/25/08-316
Date of Analysis Started:	25.08.2025	Date of Analysis Completed:	03.09.2025
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	53.70	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	28.38	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	6.77	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	7.39	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	60.42	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.32	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	13.19	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/38 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory**Analyzed by**

Vaibhav Raut
03/09/25
Name, Sign & Date

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Jaidip Patil
03/09/25
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31/9/25
Name, Sign & Date
(Authorized Signatory TM / QM)

QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/08-317

Report Date: 03.09.2025

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:	21.08.2025-22.08.2025	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- 30.07.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	25.08.2025	Sample Code:	GFL/AA/25/08-317
Date of Analysis Started:	25.08.2025	Date of Analysis Completed:	03.09.2025
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	58.74	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	22.09	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	7.54	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	9.39	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	77.85	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.29	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.13	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/38 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		Sampling carried out using ADS GOLDFINCH/INST-ADS/77 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] Specified under National Ambient Air Quality Standards by CPCB:

[*] 24 hourly monitoring values; [**] 1 hourly monitoring values; [***] Annual monitoring values.

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

For Goldfinch Laboratory

Analyzed by



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03/09/25

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Tadip Patil
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Neha S. Apte
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(Authorized Signatory TM / QM)



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/09-238

Report Date: 15.10.2025

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:	01.10.2025-02.10.2025	Sample Description:	Ambient
Sampling Time:	13.30Hrs-13.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	06.10.2025	Sample Code:	GFL/AA/25/09-238
Date of Analysis Started:	06.10.2025	Date of Analysis Completed:	15.10.2025
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	63.02	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	28.51	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	9.09	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	13.53	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	48.03	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.27	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	12.95	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCH/INST-ADS/43 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2025	

[#] 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

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15/10/25

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15/10/25

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

Page 1 of 1



QF/LA/10-A

Report Date: 15.10.2025

Report Ref. No.: GFL/AA/R/25/09-239

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:	02.10.2025-03.10.2025	Sample Description:	Ambient
Sampling Time:	14.00Hrs-14.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Fire Pump House
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	06.10.2025	Sample Code:	GFL/AA/25/09-239
Date of Analysis Started:	06.10.2025	Date of Analysis Completed:	15.10.2025
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	57.16	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	23.48	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	09.15	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	14.18	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	32.37	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.25	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.59	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			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

Vaibhav Raut

Name, Sign & Date

Reviewed by

Jaideep Patil

Name, Sign & Date
(DTM / TM)

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

Authorized by

Neha S. Arte

Name, Sign & Date
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Page 1 of 1

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 retention 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.



QF/LA/10-A

Report Date: 15.10.2025

Report Ref. No.: GFL/AA/R/25/09-240

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja.			
Contact Person: Mr. Tushar Jawale, 9820207042.			
Date of Sampling:	29.09.2025-30.09.2025	Sample Description:	Ambient
Sampling Time:	12.30Hrs-12.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate No - 2
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	06.10.2025	Sample Code:	GFL/AA/25/09-240
Date of Analysis Started:	06.10.2025	Date of Analysis Completed:	15.10.2025
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	63.05	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	24.79	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	8.37	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	16.13	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	40.02	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.28	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	13.61	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			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

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

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Page 1 of 1

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/09-241

Report Date: 15.10.2025

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:	03.10.2025-04.10.2025	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- 30.08.2025	Sampling Conditions:	Temp: 28°C Climate: Rainy
Date of Receipt of Sample:	06.10.2025	Sample Code:	GFL/AA/25/09-241
Date of Analysis Started:	06.10.2025	Date of Analysis Completed:	15.10.2025
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	58.52	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	22.08	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	08.15	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	09.60	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	36.63	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.27	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.79	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			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

Vaibhav Raut
15/10/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
15/10/25

Taidip Patil
Name, Sign & Date
(BQM/ TM)

Authorized by

Neha S. Apte
15/10/25

Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

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

Page 1 of 1



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/09-242

Report Date: 15.10.2025

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:	30.09.2025- 01.10.2025	Sample Description:	Ambient
Sampling Time:	13.00Hrs-13.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Pilot Plant
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	06.10.2025	Sample Code:	GFL/AA/25/09-242
Date of Analysis Started:	06.10.2025	Date of Analysis Completed:	15.10.2025
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	56.67	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	23.85	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	8.64	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	14.43	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	34.93	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.26	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.43	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		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

Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

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Page 1 of 1

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/09-243

Report Date: 15.10.2025

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:	29.09.2025- 30.09.2025	Sample Description:	Ambient
Sampling Time:	12.00Hrs-12.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near ETP Plant
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	06.10.2025	Sample Code:	GFL/AA/25/09-243
Date of Analysis Started:	06.10.2025	Date of Analysis Completed:	15.10.2025
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	58.89	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	29.28	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	7.90	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	13.45	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	40.45	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.25	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.08	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026			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

Vaibhav Raut
15/10/25

Vaibhav Raut

Name, Sign & Date

Reviewed by

Taiship Patil
15/10/25

Taiship Patil

Name, Sign & Date
(DTM / TM)

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

Authorized by

Neha S. Arte
15/10/25

Neha S. Arte

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

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/09-244

Report Date: 15.10.2025

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:	30.09.2025- 01.10.2025	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- 30.08.2025	Sampling Conditions:	Temp: 25°C Climate: Rainy
Date of Receipt of Sample:	06.10.2025	Sample Code:	GFL/AA/25/09-244
Date of Analysis Started:	06.10.2025	Date of Analysis Completed:	15.10.2025
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	60.59	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	27.01	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	7.81	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	12.71	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	51.15	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.26	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.24	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		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

Vaibhav Raut

Name, Sign & Date

Reviewed by

Taidip Patil

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Authorized by

Neha S. Aptc.

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Page 1 of 1

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/09-245

Report Date: 15.10.2025

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:	01.10.2025- 02.10.2025	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- 30.08.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	06.10.2025	Sample Code:	GFL/AA/25/09-245
Date of Analysis Started:	06.10.2025	Date of Analysis Completed:	15.10.2025
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	53.01	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	30.83	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	9.58	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	11.91	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	32.73	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.27	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	12.06	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		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

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Vaibhav Raut
Name, Sign & Date

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Jaidip Patil
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Authorized by

Neha S. Aptekar
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----- End of Report -----

Page 1 of 1

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QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/09-246

Report Date: 15.10.2025

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:	02.10.2025- 03.10.2025	Sample Description:	Ambient
Sampling Time:	13.30Hrs-13.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near CS2 Tank Area
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Conditions:	Temp: 26°C Climate: Rainy
Date of Receipt of Sample:	06.10.2025	Sample Code:	GFL/AA/25/09-246
Date of Analysis Started:	06.10.2025	Date of Analysis Completed:	15.10.2025
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	60.52	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	28.14	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	8.72	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	10.64	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	40.07	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.26	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.42	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/39 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2026		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

Vaibhav Raut

Name, Sign & Date

Reviewed by

Taidip Patil

Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte.

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

Page 1 of 1



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/10-379

Report Date: 01.11.2025

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:	13.10.2025-14.10.2025	Sample Description:	Ambient
Sampling Time:	12.30Hrs-12.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Conditions:	Temp: 28°C Climate: Rainy
Date of Receipt of Sample:	24.10.2025	Sample Code:	GFL/AA/25/10-379
Date of Analysis Started:	24.10.2025	Date of Analysis Completed:	01.11.2025
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	68.73	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	29.21	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	13.56	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	19.25	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	51.39	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.18	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.76	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/69 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] 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
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
01/11/25

Taidip Patil
Name, Sign & Date
(DTM/ TM)

Authorized by

Taidip Patil
01/11/25

Taidip Patil
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(Authorized Signatory TM / QM)

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/10-380

Report Date: 01.11.2025

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:	13.10.2025-14.10.2025	Sample Description:	Ambient
Sampling Time:	13.00Hrs-13.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Fire Pump House
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Conditions:	Temp: 28°C Climate: Rainy
Date of Receipt of Sample:	24.10.2025	Sample Code:	GFL/AA/25/10-380
Date of Analysis Started:	24.10.2025	Date of Analysis Completed:	01.11.2025
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	61.37	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	26.07	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	12.92	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	18.94	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	30.64	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.15	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	9.81	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] 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
01/11/25
Vaibhav Raut
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01/11/25
Taidip Patil
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01/11/25
Taidip Patil
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(Authorized Signatory TM / QM)

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/10-381

Report Date: 01.11.2025

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:	14.10.2025-15.10.2025	Sample Description:	Ambient
Sampling Time:	13.30Hrs-13.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate No - 2
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Conditions:	Temp: 25°C Climate: Rainy
Date of Receipt of Sample:	24.10.2025	Sample Code:	GFL/AA/25/10-381
Date of Analysis Started:	24.10.2025	Date of Analysis Completed:	01.11.2025
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	65.43	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	26.38	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	11.83	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	20.53	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	38.16	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.27	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	12.91	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCH/INST-ADS/69 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025	

[#] 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

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01/11/25
Vaibhav Raut
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----- End of Report -----



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/10-382

Report Date: 01.11.2025

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:	14.10.2025-15.10.2025	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- 30.09.2025	Sampling Conditions:	Temp: 25°C Climate: Rainy
Date of Receipt of Sample:	24.10.2025	Sample Code:	GFL/AA/25/10-382
Date of Analysis Started:	24.10.2025	Date of Analysis Completed:	01.11.2025
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	64.67	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	27.33	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	12.16	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	16.18	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	36.99	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.27	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	12.44	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] 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

Vaibhan Raut
01/11/25

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/10-383

Report Date: 01.11.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja. Contact Person: Mr. Tushar Jawale, 9820207042.			
Date of Sampling:	15.10.2025- 16.10.2025	Sample Description:	Ambient
Sampling Time:	15.00Hrs-15.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Pilot Plant
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	24.10.2025	Sample Code:	GFL/AA/25/10-383
Date of Analysis Started:	24.10.2025	Date of Analysis Completed:	01.11.2025
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	60.36	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	25.06	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	10.63	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	21.43	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	38.43	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.26	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	10.75	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/69 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] 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

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01/11/25

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01/11/25

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/10-384

Report Date: 01.11.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja. Contact Person: Mr. Tushar Jawale, 9820207042.			
Date of Sampling:	15.10.2025- 16.10.2025	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- 30.09.2025	Sampling Conditions:	Temp: 28°C Climate: Rainy
Date of Receipt of Sample:	24.10.2025	Sample Code:	GFL/AA/25/10-384
Date of Analysis Started:	24.10.2025	Date of Analysis Completed:	01.11.2025
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	61.89	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	29.01	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	14.29	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	18.67	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	43.66	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.27	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.73	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] 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

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/10-385

Report Date: 01.11.2025

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:	16.10.2025- 17.10.2025	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- 30.09.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	24.10.2025	Sample Code:	GFL/AA/25/10-385
Date of Analysis Started:	24.10.2025	Date of Analysis Completed:	01.11.2025
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	65.57	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	28.95	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	13.84	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	17.46	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	48.43	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.26	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.73	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/69 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] 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
01/11/25

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/10-386

Report Date: 01.11.2025

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:	16.10.2025- 17.10.2025	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- 30.09.2025	Sampling Conditions:	Temp: 27°C Climate: Rainy
Date of Receipt of Sample:	24.10.2025	Sample Code:	GFL/AA/25/10-386
Date of Analysis Started:	24.10.2025	Date of Analysis Completed:	01.11.2025
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	62.89	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	31.52	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	12.97	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	15.11	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	34.08	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.27	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	11.94	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/76 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] 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
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
01/11/25

Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Taidip Patil
01/11/25

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

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/10-387

Report Date: 01.11.2025

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:	17.10.2025- 18.10.2025	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- 30.09.2025	Sampling Conditions:	Temp: 25°C Climate: Rainy
Date of Receipt of Sample:	24.10.2025	Sample Code:	GFL/AA/25/10-387
Date of Analysis Started:	24.10.2025	Date of Analysis Completed:	01.11.2025
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	66.52	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	29.11	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxides as SO ₂	12.86	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen as NO _x	15.67	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia as NH ₃	46.37	400**	µg/m ³	IS 5182 (Part-25):2018, Reaffirmed-2023
Carbon Monoxide as CO	<1.00	04**	mg/m ³	IS 5182 (Part-10):1999, Reaffirmed-2019
Ozone as O ₃	<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 as Pb	0.26	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel as Ni	8.88	20*	ng/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Arsenic as As	<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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		Sampling carried out using ADS GOLDFINCH/INST-ADS/69 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025		

[#] 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
01/11/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Taiship Patil
01/11/25
Taiship Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Taiship Patil
01/11/25
Taiship Patil
Name, Sign & Date
(Authorized Signatory TM / QM)

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/11-387

Report Date: 09.12.2025

Analysis Test Reports for Ambient Air Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja. Contact Person: Mr. Tushar Jawale, 9820207042.			
Date of Sampling:	25.11.2025-26.11.2025	Sample Description:	Ambient
Sampling Time:	12.30Hrs-12.30Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Main Gate
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Conditions:	Temp: 28°C Climate: Clear
Date of Receipt of Sample:	01.12.2025	Sample Code:	GFL/AA/25/11-387
Date of Analysis Started:	01.12.2025	Date of Analysis Completed:	09.12.2025
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	71.20	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	39.40	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide	31.00	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen	43.20	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia	83.18	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	0.28	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel	14.64	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: 03.12.2024 Calibration Due on: 03.12.2025			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

Vaibhav Raut
09/12/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
09/12/25

Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Arte
09/12/25

Neha S. Arte
Name, Sign & Date
(Authorized Signatory TM / QM)

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

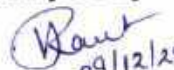
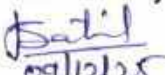
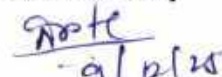
**QF/LA/10-A****Report Ref. No.: GFL/AA/R/25/11-388****Report Date: 09.12.2025****Analysis Test Reports for Ambient Air Monitoring**

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja.			
Contact Person: Mr. Tushar Jawale, 9820207042.			
Date of Sampling:	24.11.2025-25.11.2025	Sample Description:	Ambient
Sampling Time:	12.00Hrs-12.00Hrs	Sample Collected by:	Laboratory
Sampling Duration:	24.00 Hrs	Sampling Location:	Near Fire Pump House
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Conditions:	Temp: 28°C Climate: Clear
Date of Receipt of Sample:	01.12.2025	Sample Code:	GFL/AA/25/11-388
Date of Analysis Started:	01.12.2025	Date of Analysis Completed:	09.12.2025
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	74.81	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	33.69	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide	30.38	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen	41.76	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia	79.90	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	12.71	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: 03.12.2024 Calibration Due on: 03.12.2025			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**
09/12/25**Vaibhav Raut**
Name, Sign & Date**Reviewed by**
09/12/25**Jaidip Patil**
Name, Sign & Date
(DTM / TM)**Authorized by**
- 09/12/25**Neha S. Apte.**
Name, Sign & Date
(Authorized Signatory TM / QM)

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/11-389

Report Date: 09.12.2025

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:	26.11.2025-27.11.2025	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- 30.10.2025	Sampling Conditions:	Temp: 29°C Climate: Clear
Date of Receipt of Sample:	01.12.2025	Sample Code:	GFL/AA/25/11-389
Date of Analysis Started:	01.12.2025	Date of Analysis Completed:	09.12.2025
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	72.57	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	38.15	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide	29.92	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen	39.41	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia	81.12	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	14.10	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 GOLDFINCH/INST-HVS/73 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			Sampling carried out using ADS GOLDFINCH/INST-ADS/44 Calibrated on: 30.05.2025 Calibration Due on: 30.05.2025	

[#] 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
09/12/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patel
09/12/25

Taidip Patel
Name, Sign & Date
(DTM / TM)

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Neha S Apte
9/12/25

Neha S Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/11-390

Report Date: 09.12.2025

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:	28.11.2025-29.11.2025	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- 30.10.2025	Sampling Conditions:	Temp: 29°C Climate: Clear
Date of Receipt of Sample:	01.12.2025	Sample Code:	GFL/AA/25/11-390
Date of Analysis Started:	01.12.2025	Date of Analysis Completed:	09.12.2025
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	73.52	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	38.14	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide	27.99	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen	44.22	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia	82.23	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	0.24	1.0*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Nickel	11.64	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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			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

Vaibhav Raut
09/12/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
09/12/25

Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
09/12/25

Neha S. Apte
Name, Sign & Date
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Page 1 of 1

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/11-391

Report Date: 09.12.2025

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:	27.11.2025- 28.11.2025	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- 30.10.2025	Sampling Conditions:	Temp: 28°C Climate: Clear
Date of Receipt of Sample:	01.12.2025	Sample Code:	GFL/AA/25/11-391
Date of Analysis Started:	01.12.2025	Date of Analysis Completed:	09.12.2025
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	70.86	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	33.15	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide	27.06	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen	44.91	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia	70.25	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	11.82	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: 03.12.2024 Calibration Due on: 03.12.2025			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

Vaibhav Raut
09/12/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Batil
09/12/25

Taidip Batil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
09/12/25

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Page 1 of 1

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/11-392

Report Date: 09.12.2025

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:	24.11.2025- 25.11.2025	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- 30.10.2025	Sampling Conditions:	Temp: 29°C Climate: Clear
Date of Receipt of Sample:	01.12.2025	Sample Code:	GFL/AA/25/11-392
Date of Analysis Started:	01.12.2025	Date of Analysis Completed:	09.12.2025
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	71.00	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	36.84	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide	28.80	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen	43.47	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia	76.63	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	12.35	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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			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

Vaibhav Raut
09/12/25

Vaibhav Raut

Name, Sign & Date

Reviewed by

Taidip Patil
09/12/25

Taidip Patil

Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Agte
9/12/25

Neha S. Agte

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

Page 1 of 1

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



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/11-393

Report Date: 09.12.2025

Analysis Test Reports for Ambient Air Monitoring

Table with 4 columns: Parameter, Value, Sample Description, and Notes. Rows include: Name of the Industry, Contact Person, Date of Sampling, Sampling Time, Sampling Duration, Sampling Plan, Date of Receipt of Sample, Date of Analysis Started, Sample Quantity & Container, Transport Conditions, and Environmental Condition while Testing.

Table with 5 columns: Parameters, Results, Limits (#), Units, and Sampling Method / Test Method. Rows include: Particulate Matter PM10, Particulate Matter PM2.5, Sulphur Dioxide, Oxides of Nitrogen, Ammonia, Carbon Monoxide, Ozone, Benzene, Lead, Nickel, Arsenic, Benzo(a)pyrene, and Sampling Method details.

[#] 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

Signature of Vaibhav Raut
Vaibhav Raut
Name, Sign & Date

Reviewed by

Signature of Taidip Patil
Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Signature of Neha S. Arpte.
Neha S. Arpte.
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 retention 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.



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/11-394

Report Date: 09.12.2025

Analysis Test Reports for Ambient Air Monitoring

Table with 4 columns: Parameter, Value, Sample Description, and Notes. It contains details about the industry (M/S Hikal LTD), sampling date (25.11.2025-26.11.2025), time (13.00Hrs-13.00Hrs), location (Near Main Gate No - 3), and various test results for pollutants like PM10, PM2.5, SO2, etc.

Table with 5 columns: Parameters, Results, Limits (#), Units, and Sampling Method / Test Method. It lists various air quality parameters and their corresponding results and limits.

[#] 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

Signature of Vaibhav Raut dated 09/12/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Signature of Jaidip Patil dated 09/12/25

Jaidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Signature of Nisha S. Aptre dated 09/12/25

Nisha S. Aptre.
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 retention 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.



QF/LA/10-A

Report Ref. No.: GFL/AA/R/25/11-395

Report Date: 09.12.2025

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:	27.11.2025- 28.11.2025	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- 30.10.2025	Sampling Conditions:	Temp: 29°C Climate: Clear
Date of Receipt of Sample:	01.12.2025	Sample Code:	GFL/AA/25/11-395
Date of Analysis Started:	01.12.2025	Date of Analysis Completed:	09.12.2025
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	72.83	100*	µg/m ³	CPCB Guidelines for Measurement of Ambient Air Pollutants (NAAQS Volume-I)
Particulate Matter PM _{2.5}	36.45	60*	µg/m ³	IS 5182 (Part-24):2019
Sulphur Dioxide	29.10	80*	µg/m ³	IS 5182 (Part-2/Sec 1):2023
Oxides of Nitrogen	40.37	80*	µg/m ³	IS 5182 (Part-6):2006, Reaffirmed-2022
Ammonia	75.42	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	12.86	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/74 Calibrated on: 03.12.2024 Calibration Due on: 03.12.2025			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

Vaibhav Raut
01/12/25

Vaibhav Raut

Name, Sign & Date

Reviewed by

Taidip Patil
09/12/25

Taidip Patil

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(BTFM / TM)

Authorized by

Neha S. Apte
01/12/25

Neha S. Apte

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

Page 1 of 1

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

Report Ref. No.: GFL/AS/R/25/06-249

Report Date: 07.07.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD , T-21 , MIDC Area , Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	26.06.2025	Sample Description:	Stack
Sampling Time:	14:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.05.2025	Sampling Location:	Boiler Stack No. 12663
Date of Receipt of Sample:	30.06.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	30.06.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	05.07.2025	Sample Code:	GFL/AS/25/06-249
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):	1.87
Fuel used:	LSHS	Stack Height (m):	40.0
Fuel consumption:	350 lit/hr	Shape of Stack:	Circular
Number of port holes:	3	Area of Stack (m ²):	2.7451
Platform available:	Yes	Details of APCD System:	Bag Filter

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.87		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	123		°C	
Flow/volume of flue Gases	67966.3		m ³ /Hr	
Particulate Matter	43.22	150	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	150.46	621	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	245.42		Kg/day	
Oxides of Nitrogen	38.78	50	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 -08.08.2024
Calibration due on -08.08.2025

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
07/07/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Daidip Patil
07/07/25

Daidip Patil
Name, Sign & Date
(BTM / TM)

Authorized by

Neha S. Apte
9/7/25

Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Report Ref. No.: GFL/AS/R/25/06-250

Report Date: 07.07.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD , T-21 , MIDC Area , Talaja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	27.06.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.05.2025	Sampling Location:	DG Stack 1500 KVA
Date of Receipt of Sample:	30.06.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	30.06.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	05.07.2025	Sample Code:	GFL/AS/25/06-250
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%			

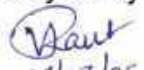
Stack Details			
Stack Attached To:	DG Stack 1500 KVA	Stack Diameter (m):	0.3
Fuel used:	HSD	Stack Height (m):	6.0
Fuel consumption:	10 lit/hrs.	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m ²):	0.0707
Platform available:	Yes	Details of APCD System:	--

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.74		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	122		°C	
Flow/volume of flue Gases	1715.4		m ³ /Hr	
Particulate Matter	63.75	150	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	100.30	--	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	4.13	160	Kg/day	
Oxides of Nitrogen	44.30	--	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 -08.08.2024 Calibration due on -08.08.2025				

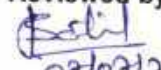
----- End of Report -----

For Goldfinch Laboratory

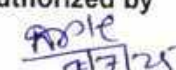
Analyzed by


07/07/25
Vaibhav Raut
Name, Sign & Date

Reviewed by


07/07/25
Jaidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by


07/07/25
Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Report Ref. No.: GFL/AS/R/25/06-251

Report Date: 07.07.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	26.06.2025	Sample Description:	Stack
Sampling Time:	15:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.05.2025	Sampling Location:	Fire Pump House Diesel Engine
Date of Receipt of Sample:	30.06.2025	Sampling Environmental Conditions:	Temp: 33°C
Date of Analysis Started:	30.06.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	05.07.2025	Sample Code:	GFL/AS/25/06-251
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 House Diesel Engine	Stack Diameter (m):	0.125
Fuel used:	Diesel	Stack Height (m):	1.00
Fuel consumption:	--	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	7.47		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	139		°C	
Flow/volume of flue Gases	330.7		m ³ /Hr	
Particulate Matter	54.39	--	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	401.21	--	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	3.18	--	Kg/day	
Oxides of Nitrogen	37.40	--	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 -08.08.2024 Calibration due on -08.08.2025				

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
07/07/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taiship Patil
07/07/25

Taiship Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
9/7/25

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Report Ref. No.: GFL/AS/R/25/06-252

Report Date: 07.07.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	24.06.2025	Sample Description:	Stack
Sampling Time:	13:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.05.2025	Sampling Location:	General common scrubber
Date of Receipt of Sample:	30.06.2025	Sampling Environmental Conditions:	Temp: 30°C
Date of Analysis Started:	30.06.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	05.07.2025	Sample Code:	GFL/AS/25/06-252
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):	0.3
Fuel used:	-	Stack Height (m):	30
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.0707
Platform available:	Yes	Details of APCD System:	--

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.97		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	35		°C	
Flow/volume of flue Gases	1519.4		m³/Hr	
Toluene	0.018	--	ppm	GFL/SOP/GCMS-05
	0.068	100	mg/Nm³	
Xylene	<0.001	--	ppm	GFL/SOP/GC-01
	<0.004	100	mg/Nm³	
Acetone	0.260	--	ppm	GFL/SOP/GCMS-05
	<0.62	100	mg/Nm³	

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on -08.08.2024
Calibration due on -08.08.2025

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
07/07/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Twidip Potil
07/07/25

Twidip Potil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
7/7/25

Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Report Ref. No.: GFL/AS/R/25/06-253

Report Date: 05.07.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD , T-21 , MIDC Area , Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	24.06.2025	Sample Description:	Stack
Sampling Time:	15:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.05.2025	Sampling Location:	Emergency Chlorine Scrubber
Date of Receipt of Sample:	30.06.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	30.06.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	05.07.2025	Sample Code:	GFL/AS/25/06-253
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:	Emergency Chlorine Scrubber	Stack Diameter (m):	0.5
Fuel used:	-	Stack Height (m):	17.00
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m ²):	0.1963
Platform available:	Yes	Details of APCD System:	--

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.82		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	33		°C	
Flow/volume of flue Gases	4117.2		m ³ /Hr	
Chlorine	1.32	5	mg/Nm ³	USEPA 0051, USEPA 9057

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on -08.08.2024
Calibration due on -08.08.2025

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
07/07/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taiship Patil
07/07/25

Taiship Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
07/07/25

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)



TC-18168

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/07-339

Report Date: 06.08.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	23.07.2025	Sample Description:	Stack
Sampling Time:	14:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.06.2025	Sampling Location:	Boiler Stack No. 12663
Date of Receipt of Sample:	28.07.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	28.07.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	05.08.2025	Sample Code:	GFL/AS/25/07-339
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):	1.87
Fuel used:	Briquette / LSHS	Stack Height (m):	40.0
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	3	Area of Stack (m ²):	2.7451
Platform available:	Yes	Details of APCD System:	Bag Filter

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.69		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	127		°C	
Flow/volume of flue Gases	227706.0		m ³ /Hr	
Particulate Matter	47.52	150	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	33.43	--	mg/Nm ³	IS: 11255 (Part 2): 1985 Reaffirmed 2019
	182.72	--	Kg/day	
Oxides of Nitrogen	38.25	--	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 -08.08.2024

Calibration due on -08.08.2025

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut

Name, Sign & Date

Reviewed by

Jaidip Patil

Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte

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

Page 1 of 1

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 retention 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.



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/07-340

Report Date: 06.08.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	25.07.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.06.2025	Sampling Location:	DG Stack 1500 KVA
Date of Receipt of Sample:	28.07.2025	Sampling Environmental Conditions:	Temp: 30°C
Date of Analysis Started:	28.07.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	05.08.2025	Sample Code:	GFL/AS/25/07-340
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):	0.3
Fuel used:	HSD	Stack Height (m):	6.0
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m ²):	0.0707
Platform available:	Yes	Details of APCD System:	--

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	7.19		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	136		°C	
Flow/volume of flue Gases	1830.0		m ³ /Hr	
Particulate Matter	46.99	150	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	61.30	--	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	2.69	160	Kg/day	
Oxides of Nitrogen	32.40	--	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 -08.08.2024
Calibration due on -08.08.2025

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
06/08/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaidip Patel
06/08/25
Jaidip Patel
Name, Sign & Date
(DTM / TM)

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06/08/25
Neha S. Aptre.
Name, Sign & Date
(Authorized Signatory TM / QM)



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/07-341

Report Date: 06.08.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	27.07.2025	Sample Description:	Stack
Sampling Time:	10:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.06.2025	Sampling Location:	Fire Pump Diesel Engine
Date of Receipt of Sample:	28.07.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	28.07.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	05.08.2025	Sample Code:	GFL/AS/25/07-341
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 (m²):	0.0123
Platform available:	Yes	Details of APCD System:	--

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	7.13		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	137		°C	
Flow/volume of flue Gases	315.7		m³/Hr	
Particulate Matter	44.22	--	mg/Nm³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	172.74	--	mg/Nm³	IS:11255 (Part 2):1985 Reaffirmed 2019
	1.31	--	Kg/day	
Oxides of Nitrogen	33.64	--	mg/Nm³	IS:11255 (Part 7):2005, Reaffirmed 2022
Sampling Carried out using Stack Monitoring Kit ID No. GOLDFINCH/INS-STACK/50 Calibrated on -08.08.2024 Calibration due on -08.08.2025				

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
06/08/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Tajdip Patil
06/08/25

Tajdip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
6/8/25

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/07-342

Report Date: 06.08.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Taloja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	24.07.2025	Sample Description:	Stack
Sampling Time:	13:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.06.2025	Sampling Location:	General common scrubber
Date of Receipt of Sample:	28.07.2025	Sampling Environmental Conditions:	Temp: 29°C
Date of Analysis Started:	28.07.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	05.08.2025	Sample Code:	GFL/AS/25/07-342
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):	0.3
Fuel used:	-	Stack Height (m):	30
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.0707
Platform available:	Yes	Details of APCD System:	--

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.02		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	37		°C	
Flow/volume of flue Gases	1531.5		m³/Hr	
Toluene	0.02	--	ppm	GFL/SOP/GCMS-05
	0.06	100	mg/Nm³	
Xylene	1.51	--	ppm	GFL/SOP/GCMS-05
	6.57	100	mg/Nm³	
Acetone	<0.003	--	ppm	GFL/SOP/GCMS-05
	<0.007	100	mg/Nm³	

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on -08.08.2024
Calibration due on -08.08.2025

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

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
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Vaibhav Raut
Name, Sign & Date

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Taidip Patil
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Page 1 of 1

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/07-343

Report Date: 06.08.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja. Mr. Tushar Jawale, Contact Person: 9820207042			
Date of Sampling:	24.07.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.06.2025	Sampling Location:	Emergency Chlorine Scrubber
Date of Receipt of Sample:	28.07.2025	Sampling Environmental Conditions:	Temp: 28°C
Date of Analysis Started:	28.07.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	05.08.2025	Sample Code:	GFL/AS/25/07-343
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:	Emergency Chlorine Scrubber	Stack Diameter (m):	0.5
Fuel used:	-	Stack Height (m):	17.00
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.1963
Platform available:	Yes	Details of APCD System:	--

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.79		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	37		°C	
Flow/volume of flue Gases	4092.5		m³/Hr	
Chlorine	2.40	5	mg/Nm³	USEPA 0051, USEPA 9057

Sampling Carried out using Stack Monitoring Kit
ID No. GOLDFINCH/INS-STACK/50
Calibrated on -08.08.2024
Calibration due on -08.08.2025

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

For Goldfinch Laboratory

Analyzed by

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06/08/25
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Name, Sign & Date

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06/08/25
Jaidip Patil
Name, Sign & Date
(DTM / TM)

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06/08/25
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(Authorized Signatory TM / QM)

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/08-318

Report Date: 03.09.2025

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:	21.08.2025	Sample Description:	Stack
Sampling Time:	12:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.07.2025	Sampling Location:	Boiler Stack No. 12663
Date of Receipt of Sample:	25.08.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	25.08.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	03.09.2025	Sample Code:	GFL/AS/25/08-318
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):	1.87
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):	2.7451
Platform available:	Yes	Details of APCD System:	Bag Filter

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.92		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	124		°C	
Flow/volume of flue Gases	68460.0		m ³ /Hr	
Particulate Matter	57.53	150	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	50.65	--	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	83.22	--	Kg/day	
Oxides of Nitrogen	35.63	--	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				

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

For Goldfinch Laboratory

Analyzed by



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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/08-319

Report Date: 03.09.2025

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:	20.08.2025	Sample Description:	Stack
Sampling Time:	14:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.07.2025	Sampling Location:	DG Stack 1500 KVA
Date of Receipt of Sample:	25.08.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	25.08.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	03.09.2025	Sample Code:	GFL/AS/25/08-319
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):	0.3
Fuel used:	HSD	Stack Height (m):	6.0
Fuel consumption:	0 lit/hrs.	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m ²):	0.0707
Platform available:	Yes	Details of APCD System:	--

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	7.03		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	131		°C	
Flow/volume of flue Gases	1791.1		m ³ /Hr	
Particulate Matter	41.71	150	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	33.77	--	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	1.45	160	Kg/day	
Oxides of Nitrogen	33.29	--	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

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

For Goldfinch Laboratory

Analyzed by



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(Authorized Signatory TM / QM)

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/08-320

Report Date: 03.09.2025

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:	20.08.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.07.2025	Sampling Location:	Fire Pump Diesel Engine
Date of Receipt of Sample:	25.08.2025	Sampling Environmental Conditions:	Temp: 33°C
Date of Analysis Started:	25.08.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	03.09.2025	Sample Code:	GFL/AS/25/08-320
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	8.13		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	142		°C	
Flow/volume of flue Gases	358.8		m ³ /Hr	
Particulate Matter	30.01	--	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	67.53	--	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	0.58	--	Kg/day	
Oxides of Nitrogen	34.85	--	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

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

For Goldfinch Laboratory

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/08-321

Report Date: 03.09.2025

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:	21.08.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.07.2025	Sampling Location:	General common scrubber
Date of Receipt of Sample:	25.08.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	25.08.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	03.09.2025	Sample Code:	GFL/AS/25/08-321
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):	0.3
Fuel used:	-	Stack Height (m):	30.0
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.0707
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.17		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	37		°C	
Flow/volume of flue Gases	1570.9		m³/Hr	
Toluene	<0.005	--	ppm	GFL/SOP/GCMS-05
	<0.019	100	mg/Nm³	
Acetone	<0.003	--	ppm	GFL/SOP/GCMS-05
	<0.003	100	mg/Nm³	

Sampling Carried out using Stack Monitoring Kit

ID No. GOLDFINCH/INS-STACK/50

Calibrated on -01.08.2025

Calibration due on -01.08.2026

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

For Goldfinch Laboratory

Analyzed by



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03/09/25
Vaibhav Raut
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03/09/25
Jaidip Patil
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Neha S. Apke.
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(Authorized Signatory TM / QM)

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/08-321

Report Date: 03.09.2025

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:	21.08.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.07.2025	Sampling Location:	General common scrubber
Date of Receipt of Sample:	25.08.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	25.08.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	03.09.2025	Sample Code:	GFL/AS/25/08-321
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):	0.3
Fuel used:	-	Stack Height (m):	30.0
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.0707
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	
Sampling Carried out using Stack Monitoring Kit ID No. GOLDFINCH/INS-STACK/50 Calibrated on -01.08.2025 Calibration due on -01.08.2026				

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

For Goldfinch Laboratory

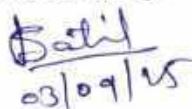
Analyzed by


03/09/25

Vaibhav Raut

Name, Sign & Date

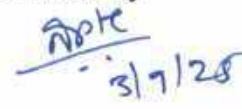
Reviewed by


03/09/25

Taidip Patil

Name, Sign & Date
(DTM / TM)

Authorized by


3/9/25

Neha S. Apté.

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-248

Report Date: 15.10.2025

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:	01.10.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	Boiler Stack No. 12663
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-248
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 (m²):	1.7663
Platform available:	Yes	Details of APCD System:	Bag Filter

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.90		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	128		°C	
Flow/volume of flue Gases	43926.5		m³/Hr	
Particulate Matter	83.12	150	mg/Nm³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	45.02	--	mg/Nm³	IS:11255 (Part 2):1985 Reaffirmed 2019
	47.46	--	Kg/day	
Oxides of Nitrogen	39.79	--	mg/Nm³	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
15/10/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaidip Patil
15/10/25

Jaidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Aptle
15/10/25

Neha S. Aptle.
Name, Sign & Date
(Authorized Signatory TM / QM)

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

Page 1 of 1



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-247

Report Date: 15.10.2025

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:	01.10.2025	Sample Description:	Stack
Sampling Time:	12:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	DG Stack 1500 KVA
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-247
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:	HSD	Stack Height (m):	6.0
Fuel consumption:	0 lit/hrs.	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	8.13		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	155		°C	
Flow/volume of flue Gases	4460.4		m ³ /Hr	
Particulate Matter	44.92	150	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	28.14	--	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	3.01	160	Kg/day	
Oxides of Nitrogen	33.19	--	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

Name, Sign & Date

Reviewed by

Taidip Patil

Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte

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

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-259

Report Date: 15.10.2025

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:	01.10.2025	Sample Description:	Stack
Sampling Time:	14:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	Fire Pump Diesel Engine
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-259
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	8.66		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	152		°C	
Flow/volume of flue Gases	383.4		m ³ /Hr	
Particulate Matter	36.41	--	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	39.39	--	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	0.36	--	Kg/day	
Oxides of Nitrogen	32.17	--	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

Name, Sign & Date

Reviewed by

Jaidip Patil

Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apté.

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

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

Page 1 of 1



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-249

Report Date: 15.10.2025

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:	02.10.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	S-5 Ventillation Blower-(Phase 1) Blower 201
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 30°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-249
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 Ventillation Blower-(Phase 1) Blower 201	Stack Diameter (m):	0.25
Fuel used:	-	Stack Height (m):	27
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.0491
Platform available:	Yes	Details of APCD System:	--

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.82	150	m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	53		°C	
Flow/volume of flue Gases	1028.7		m³/Hr	
Particulate Matter	10.85	150	mg/Nm³	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
15/10/25

Vaibhav Raut

Name, Sign & Date

Reviewed by

Taidip Patil
15/10/25

Taidip Patil

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Neha S. Apt.
15/10/25

Neha S. Apt.

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-251

Report Date: 15.10.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja. Contact Person: Mr. Tushar Jawale, 9820207042.			
Date of Sampling:	02.10.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	S-7 Vent Sorb Blower Plant 2 BLW 501
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-251
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
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.1590
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.22		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	37		°C	
Flow/volume of flue Gases	3560.8		m³/Hr	
Particulate Matter	88.03	--	mg/Nm³	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
15/10/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaidip Patil
15/10/25

Jaidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
15/10/25

Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

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Page 1 of 1



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-252

Report Date: 15.10.2025

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:	30.09.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	S-8 Vent Blower Plant 3 BLW 605
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-252
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 (m²):	0.066
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.75		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	33		°C	
Flow/volume of flue Gases	1366.1		m³/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

Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaidip Padil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

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Page 1 of 1

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-253

Report Date: 15.10.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja. Contact Person: Mr. Tushar Jawale, 9820207042.			
Date of Sampling:	03.09.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	S-10 Emergency Chlorine Blower
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-253
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):	0.83
Fuel used:	-	Stack Height (m):	17.00
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.5407
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.85	5	m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	37		°C	
Flow/volume of flue Gases	11401.7		m³/Hr	
Chlorine	1.54	5	mg/m³	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

Vaibhav Raut
15/10/25

Vaibhav Raut

Name, Sign & Date

Reviewed by

Taidip Patil
15/10/25

Taidip Patil

Name, Sign & Date
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Authorized by

Ncha S. Apte
15/10/25

Ncha S. Apte

Name, Sign & Date
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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-254

Report Date: 15.10.2025

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:	30.09.2025	Sample Description:	Stack
Sampling Time:	13:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	S-11 Ammonia scrubber C- 1203
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-254
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 (m²):	0.00196
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.90		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	40		°C	
Flow/volume of flue Gases	48.7		m³/Hr	
Ammonia	<7.00	50	mg/m³	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

Name, Sign & Date

Reviewed by

Jaidip Patil

Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte

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

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-255

Report Date: 15.10.2025

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:	30.09.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	S-12 Bag Filter Blower (BLW-601)
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-255
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 (m²):	0.078
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	10.85		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	62		°C	
Flow/volume of flue Gases	3042.7		m³/Hr	
Particulate Matter	32.93	150	mg/Nm³	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

Paul
15/10/25

Vaibhav Paul

Name, Sign & Date

Reviewed by

Jatili
15/10/25

Jatili Patel

Name, Sign & Date
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15/10/25

Neha S. Apte

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-256

Report Date: 15.10.2025

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:	30.09.2025	Sample Description:	Stack
Sampling Time:	15:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	S-13 Bag Filter Blower (BLW-602)
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-256
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 (m²):	0.049
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	10.32		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	61		°C	
Flow/volume of flue Gases	1823.7		m³/Hr	
Particulate Matter	98.15	150	mg/Nm³	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
15/10/25

Vaibhav Raut

Name, Sign & Date

Reviewed by

Taidip Patil
15/10/25

Taidip Patil

Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
15/10/25

Neha S. Apte

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(Authorized Signatory TM / QM)

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QF/LA/10-E

Report Ref. No.: GFL/AS/R/25/09-257

Report Date: 15.10.2025

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:	30.09.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	S-14 Bag Filter Blower (BLW-603)
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-257
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 (m²):	0.049
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	7.21		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	33		°C	
Flow/volume of flue Gases	1274.4		m³/Hr	
Particulate Matter	31.30	150	mg/Nm³	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
15/10/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taichip Patil
15/10/25

Taichip Patil
Name, Sign & Date
(BTM / TM)

Authorized by

Neha S. Apte
15/10/25

Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

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

Page 1 of 1

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 retention 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.



QF/LA/10-E

Report Ref. No.: GFL/AS/R/25/09-258

Report Date: 15.10.2025

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:	03.10.2025	Sample Description:	Stack
Sampling Time:	11:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	General common scrubber
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-258
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 (m²):	0.049
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.44		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	36		°C	
Flow/volume of flue Gases	961.5		m³/Hr	
Toluene	<0.005	--	ppm	GFL/SOP/GCMS-05
	<0.019	100	mg/Nm³	
Acetone	<0.003	--	ppm	GFL/SOP/GCMS-05
	<0.003	100	mg/Nm³	

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
15/10/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
15/10/25

Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
15/10/25

Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

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

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-258

Report Date: 15.10.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja. Contact Person: Mr. Tushar Jawale, 9820207042.			
Date of Sampling:	03.10.2025	Sample Description:	Stack
Sampling Time:	11:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	General common scrubber
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 31 ^o C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-258
Sample Quantity & Container:	Charcoal Tube: 1		
Transport Conditions:	Bottles < 5 ^o C	Thimbles in plastic container	Bladder, charcoal tube at ambient temp.
Environmental Condition while Testing: - Temperature: 25±2 ^o 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	

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
15/10/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Patil
15/10/25

Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Apte
15/10/25

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

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

Page 1 of 1

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/09-252

Report Date: 15.10.2025

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:	30.09.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.08.2025	Sampling Location:	S-8 Vent Blower Plant 3 BLW 605
Date of Receipt of Sample:	06.10.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	06.10.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	15.10.2025	Sample Code:	GFL/AS/25/09-252
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 (m²):	0.066
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Organic Concentration	0.20	100	mg/m³	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
15/10/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Patil
15/10/25

Taidip Patil
Name, Sign & Date
(DTM/ TM)

Authorized by

Apte
15/10/25

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

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

Page 1 of 1

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-388

Report Date: 01.11.2025

Analysis Test Report for Stack Emissions Monitoring

Table with 4 columns: Parameter, Value, Parameter, Value. Includes details like Name of the Industry (M/S Hikal LTD), Date of Sampling (15.10.2025), Sample Description (Stack), and Environmental Conditions.

Table with 4 columns: Parameter, Value, Parameter, Value. Stack Details including Stack Attached To (DG Stack 1500 KVA), Fuel used (HSD), and Stack Diameter (0.15 m).

Table with 5 columns: Parameters, Results, MPCB Limits, Units, Sampling Method / Test Method. Lists parameters like Velocity of flue gases, Temperature of flue Gases, and Particulate Matter.

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

Signature of Vaibhav Raut
Name, Sign & Date

Reviewed by

Signature of Taidip Patil
Name, Sign & Date (DTM / TM)

Authorized by

Signature of Taidip 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 retention 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.



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-389

Report Date: 01.11.2025

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:	15.10.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	Boiler Stack No. 12663
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 33°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-389
Sample Quantity & Container:	SO ₂ :1Bottle; NO ₂ :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	6.86		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	126		°C	
Flow/volume of flue Gases	67823.7		m ³ /Hr	
Particulate Matter	62.37	150	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	50.65	--	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	82.44	--	Kg/day	By Calculation
Oxides of Nitrogen	34.55	--	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
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
01/11/25

Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Taidip Patil
01/11/25

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

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-390 Report Date: 01.11.2025
Analysis Test Report for Stack Emissions Monitoring

Table with 4 columns: Parameter, Value, Parameter, Value. Includes details like Name of the Industry, Date of Sampling, Sample Description, and Environmental Conditions.

Table with 4 columns: Parameter, Value, Parameter, Value. Stack Details including Stack Attached To, Fuel used, and Stack Diameter.

Table with 5 columns: Parameters, Results, MPCB Limits, Units, Sampling Method / Test Method. Includes data for Velocity of flue gases, Temperature of flue Gases, and Particulate Matter.

For Goldfinch Laboratory
Analyzed by

Signature of Vaibhav Raut
01/11/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Signature of Taidip Patil
01/11/25
Taidip Patil
Name, Sign & Date
(DFM / TM)

Authorized by

Signature of Taidip Patil
01/11/25
Taidip Patil
Name, Sign & Date
(Authorized Signatory TM / QM)

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

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-391

Report Date: 01.11.2025

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:	14.10.2025	Sample Description:	Stack
Sampling Time:	17:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	S-6 Acid Scrubber C- 502
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-391
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 (m²):	0.1590
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.60		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	37.5		°C	
Flow/volume of flue Gases	3202.2		m³/Hr	
Acidmist	<16.00	20	mg/Nm³	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

Vaibhav Raut
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
01/11/25

Taidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Taidip Patil
01/11/25

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

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

Page 1 of 1



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-392

Report Date: 01.11.2025

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:	14.10.2025	Sample Description:	Stack
Sampling Time:	17:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	S-7 Vent Sorb Blower Plant 2 BLW 501
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 29°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-392
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
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.1590
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.27		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	38		°C	
Flow/volume of flue Gases	3588.3		m³/Hr	
Particulate Matter	52.11	--	mg/Nm³	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
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patel
01/11/25

Taidip Patel
Name, Sign & Date
(BDM / TM)

Authorized by

Taidip Patel
01/11/25

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

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-393

Report Date: 01.11.2025

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:	13.10.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	S-8 Vent Blower Plant 3 BLW 605
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-393
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 (m²):	0.066
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.72		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	34		°C	
Flow/volume of flue Gases	1359.1		m³/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

Vaibhav Raut
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taichip Patil
01/11/25

Taichip Patil
Name, Sign & Date
(DTM/ TM)

Authorized by

Taichip Patil
01/11/25

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

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

Page 1 of 1



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-394

Report Date: 01.11.2025

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:	15.10.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	S-10 Emergency Chlorine Blower
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 34°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-394
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):	0.83
Fuel used:	-	Stack Height (m):	17.00
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m ²):	0.5407
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.66		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	37		°C	
Flow/volume of flue Gases	11018.8		m ³ /Hr	
Chlorine	1.53	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

Vaibhav Raut
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
01/11/25

Taidip Patil
Name, Sign & Date
(DFM / TM)

Authorized by

Taidip Patil
01/11/25

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

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

Page 1 of 1



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-395

Report Date: 01.11.2025

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:	13.10.2025	Sample Description:	Stack
Sampling Time:	13:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	S-11 Ammonia scrubber C- 1203
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-395
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 (m²):	0.00196
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.12	50	m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	41		°C	
Flow/volume of flue Gases	43.2		m³/Hr	
Ammonia	<7.00	50	mg/m³	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
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taiship Patil
01/11/25

Taiship Patil
Name, Sign & Date
(DFM / TM)

Authorized by

Taiship Patil
01/11/25

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

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

Page 1 of 1



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-396

Report Date: 01.11.2025

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:	13.10.2025	Sample Description:	Stack
Sampling Time:	16:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	S-12 Bag Filter Blower (BLW-601)
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 754 mm-Hg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-396
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 (m²):	0.078
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	10.93		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	62.5		°C	
Flow/volume of flue Gases	3065.7		m³/Hr	
Particulate Matter	28.36	150	mg/Nm³	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
01/11/25

Vaibhav Raut

Name, Sign & Date

Reviewed by

Taidip Patil
01/11/25

Taidip Patil

Name, Sign & Date
(DTM / TM)

Authorized by

Taidip Patil
01/11/25

Taidip Patil

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

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-397

Report Date: 01.11.2025

Analysis Test Report for Stack Emissions Monitoring

Table with 4 columns: Parameter, Value, Sample Description, and Additional Info. Rows include Name of the Industry, Contact Person, Date of Sampling, Sampling Time, Sampling Plan, Date of Receipt of Sample, Date of Analysis Started, Date of Analysis Completed, Sample Quantity & Container, Transport Conditions, and Environmental Condition while Testing.

Table with 4 columns: Parameter, Value, Stack Diameter (m), and Additional Info. Rows include Stack Attached To, Fuel used, Fuel consumption, Number of port holes, Platform available, Stack Height (m), Shape of Stack, Area of Stack (m²), and Details of APCD System.

Table with 5 columns: Parameters, Results, MPCB Limits, Units, and Sampling Method / Test Method. Rows include Velocity of flue gases, Temperature of flue Gases, Flow/volume of flue Gases, and Particulate Matter. Includes a note about sampling carried out using Stack Monitoring Kit.

For Goldfinch Laboratory
Analyzed by

Signature of Vaibhav Raut
01/11/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Signature of Taidip Patil
01/11/25
Taidip Patil
Name, Sign & Date
(DFM / TM)

Authorized by

Signature of Taidip Patil
01/11/25
Taidip 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 retention 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.



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-398

Report Date: 01.11.2025

Analysis Test Report for Stack Emissions Monitoring

Table with 4 columns: Parameter, Value, Parameter, Value. Includes details like Name of the Industry (M/S Hikal LTD), Date of Sampling (13.10.2025), Sample Description (Stack), and Environmental Conditions (Temperature: 25±2°C, Humidity: 30-80%).

Table with 4 columns: Parameter, Value, Parameter, Value. Stack Details including Stack Attached To (S-14 Bag Filter Blower), Stack Diameter (0.25m), Stack Height (22.0m), and Details of APCD System (Scrubber).

Table with 5 columns: Parameters, Results, MPCB Limits, Units, Sampling Method / Test Method. Results for Velocity of flue gases (7.28 m/s), Temperature of flue Gases (33 °C), Flow/volume of flue Gases (1285.2 m³/Hr), and Particulate Matter (27.14 mg/Nm³).

For Goldfinch Laboratory

Analyzed by

Signature of Vaibhav Raut
Name, Sign & Date

Reviewed by

Signature of Taidip Patil
Name, Sign & Date (DTM / TM)

Authorized by

Signature of Taidip 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 retention 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.



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-399

Report Date: 01.11.2025

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:	15.10.2025	Sample Description:	Stack
Sampling Time:	11:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	General common scrubber
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-399
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 (m²):	0.049
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.77		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	33		°C	
Flow/volume of flue Gases	1467.1		m³/Hr	
Toluene	<0.005	--	ppm	GFL/SOP/GCMS-05
	<0.019	100	mg/Nm³	
Acetone	<0.003	--	ppm	GFL/SOP/GCMS-05
	<0.003	100	mg/Nm³	

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
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaidip Patil
01/11/25

Jaidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Jaidip Patil
01/11/25

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

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-400

Report Date: 01.11.2025

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:	15.10.2025	Sample Description:	Stack
Sampling Time:	14:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	Fire Pump Diesel Engine
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-400
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	7.1		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	136		°C	
Flow/volume of flue Gases	313.3		m ³ /Hr	
Particulate Matter	32.92	--	mg/Nm ³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sulphur Dioxide Content	33.77	--	mg/Nm ³	IS:11255 (Part 2):1985 Reaffirmed 2019
	0.25	--	Kg/day	By Calculations
Oxides of Nitrogen	23.65	--	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

Vaibhav Raut
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taichip Patil
01/11/25

Taichip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Taichip Patil
01/11/25

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

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

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-393

Report Date: 01.11.2025

Analysis Test Report for Stack Emissions Monitoring

Name of the Industry: M/S Hikal LTD, T-21, MIDC Area, Talaja.			
Contact Person: Mr. Tushar Jawale, 9820207042.			
Date of Sampling:	13.10.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	S-8 Vent Blower Plant 3 BLW 605
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-393
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 (m²):	0.066
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Organic Concentrations	ND	100	mg/Nm³	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

Vaibhav Raut
01/11/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taiship Patel
01/11/25

Taiship Patel
Name, Sign & Date
(DTM / TM)

Authorized by

Taiship Patel
01/11/25

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

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

Page 1 of 1

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/10-399

Report Date: 01.11.2025

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:	15.10.2025	Sample Description:	Stack
Sampling Time:	11:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.09.2025	Sampling Location:	General common scrubber
Date of Receipt of Sample:	24.10.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	24.10.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	01.11.2025	Sample Code:	GFL/AS/25/10-399
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 (m²):	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	
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
01/11/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
01/11/25
Taidip Patil
Name, Sign & Date
(DTM/ TM)

Authorized by

Taidip Patil
01/11/25
Taidip Patil
Name, Sign & Date
(Authorized Signatory TM / QM)

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

Page 1 of 1



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-396

Report Date: 09.12.2025

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:	26.11.2025	Sample Description:	Stack
Sampling Time:	15:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	DG Stack 1500 KVA
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-396
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	12.89		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	162		°C	
Flow/volume of flue Gases	846.2		m ³ /Hr	
Particulate Matter	36.43	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
	0.69	160	Kg/day	By calculation
Oxides of Nitrogen	36.77	--	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

Vaibhav Raut
Name, Sign & Date

Reviewed by

Jaidip Pachil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Arpte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-397

Report Date: 09.12.2025

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:	26.11.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	Boiler Stack No. 12663
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-397
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	7.33		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	130		°C	
Flow/volume of flue Gases	46580.2		m ³ /Hr	
Particulate Matter	94.91	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
	44.04	--	Kg/day	By Calculation
Oxides of Nitrogen	36.61	--	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
09/12/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
09/12/25

Taidip Patil
Name, Sign & Date
(DTM/ TM)

Authorized by

Neha S. Arte
9/12/25

Neha S. Arte
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-398

Report Date: 09.12.2025

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:	28.11.2025	Sample Description:	Stack
Sampling Time:	15:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	S-5 Ventillation Blower-(Phase 1) Blower 201
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-398
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 Ventillation Blower-(Phase 1) Blower 201	Stack Diameter (m):	0.3
Fuel used:	-	Stack Height (m):	27.0
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.0707
Platform available:	Yes	Details of APCD System:	--

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.31		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	38		°C	
Flow/volume of flue Gases	1607.2		m³/Hr	
Particulate Matter	27.56	150	mg/Nm³	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
09/12/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Tajidip Patel
09/12/25
Tajidip Patel
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
09/12/25
Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-399 Report Date: 09.12.2025

Analysis Test Report for Stack Emissions Monitoring

Table with 4 columns: Parameter, Value, Parameter, Value. Includes details like Name of the Industry, Date of Sampling, Sample Description, and Environmental Conditions.

Table with 4 columns: Parameter, Value, Parameter, Value. Stack Details including Stack Attached To, Fuel used, and Stack Diameter.

Table with 5 columns: Parameters, Results, MPCB Limits, Units, Sampling Method / Test Method. Lists parameters like Velocity of flue gases, Temperature of flue Gases, and Particulate Matter.

For Goldfinch Laboratory

Analyzed by

Signature of Vaibhav Raut

Vaibhav Raut

Name, Sign & Date

Reviewed by

Signature of Jaidip Patil

Jaidip Patil

Name, Sign & Date (DTM / TM)

Authorized by

Signature of Neha S. Artr.

Neha S. Artr.

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 retention 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.



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-400

Report Date: 09.12.2025

Analysis Test Report for Stack Emissions Monitoring

Table with 4 columns: Parameter, Value, Parameter, Value. Includes details like Name of the Industry (M/S Hikal LTD), Date of Sampling (25.11.2025), Sampling Time (14:00Hrs), Sample Description (Stack), and Environmental Conditions (Temperature 25±2°C, Humidity 30-80%).

Table with 4 columns: Parameter, Value, Parameter, Value. Stack Details including Stack Attached To (S-7 Vent Sorb Blower Plant 2), Stack Diameter (0.45m), Stack Height (25m), and Fuel used (None).

Table with 5 columns: Parameters, Results, MPCB Limits, Units, Sampling Method / Test Method. Lists parameters like Velocity of flue gases, Temperature of flue Gases, Flow/volume of flue Gases, and Particulate Matter with their respective results and units.

For Goldfinch Laboratory

Analyzed by

Signature of Vaibhav Raut, 09/12/25
Name, Sign & Date

Reviewed by

Signature of Jaidip Patil, 09/12/25
Name, Sign & Date (B/TM / TM)

Authorized by

Signature of Neha S. Apte, 9/12/25
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 retention 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.



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-401

Report Date: 09.12.2025

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:	25.11.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	S-8 Vent Blower Plant 3 BLW 605
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-401
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):	0.5
Fuel used:	-	Stack Height (m):	13.0
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.1963
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	5.88		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	36		°C	
Flow/volume of flue Gases	4155.2		m³/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

Vaibhav Raut
09/12/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Taichip Patil
09/12/25
Taichip Patil
Name, Sign & Date
(BTM / TM)

Authorized by

Nisha S. Apte
09/12/25
Nisha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-402 Report Date: 09.12.2025

Analysis Test Report for Stack Emissions Monitoring

Table with 4 columns: Parameter, Value, Parameter, Value. Includes details like Name of the Industry (M/S Hikal LTD), Date of Sampling (26.11.2025), Sample Description (Stack), and Environmental Conditions (Temperature: 25±2°C, Humidity: 30-80%).

Table with 4 columns: Parameter, Value, Parameter, Value. Stack Details including Stack Attached To (S-10 Emergency Chlorine Blower), Stack Diameter (0.85m), Stack Height (17.0m), and Fuel used (-).

Table with 5 columns: Parameters, Results, MPCB Limits, Units, Sampling Method / Test Method. Parameters include Velocity of flue gases (5.74 m/s), Temperature of flue Gases (35 °C), Flow/volume of flue Gases (11720.5 m³/Hr), and Chlorine (2.17 mg/m³).

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

For Goldfinch Laboratory

Analyzed by

Signature of Vaibhav Raut, 09/12/25
Name, Sign & Date

Reviewed by

Signature of Jaidip Patil, 09/12/25
Name, Sign & Date (DTM / TM)

Authorized by

Signature of Neha S. Arte, 9/12/25
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 retention 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.



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-403

Report Date: 09.12.2025

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:	25.11.2025	Sample Description:	Stack
Sampling Time:	12:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	S-11 Ammonia scrubber C- 1203
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-403
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

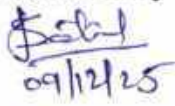
Stack Attached To:	S-11 Ammonia scrubber C- 1203	Stack Diameter (m):	0.05
Fuel used:	-	Stack Height (m):	20.0
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.002
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	6.08		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	39		°C	
Flow/volume of flue Gases	43.7		m³/Hr	
Ammonia	<7.00	50	mg/m³	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
Name, Sign & Date

Reviewed by


Taidip Patel
Name, Sign & Date
(DTM / TM)

Authorized by


Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

End of Report



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-404

Report Date: 09.12.2025

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:	28.11.2025	Sample Description:	Stack
Sampling Time:	12:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	S-12 Bag Filter Blower (BLW-601)
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 31°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-404
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 (m²):	0.078
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	10.32	150	m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	53		°C	
Flow/volume of flue Gases	2894.1		m³/Hr	
Particulate Matter	42.96	150	mg/Nm³	GPCB 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
09/12/25

Vaibhav Raut

Name, Sign & Date

Reviewed by

Taichip Patil
09/12/25

Taichip Patil

Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apt.
9/12/25

Neha S. Apt.

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

Page 1 of 1

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-405

Report Date: 09.12.2025

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:	28.11.2025	Sample Description:	Stack
Sampling Time:	14:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	S-13 Bag Filter Blower (BLW-602)
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-405
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 (m²):	0.049
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	10.41		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	55		°C	
Flow/volume of flue Gases	1840.0		m³/Hr	
Particulate Matter	82.10	150	mg/Nm³	CPCB Guidelines on Methodologies for Source Emission Monitoring
Sampling Carried out using Stack Monitoring Kit ID No. GOLDFINCH/INS-STOCK/50 Calibrated on -01.08.2025 Calibration due on -01.08.2026				

For Goldfinch Laboratory

Analyzed by

Vaibhav Raut
09/12/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Tajdeep Pathi
09/12/25
Tajdeep Pathi
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
9/12/25
Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

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

Page 1 of 1



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-406 Report Date: 09.12.2025

Analysis Test Report for Stack Emissions Monitoring

Table with 4 columns: Parameter, Value, Parameter, Value. Includes details like Name of the Industry (M/S Hikal LTD), Date of Sampling (28.11.2025), Sample Description (Stack), and Environmental Conditions (Temperature: 25±2°C, Humidity: 30-80%).

Table with 4 columns: Parameter, Value, Parameter, Value. Stack Details including Stack Attached To (S-14 Bag Filter Blower), Stack Diameter (0.25m), Stack Height (22.0m), and Details of APCD System (Scrubber).

Table with 5 columns: Parameters, Results, MPCB Limits, Units, Sampling Method / Test Method. Includes data for Velocity of flue gases, Temperature of flue Gases, Flow/volume of flue Gases, and Particulate Matter.

For Goldfinch Laboratory
Analyzed by

Signature of Vaibhav Raut
Vaibhav Raut
Name, Sign & Date

Reviewed by

Signature of Jaidip Patil
Jaidip Patil
Name, Sign & Date
(ETM / TM)

Authorized by

Signature of Neha S. Apte
Neha S. Apte
Name, Sign & Date
(Authorized Signatory TM / QM)

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QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-407

Report Date: 09.12.2025

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:	25.11.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	General common scrubber
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 33°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-407
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 (m²):	0.049
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Velocity of flue gases	7.04		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	38		°C	
Flow/volume of flue Gases	1244.3		m³/Hr	
Toluene	<0.005	--	ppm	GFL/SOP/GCMS-05
	<0.019	100	mg/Nm³	
Acetone	<0.003	--	ppm	GFL/SOP/GCMS-05
	<0.003	100	mg/Nm³	

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
09/12/25

Vaibhav Raut
Name, Sign & Date

Reviewed by

Taidip Patil
09/12/25

Taidip Patil
Name, Sign & Date
(DJM/ TM)

Authorized by

Neha S. Apte
9/12/25

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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



QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-408

Report Date: 09.12.2025

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:	26.11.2025	Sample Description:	Stack
Sampling Time:	12:30Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	Fire Pump Diesel Engine
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 33°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 755 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-408
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	9.49		m/s	CPCB Guidelines on Methodologies for Source Emission Monitoring
Temperature of flue Gases	159		°C	
Flow/volume of flue Gases	420.1		m ³ /Hr	
Particulate Matter	28.48	--	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
	0.28	--	Kg/day	By Calculations
Oxides of Nitrogen	35.64	--	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
09/12/25
Vaibhav Raut
Name, Sign & Date

Reviewed by

Daidip Patil
09/12/25
Daidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by

Neha S. Apte
09/12/25
Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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

GOLDFINCH LABORATORY

(Department of Goldfinch Engineering Systems™ Private Limited)

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MIDC (Wagle Estate), Thane (W) 400 604, Maharashtra, India.

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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

QF/LA/10-B

Report Ref. No.: GFL/AS/R/25/11-401

Report Date: 09.12.2025

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:	25.11.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	S-8 Vent Blower Plant 3 BLW 605
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 32°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-401
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):	0.5
Fuel used:	-	Stack Height (m):	13.0
Fuel consumption:	--	Shape of Stack:	Circular
Number of port holes:	1	Area of Stack (m²):	0.1963
Platform available:	Yes	Details of APCD System:	Scrubber

Parameters	Results	MPCB Limits	Units	Sampling Method / Test Method
Organic Concentrations	0.09	100	mg/Nm³	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
09/12/25

Vaibhav Raut

Name, Sign & Date

Reviewed by

Patil
09/12/25

Taidip Patil

Name, Sign & Date
(DTM / TM)

Authorized by

Apte
09/12/25

Neha S. Apte.

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

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

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QF/LA/10-B**Report Ref. No.: GFL/AS/R/25/11-407****Report Date: 09.12.2025****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:	25.11.2025	Sample Description:	Stack
Sampling Time:	11:00Hrs	Sample Collected by:	Laboratory
Sampling Plan:	QF/LA/01B- 30.10.2025	Sampling Location:	General common scrubber
Date of Receipt of Sample:	01.12.2025	Sampling Environmental Conditions:	Temp: 33°C
Date of Analysis Started:	01.12.2025		Barometer Pressure: 754 mmHg
Date of Analysis Completed:	09.12.2025	Sample Code:	GFL/AS/25/11-407
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 (m²):	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/Nm³	

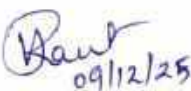
Sampling Carried out using Stack Monitoring Kit

ID No. GOLDFINCH/INS-STACK/50

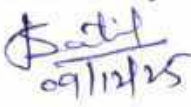
Calibrated on -01.08.2025

Calibration due on -01.08.2026

For Goldfinch Laboratory**Analyzed by**


09/12/25
Vaibhav Raut
Name, Sign & Date

Reviewed by


09/12/25
Twidip Patil
Name, Sign & Date
(DTM / TM)

Authorized by


- 9/12/25
Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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

Hikal Workplace Monitoring					
Month	Jun-25			Date :10.06.25 to 17.06.25	
Chemical	Area	TLV ppm	Standard MSDS/ACGIH/NIOSH/FA	Actual Level ppm	Remarks
O-Xylene	T807 and T4010 (Recovery)	100	ACGIH	ND	
Methanol	Storage tank T822 & T801 (During unloading)	200	ACGIH	ND	
	Storage tank T-4009 (Recovery)			ND	
	Phase 3.Cascade-1area			ND	
Triethyl amine	Raw Material- storage area.	1	ACGIH	ND	
	MPP Top floor-Tox cabin			ND	
HCL	T804 (Unloading Phase 3 -First,second floor & Hypo area	2	ACGIH	ND	
Fomaldehyde	MPP-Storage Tank T6401 (During unloading)	0.016 / 1	NIOSH / The Factory Act 1948(second schedule Sec.41F)	ND	
Toluene	Storage tank T823 (During unloading),T4012 & T4013(Recovery)	100	NIOSH & The Factory Act 1948 (second schedule Sec.41F)	ND	
Ammonia-aq. 25%	MPP-G- floor During IBC unloading	25	ACGIH	ND	
Ammonia	Storage tank T- 811.	25	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	Phase-1 ADTC reactors area 12mts.			ND	
	Phase-2. Ammonia evaporator area. 0 mt.			ND	
	Phase-3. 18% ammonia - Water mixture area 6 mts.			ND	
	Tanker unloading pad.			ND	
	Utility Area			ND	
	ETP/PTP --- 6.0mts.			ND	
Acetone	Storage tank T-802 A & B.(During unloading)	250	NIOSH	ND	
	MCA Plant 0mt.			ND	
	6mts.			ND	
	12mts.			ND	
Benzene	MPP	0.5	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	Phase-2 0mt.			ND	
	6mts.			ND	
	12mts.			ND	
	Extract benzene tank V - 504 area.			ND	
Chlorine	Storage tank T - 808 .	0.5 / 1	ACGIH / The Factory Act 1948(second schedule Sec.41F)	ND	
	Tonner unloading pad.			ND	
	Chlorine Tonner storage shed.			ND	
	Chlorine evaporator shed.			ND	
	MCA plant 12 mts.			ND	
	Hypo Reactor R670			ND	
	Emergency scrubber and AHCL area.			ND	
Aniline	Tanker unloading pad & storage tank (T806)	2	ACGIH & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Phase 3.Amidine reactor area.			ND	
CS2	Tanker unloading pad & storage tank.	10	MSDS & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Phase 1 ADTC reactor and MPP-reactor R3101			ND	
DMF	MPP 3rd Floor	10	ACGIH	ND	
	MPP 2nd Floor			ND	
	MPP 1st Floor			ND	
	MPP Tank Farm (During unloading)			ND	
	MPP Packing			ND	
Acetic Acid	T-826 -Tankfarm area.(During unloading)	10	ACGIH	ND	
Mono Benzene	Chloro T-4001,T4005 and T4006 area.	10	ACGIH	ND	
Checked By-  Verified By- 					

MSDS-Material Safety Data Sheet.

ACGIH-The American Conference of Governmental Industrial Hygienists.

NIOSH-National Institute for Occupational Safety and Health

FA-The Factory act 1948,Sec.41F

*ND-Not Detected

 Workplace Monitoring					
Month	Jul-25			Date : 10.07.25 to 17.07.25	
Chemical	Area	TLV ppm	Standard MSDS/ACGIH/NIOSH/FA	Actual Level ppm	Remarks
O-Xylene	T807 and T4010 (Recovery)	100	ACGIH	ND	
Methanol	Storage tank T822 & T801 (During unloading)	200	ACGIH	ND	
	Storage tank T-4009 (Recovery)			ND	
	Phase 3.Cascade-1area.			ND	
Triethyl amine	Raw Material storage area.	1	ACGIH	ND	
	MPP Top floor-Tox cabin			ND	
HCL	T804 (Unloading Phase 3 -First,second floor & Hypo area	2	ACGIH	ND	
Fomaldehyde	MPP-Storage Tank T6401 (During unloading)	0.016 / 1	NIOSH / The Factory Act 1948(second schedule Sec.41F)	ND	
Toluene	Storage tank T823 (During unloading),T4012 & T4013(Recovery)	100	NIOSH & The Factory Act 1948 (second schedule Sec.41F)	ND	
Ammonia-aq. 25%	MPP-G- floor During IBC unloading	25	ACGIH	ND	
Ammonia	Storage tank T- 811.	25	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	Phase-1.ADTC reactors area 12mts.			ND	
	Phase-2. Ammonia evaporator area. 0 mt			ND	
	Phase-3. 18% ammonia - Water mixture area 6 mts.			ND	
	Tanker unloading pad.			ND	
	Utility Area			ND	
	ETP/PTP --- 6.0mts.			ND	
Acetone	Storage tank T-802 A & B.(During unloading)	250	NIOSH	ND	
	MCA Plant 0mt.			ND	
	6mts.			ND	
	12mts.			ND	
Benzene	MPP	0.5	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	Phase-2 0mt.			ND	
	6mts.			ND	
	12mts.			ND	
	Extract benzene tank V - 504 area.			ND	
Chlorine	Storage tank T - 808	0.5 / 1	ACGIH / The Factory Act 1948(second schedule Sec.41F)	ND	
	Tonner unloading pad.			ND	
	Chlorine Tonner storage shed.			ND	
	Chlorine evaporator shed.			ND	
	MCA plant 12 mts.			ND	
	Hypo Reactor R670			ND	
	Emergency scrubber and AHCL area.			ND	
Aniline	Tanker unloading pad & storage tank (T806)	2	ACGIH & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Phase 3.Amidine reactor area.			ND	
CS2	Tanker unloading pad & storage tank.	10	MSDS & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Phase 1 ADTC reactor and MPP-reactor R3101			ND	
DMF	MPP 3rd Floor	10	ACGIH	ND	
	MPP 2nd Floor			ND	
	MPP 1st Floor			ND	
	MPP Tank Farm (During unloading)			ND	
	MPP Packing			ND	
Acetic Acid	T-826 -Tankfarm area (During unloading)	10	ACGIH	ND	
Mono Chloro Benzene	T-4001,T4005 and T4006 area.	10	ACGIH	ND	
Checked By-  Verified By- 					

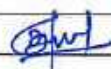
MSDS-Material Safety Data Sheet.

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NIOSH-National Institute for Occupational Safety and Health

FA-The Factory act 1948,Sec 41F

*ND-Not Detected

 Workplace Monitoring					
Month	Aug-25			Date : 10.08.25 to 15.08.25	
Chemical	Area	TLV ppm	Standard MSDS/ACGIH/NIOSH/FA	Actual Level ppm	Remarks
O-Xylene	T807 and T4010 (Recovery)	100	ACGIH	ND	
Methanol	Storage tank T822 & T801 (During unloading)	200	ACGIH	ND	
	Storage tank T-4009 (Recovery)			ND	
	Phase 3 Cascade-1 area.			ND	
Triethyl amine	Raw Material- storage area.	1	ACGIH	ND	
	MPP Top floor-Tox cabin			ND	
HCL	T804 (Unloading Phase 3 -First,second floor & Hypo area	2	ACGIH	ND	
Fomaldehyde	MPP-Storage Tank T6401 (During unloading)	0.016 / 1	NIOSH / The Factory Act 1948(second schedule Sec.41F)	ND	
Toluene	Storage tank T823 (During unloading),T4012 & T4013(Recovery)	100	NIOSH & The Factory Act 1948 (second schedule Sec.41F)	ND	
Ammonia-aq. 25%	MPP-G- floor During IBC unloading	25	ACGIH	ND	
Ammonia	Storage tank T- 811.	25	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	Phase-1.ADTC reactors area 12mts.			ND	
	Phase-2. Ammonia evaporator area. 0 mt.			ND	
	Phase-3. 18% ammonia - Water mixture area 6 mts.			ND	
	Tanker unloading pad.			ND	
	Utility Area			ND	
	ETP/PTP --- 6.0mts.			ND	
Acetone	Storage tank T-802 A & B.(During unloading)	250	NIOSH	ND	
	MCA Plant 0mt.			ND	
	6mts.			ND	
	12mts.			ND	
Benzene	MPP	0.5	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	Phase-2 0mt.			ND	
	6mts.			ND	
	12mts.			ND	
	Extract benzene tank V - 504 area.			ND	
Chlorine	Storage tank T - 806	0.5 / 1	ACGIH / The Factory Act 1948(second schedule Sec.41F)	ND	
	Tonner unloading pad.			ND	
	Chlorine Tonner storage shed.			ND	
	Chlorine evaporator shed.			ND	
	MCA plant 12 mts.			ND	
	Hypo Reactor R670			ND	
	Emergency scrubber and AHCL area.			ND	
Aniline	Tanker unloading pad & storage tank (T806)	2	ACGIH & The Factory Act 1948 (second schedule Sec.41F)	ND	
CS2	Phase 3.Amidine reactor area.	10	MSDS & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Tanker unloading pad & storage tank.			ND	
DMF	Phase 1 ADTC reactor and MPP-reactor R3101	10	ACGIH	ND	
	MPP 3rd Floor			ND	
	MPP 2nd Floor			ND	
	MPP 1st Floor			ND	
	MPP Tank Farm (During unloading)			ND	
Acetic Acid	MPP Packing	10	ACGIH	ND	
	T-826 -Tankfarm area.(During unloading)			ND	
Mono Chloro Benzene	T-4001,T4005 and T4006 area.	10	ACGIH	ND	
Checked By-  Verified By- 					

MSDS-Material Safety Data Sheet.

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*ND-Not Detected

 Workplace Monitoring					
Month	Sep-25			Date :10.09.25 to 15.09.25	
Chemical	Area	TLV ppm	Standard MSDS/ACGIH/NIOSH/FA	Actual Level ppm	Remarks
O-Xylene	T807 and T4010 (Recovery)	100	ACGIH	ND	
Methanol	Storage tank T822 & T801 (During unloading)	200	ACGIH	ND	
	Storage tank T-4009 (Recovery)			ND	
	Phase 3.Cascade-1area.			ND	
Triethyl amine	Raw Material- storage area.	1	ACGIH	ND	
	MPP Top floor-Tox cabin			ND	
HCL	T804 (Unloading Phase 3 -First,second floor & Hypo area	2	ACGIH	ND	
Fomaldehyde	MPP-Storage Tank T6401 (During unloading)	0.016 / 1	NIOSH / The Factory Act 1948(second schedule Sec.41F)	ND	
Toluene	Storage tank T823 (During unloading),T4012 & T4013(Recovery)	100	NIOSH & The Factory Act 1948 (second schedule Sec.41F)	ND	
Ammonia-aq. 25%	MPP-G- floor During IBC unloading	25	ACGIH	ND	
Ammonia	Storage tank T- 811.	25	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	Phase-1.ADTC reactors area 12mts.			ND	
	Phase-2. Ammonia evaporator area. 0 mt.			ND	
	Phase-3. 18% ammonia - Water mixture area 6 mts			ND	
	Tanker unloading pad.			ND	
	Utility Area			ND	
	ETP/PTP --- 6.0mts			ND	
Acetone	Storage tank T-802 A & B.(During unloading)	250	NIOSH	ND	
	MCA Plant 0mt.			ND	
	6mts.			ND	
	12mts.			ND	
Benzene	MPP	0.5	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	Phase-2 0mt			ND	
	6mts.			ND	
	12mts.			ND	
	Extract benzene tank V - 504 area.			ND	
Chlorine	Storage tank T - 808	0.5 / 1	ACGIH / The Factory Act 1948(second schedule Sec.41F)	ND	
	Tonner unloading pad.			ND	
	Chlorine Tonner storage shed.			ND	
	Chlorine evaporator shed.			ND	
	MCA plant 12 mts			ND	
	Hypo Reactor R670			ND	
	Emergency scrubber and AHCL area.			ND	
Aniline	Tanker unloading pad & storage tank (T806)	2	ACGIH & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Phase 3 Amidine reactor area.			ND	
CS2	Tanker unloading pad & storage tank.	10	MSDS & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Phase 1 ADTC reactor and MPP-reactor R3101			ND	
DMF	MPP 3rd Floor	10	ACGIH	ND	
	MPP 2nd Floor			ND	
	MPP 1st Floor			ND	
	MPP Tank Farm (During unloading)			ND	
	MPP Packing			ND	
Acetic Acid	T-826 -Tankfarm area.(During unloading)	10	ACGIH	ND	
Mono Benzene	Chloro T-4001,T4005 and T4006 area.	10	ACGIH	ND	
Checked By-  Verified By- 					

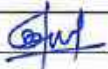
MSDS-Material Safety Data Sheet.

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 Workplace Monitoring					
Month	Oct-25			Date : 10.10.25 to 15.10.25	
Chemical	Area	TLV ppm	Standard MSDS/ACGIH/NIOSH/FA	Actual Level ppm	Remarks
O-Xylene	T807 and T4010 (Recovery)	100	ACGIH	ND	
Methanol	Storage tank T822 & T801 (During unloading)	200	ACGIH	ND	
	Storage tank T-4009 (Recovery)			ND	
	Phase 3 Cascade-1 area.			ND	
Triethyl amine	Raw Material- storage area	1	ACGIH	ND	
	MPP Top floor-Tox cabin			ND	
HCL	T804 (Unloading Phase 3 -First,second floor & Hypo area	2	ACGIH	ND	
Fomaldehyde	MPP-Storage Tank T6401 (During unloading)	0.016 / 1	NIOSH / The Factory Act 1948(second schedule Sec.41F)	ND	
Toluene	Storage tank T823 (During unloading),T4012 & T4013(Recovery)	100	NIOSH & The Factory Act 1948 (second schedule Sec.41F)	ND	
Ammonia-aq. 25%	MPP-G- floor During IBC unloading	25	ACGIH	ND	
Ammonia	Storage tank T- 811.	25	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	Phase-1 ADTC reactors area 12mts.			ND	
	Phase-2. Ammonia evaporator area. 0 mt.			ND	
	Phase-3. 18% ammonia - Water mixture area 6 mts.			ND	
	Tanker unloading pad.			ND	
	Utility Area			ND	
	ETP/PTP --- 6.0mts.			ND	
Acetone	Storage tank T-802 A & B.(During unloading)	250	NIOSH	ND	
	MCA Plant 0mt.			ND	
	6mts.			ND	
	12mts.			ND	
	MPP			ND	
Benzene	Phase-2 0mt.	0.5	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	6mts.			ND	
	12mts.			ND	
	Extract benzene tank V - 504 area.			ND	
	Storage tank T - 808 .			ND	
Chlorine	Tonner unloading pad.	0.5 / 1	ACGIH / The Factory Act 1948(second schedule Sec.41F)	ND	
	Chlorine Tonner storage shed.			ND	
	Chlorine evaporator shed.			ND	
	MCA plant 12 mts.			ND	
	Hypo Reactor R670			ND	
	Emergency scrubber and AHCL area.			ND	
				ND	
Aniline	Tanker unloading pad & storage tank (T806)	2	ACGIH & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Phase 3 Amidine reactor area.			ND	
CS2	Tanker unloading pad & storage tank.	10	MSDS & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Phase 1 ADTC reactor and MPP-reactor R3101			ND	
DMF	MPP 3rd Floor	10	ACGIH	ND	
	MPP 2nd Floor			ND	
	MPP 1st Floor			ND	
	MPP Tank Farm (During unloading)			ND	
	MPP Packing			ND	
Acetic Acid	T-826 -Tankfarm area (During unloading)	10	ACGIH	ND	
Mono Benzene	Chloro T-4001,T4005 and T4006 area.	10	ACGIH	ND	
Checked By-  Verified By- 					

MSDS-Material Safety Data Sheet.

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 Workplace Monitoring					
Month	Nov-25			Date :10.11.25 to 15.11.25	
Chemical	Area	TLV ppm	Standard	Actual	Remarks
			MSDS/ACGIH/NIOSH/FA	Level ppm	
O-Xylene	T807 and T4010 (Recovery)	100	ACGIH	ND	
Methanol	Storage tank T822 & T801 (During unloading)	200	ACGIH	ND	
	Storage tank T-4009 (Recovery)			ND	
	Phase 3.Cascade-1 area.			ND	
Triethyl amine	Raw Material- storage area.	1	ACGIH	ND	
	MPP Top floor-Tox cabin			ND	
HCL	T804 (Unloading Phase 3 -First,second floor & Hypo area	2	ACGIH	ND	
Fomaldehyde	MPP-Storage Tank T6401 (During unloading)	0.016 / 1	NIOSH / The Factory Act 1948(second schedule Sec.41F)	ND	
Toluene	Storage tank T823 (During unloading),T4012 & T4013(Recovery)	100	NIOSH & The Factory Act 1948 (second schedule Sec.41F)	ND	
Ammonia-aq. 25%	MPP-G- floor During IBC unloading	25	ACGIH	ND	
Ammonia	Storage tank T- 811	25	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	Phase-1.ADTC reactors area 12mts.			ND	
	Phase-2. Ammonia evaporator area. 0 mt.			ND	
	Phase-3. 18% ammonia - Water mixture area 6 mts.			ND	
	Tanker unloading pad.			ND	
	Utility Area			ND	
	ETP/PTP --- 6.0mts.			ND	
Acetone	Storage tank T-802 A & B.(During unloading)	250	NIOSH	ND	
	MCA Plant 0mt.			ND	
	6mts.			ND	
	12mts.			ND	
	MPP			ND	
Benzene	Phase-2 0mt.	0.5	ACGIH & The Factory Act 1948(second schedule Sec.41F)	ND	
	6mts.			ND	
	12mts.			ND	
	Extract benzene tank V - 504 area.			ND	
	Storage tank T - 808			ND	
Chlorine	Tonner unloading pad.	0.5 / 1	ACGIH / The Factory Act 1948(second schedule Sec.41F)	ND	
	Chlorine Tonner storage shed.			ND	
	Chlorine evaporator shed.			ND	
	MCA plant 12 mts.			ND	
	Hypo Reactor R670			ND	
	Emergency scrubber and AHCL area.			ND	
Aniline	Tanker unloading pad & storage tank (T806)	2	ACGIH & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Phase 3.Amidine reactor area.			ND	
CS2	Tanker unloading pad & storage tank.	10	MSDS & The Factory Act 1948 (second schedule Sec.41F)	ND	
	Phase 1 ADTC reactor and MPP-reactor R3101			ND	
DMF	MPP 3rd Floor	10	ACGIH	ND	
	MPP 2nd Floor			ND	
	MPP 1st Floor			ND	
	MPP Tank Farm (During unloading)			ND	
	MPP Packing			ND	
Acetic Acid	T-826 -Tankfarm area.(During unloading)	10	ACGIH	ND	
Mono Chloro Benzene	T-4001,T4005 and T4006 area.	10	ACGIH	ND	
Checked By-  Verified By- 					

MSDS-Material Safety Data Sheet.
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 NIOSH-National Institute for Occupational Safety and Health
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 *ND-Not Detected



TC-16166

QF/LA/09**Report Ref. No. : GFL/W/R/25/06-41****Report Date: 07.07.2025****Analysis Test Report**

Name & Address of the Client :	M/s. Hikal Limited, Plot No. T-21, MIDC Industrial Area Taloja. Dist- Raigad.		
Date of Sample Collection :	28.06.2025	Sample Description :	ETP Outlet
Date of Receipt of Sample :	30.06.2025	Sample Quantity :	2000 ml
Date of Analysis Started :	30.06.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	07.07.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.05.2025	Sampling Location :	ETP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/06/41
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	—	7.69	6.0-8.5	APHA 4500-H ⁺ B (24 th Edition)
2	Chemical Oxygen Demand (COD)	mg/l	240	<250	APHA 5220 B (24 th Edition)
3	Total Suspended Solids dried from 103 to 105 °C	mg/l	22	<100	APHA 2540 D (24 th Edition)
4	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	26	<30	IS 3025(Part 44) :2023
5	Oil & Grease	mg/l	<5	<10	APHA 5520 B (24 th Edition)
6	Phosphates as P	mg/l	0.095	<5	APHA 4500-PD 24 th Edition
7	Sulphides	mg/l	<0.06	<2	APHA 4500-S ²⁻ D (24 th Edition)
8	Phenolic Compounds	mg/l	0.26	<1	APHA 5530 D (24 th Edition)
9	Mercury	µg/l	<0.5	< 10 µg/l (<0.01 mg/l)	APHA 3120 B (24 th Edition)
10	Arsenic	ug/l	<2.0	200 ug/l (<0.2 mg/l)	APHA 3120 B (24 th Edition)

End of Report**For Goldfinch Laboratory****Analyzed By**

Priyanka 07/07/25

Name, Sign & Date

Reviewed By

Neha S. Apte.

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

Neha S. Apte.

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

Page 1 of 1



QF/LA/09

Report Ref. No. : GFL/W/R/25/07-58

Report Date: 08.08.2025

Analysis Test Report

Name & Address of the Client :	M/s. Hikal Limited, Plot No. T-21, MIDC Industrial Area Taloja. Tal. - Panvel, Dist. - Raigad		
Date of Sample Collection :	31.07.2025	Sample Description :	ETP Outlett
Date of Receipt of Sample :	31.07.2025	Sample Quantity :	2000 ml
Date of Analysis Started :	01.08.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	08.08.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.06.2025	Sampling Location :	ETP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/07/58
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	--	7.71	6.0-8.5	APHA 4500-H ⁺ B (24 th Edition)
2	Chemical Oxygen Demand (COD)	mg/l	60	<250	APHA 5220 B (24 th Edition)
3	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	14	<30	IS 3025(Part 44) :2023
4	Total Suspended Solids dried from 103 to 105 °C	mg/l	5	<100	APHA 2540 D (24 th Edition)
5	Oil & Grease	mg/l	<5	<10	APHA 5520 B (24 th Edition)
6	Phosphates as P	mg/l	0.9	<5	APHA 4500-PD 24 th Edition
7	Sulphides	mg/l	<0.06	<2	APHA 4500-S ²⁻ D (24 th Edition)
8	Phenolic Compounds	mg/l	0.1	<1	APHA 5530 D (24 th Edition)
9	Mercury	µg/l	<0.5	< 10 µg/l (<0.01 mg/l)	APHA 3120 B (24 th Edition)
10	Arsenic	µg/l	<2	200 µg/l (<0.2 mg/l)	APHA 3120 B (24 th Edition)

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

For Goldfinch Laboratory

Analyzed By

Priyanka
Priyanka 08/08/25
Name, Sign & Date

Reviewed By

Neha S. Apté
Neha S. Apté
Name, Sign & Date
(DTM / TM / QM)

Authorized By

Neha S. Apté
Neha S. Apté
Name, Sign & Date
(Authorized Signatory TM / QM)



QF/LA/09

Report Ref. No. : GFL/W/R/25/08-46

Report Date: 02.09.2025

Analysis Test Report

Name & Address of the Client :	M/s. Hikal Limited, Plot No. T-21, MIDC Industrial Area Taloja. Tal. - Panvel, Dist. - Raigad		
Date of Sample Collection :	22.08.2025	Sample Description :	ETP Outlet
Date of Receipt of Sample :	25.08.2025	Sample Quantity :	2000 ml
Date of Analysis Started :	25.08.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	01.09.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.07.2025	Sampling Location :	ETP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/08/46
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	--	7.18	6.0-8.5	APHA 4500-H ⁺ B (24 th Edition)
2	Chemical Oxygen Demand (COD)	mg/l	160	<250	APHA 5220 B (24 th Edition)
3	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	22	<30	IS 3025(Part 44) :2023
4	Total Suspended Solids dried from 103 to 105 °C	mg/l	<4	<100	APHA 2540 D (24 th Edition)
5	Oil & Grease	mg/l	<5	<10	APHA 5520 B (24 th Edition)
6	Phosphates as P	mg/l	<0.05	<5	APHA 4500-PD 24 th Edition
7	Sulphides	mg/l	<0.06	<2	APHA 4500-S ²⁻ D (24 th Edition)
8	Phenolic Compounds	mg/l	0.35	<1	APHA 5530 D (24 th Edition)
9	Mercury	µg/l	<0.5	< 10 µg/l (<0.01 mg/l)	APHA 3120 B (24 th Edition)
10	Arsenic	µg/l	<2.0	200 µg/l (<0.2 mg/l)	APHA 3120 B (24 th Edition)

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

For Goldfinch Laboratory

Analyzed By

Priyanka
Priyanka 02/09/25
Name, Sign & Date

Reviewed By

Apk
Neha S. Apk.
Name, Sign & Date
(DTM / TM / QM)

Authorized By

Apk
Neha S. Apk.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

QF/LA/09



QF/LA/09

Report Ref. No. : GFL/W/R/25/10-03

Report Date: 10.10.2025

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 :	30.09.2025	Sample Description :	ETP Outlet
Date of Receipt of Sample :	04.10.2025	Sample Quantity :	2000 ml
Date of Analysis Started :	04.10.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	10.10.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.08.2025	Sampling Location :	ETP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/10/03
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	--	7.11	6.0-8.5	APHA 4500-H ⁺ B (24 th Edition)
2	Chemical Oxygen Demand (COD)	mg/l	137	<250	APHA 5220 B (24 th Edition)
3	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	27	<30	IS 3025(Part 44) :2023
4	Total Suspended Solids dried from 103 to 105 °C	mg/l	6	<100	APHA 2540 D (24 th Edition)
5	Oil & Grease	mg/l	<5	<10	APHA 5520 B (24 th Edition)
6	Phosphate	mg/l	<0.05	<5	APHA 4500-PD 24th Edition
7	Sulphide	mg/l	<0.06	<2	APHA 4500-S ²⁻ D (24 th Edition)
8	Phenolic Compounds	mg/l	<0.06	<1	APHA 5530 D (24 th Edition)
9	Mercury	µg/l	<0.5	< 10 µg/l (<0.01 mg/l)	APHA 3120 B (24 th Edition)
10	Arsenic	µg/l	<2.0	200 µg/l (<0.2 mg/l)	APHA 3120 B (24 th Edition)

For Goldfinch Laboratory

Analyzed By

Priyanka
10/10/25
Name, Sign & Date

Reviewed By

Neha S. Arpte
10/10/25
Name, Sign & Date
(DTM / TM / QM)

Authorized By

Neha S. Arpte
10/10/25
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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



QF/LA/09

Report Ref. No. : GFL/W/R/25/10-10

Report Date: 31.10.2025

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 :	17.10.2025	Sample Description :	ETP Outlet
Date of Receipt of Sample :	18.10.2025	Sample Quantity :	3000 ml
Date of Analysis Started :	24.10.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	31.10.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.09.2025	Sampling Location :	ETP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/10/10
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	--	7.69	6.0-8.5	APHA 4500-H ⁺ B (24 th Edition)
2	Chemical Oxygen Demand (COD)	mg/l	118	<250	APHA 5220 B (24 th 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	<4	<100	APHA 2540 D (24 th Edition)
5	Oil & Grease	mg/l	<5	<10	APHA 5520 B (24 th Edition)
6	Phosphate	mg/l	<0.05	<5	APHA 4500-PD 24 th Edition
7	Sulphide	mg/l	<0.06	<2	APHA 4500-S ²⁻ D (24 th Edition)
8	Phenolic Compounds	mg/l	0.10	<1	APHA 5530 D (24 th Edition)
9	Arsenic	µg/l	<2.0	200 µg/l (<0.2 mg/l)	APHA 3120 B (24 th Edition)
10	Mercury	µg/l	<0.5	< 10 µg/l (<0.01 mg/l)	APHA 3120 B (24 th Edition)

For Goldfinch Laboratory

Analyzed By

Priyanka
Priyanka 31/10/25

Name, Sign & Date

Reviewed By

Neha S. Aptc
31/10/25
Neha S. Aptc
Name, Sign & Date
(DTM / TM /QM)

Authorized By

Neha S. Aptc
31/10/25
Neha S. Aptc.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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



QF/LA/09

Report Ref. No. : GFL/W/R/25/11-41

Report Date: 06.12.2025

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 :	28.11.2025	Sample Description :	ETP Outlet
Date of Receipt of Sample :	29.11.2025	Sample Quantity :	3000 ml
Date of Analysis Started :	29.11.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	05.12.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.10.2025	Sampling Location :	ETP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/11/41
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	--	7.85	6.0-8.5	APHA 4500-H ⁺ B (24 th Edition)
2	Chemical Oxygen Demand (COD)	mg/l	206	<250	APHA 5220 B (24 th Edition)
3	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	27	<30	IS 3025(Part 44) :2023
4	Total Suspended Solids dried from 103 to 105 °C	mg/l	<4	<100	APHA 2540 D (24 th Edition)
5	Oil & Grease	mg/l	<5	<10	APHA 5520 B (24 th Edition)
6	Phosphate	mg/l	<0.05	<5	APHA 4500-PD 24 th Edition
7	Sulfide	mg/l	<0.06	<2	APHA 4500-S ²⁻ D (24 th Edition)
8	Phenolic Compounds	mg/l	0.07	<1	APHA 5530 D (24 th Edition)
9	Arsenic	µg/l	<2.00	200 µg/l (<0.2 mg/l)	APHA 3120 B (24 th Edition)
10	Mercury	µg/l	<0.50	< 10 µg/l (<0.01 mg/l)	APHA 3120 B (24 th Edition)

For Goldfinch Laboratory

Analyzed By

Priyanka
Priyanka 06/12/25

Name, Sign & Date

Reviewed By

Neha S. Apte 6.12.25
Neha S. Apte

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

Authorized By

Neha S. Apte 6.12.25
Neha S. Apte

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

Page 1 of 1

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

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.: 91-22-2580 1546/9920093829/7208579136/8097093007

E-mail: lab@goldfinchengg.com/ Website: www.goldfinchengg.com



TC-16166

QF/LA/09

Report Ref. No. : GFL/W/R/25/06-42

Report Date: 07.07.2025

Analysis Test Report

Name & Address of the Client :	M/s. Hikal Limited, Plot No. T-21, MIDC Industrial Area Taloja. Dist- Raigad.		
Date of Sample Collection :	28.06.2025	Sample Description :	STP Outlet
Date of Receipt of Sample :	30.06.2025	Sample Quantity :	2000 ml
Date of Analysis Started :	30.06.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	07.07.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.05.2025	Sampling Location :	STP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/06/42
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	—	7.73	—	APHA 4500-H ⁺ B (24 th Edition)
2	Total Suspended Solids dried from 103 to 105 °C	mg/l	6	—	APHA 2540 D (24 th Edition)
3	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	9.3	—	IS 3025(Part 44) :2023

End of Report

For Goldfinch Laboratory

Analyzed By

Priyanka
Priyanka 07/07/25
Name, Sign & Date

Reviewed By

Neha S. Apte
Neha S. Apte.
Name, Sign & Date
(DTM / TM / QM)

Authorized By

Neha S. Apte
Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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 retention 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.: 91-22-2580 1546/9920093829/7208579136/8097093007

E-mail: lab@goldfinchengg.com/ Website: www.goldfinchengg.com



TC-16166

QF/LA/09

Report Ref. No. : GFL/W/R/25/07-59

Report Date: 08.08.2025

Analysis Test Report

Name & Address of the Client :	M/s. Hikal Limited, Plot No. T-21, MIDC Industrial Area Taloja. Tal. - Panvel, Dist. – Raigad		
Date of Sample Collection :	31.07.2025	Sample Description :	STP Outlet
Date of Receipt of Sample :	31.07.2025	Sample Quantity :	2000 ml
Date of Analysis Started :	01.08.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	08.08.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.06.2025	Sampling Location :	STP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/07/59
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	—	8.54	—	APHA 4500-H ⁺ B (24 th Edition)
2	Total Suspended Solids dried from 103 to 105 °C	mg/l	8	—	APHA 2540 D (24 th Edition)
3	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	<5	—	IS 3025(Part 44) :2023

End of Report

For Goldfinch Laboratory

Analyzed By

Priyanka

Priyanka 08/08/25

Name, Sign & Date

Reviewed By

Neha S. Apte
8/8/25

Neha S. Apte.

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

Authorized By

Neha S. Apte
8/8/25

Neha S. Apte.

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

Page 1 of 1

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 retention 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.: 91-22-2580 1546/9920093829/7208579136/8097093007

E-mail: lab@goldfinchengg.com/ Website: www.goldfinchengg.com



TC-16166

QF/LA/09

Report Ref. No. : GFL/W/R/25/08-47

Report Date: 02.09.2025

Analysis Test Report

Name & Address of the Client :	M/s. Hikal Limited, Plot No. T-21, MIDC Industrial Area Taloja. Tal. - Panvel, Dist. – Raigad		
Date of Sample Collection :	22.08.2025	Sample Description :	STP Outlet
Date of Receipt of Sample :	25.08.2025	Sample Quantity :	2000 ml
Date of Analysis Started :	25.08.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	01.09.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.07.2025	Sampling Location :	STP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/08/47
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	—	7.08	—	APHA 4500-H ⁺ B (24 th Edition)
2	Total Suspended Solids dried from 103 to 105 °C	mg/l	6.0	<50	APHA 2540 D (24 th Edition)
3	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	7.0	<30	IS 3025(Part 44) :2023

End of Report

For Goldfinch Laboratory

Analyzed By

Priyanka

Priyanka.ozlogil25

Name, Sign & Date

Reviewed By

Neha S. Apte
21/9/25

Neha S. Apte.

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

Authorized By

Neha S. Apte
21/9/25

Neha S. Apte.

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

Page 1 of 1

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 retention 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.



QF/LA/09

Report Ref. No. : GFLW/R/25/10-04

Report Date: 10.10.2025

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 :	30.09.2025	Sample Description :	STP Outlet
Date of Receipt of Sample :	04.10.2025	Sample Quantity :	2000 ml
Date of Analysis Started :	04.10.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	10.10.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.08.2025	Sampling Location :	STP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFLW/25/10/04
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	--	7.18	--	APHA 4500-H* B (24 th Edition)
2	Total Suspended Solids dried from 103 to 105 °C	mg/l	10	<50	APHA 2540 D (24 th Edition)
3	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	6.4	<30	IS 3025(Part 44) :2023

For Goldfinch Laboratory

Analyzed By

Rimse

Priganka 10/10/25
Name, Sign & Date

Reviewed By

Neha S. Apte
10/10/25

Neha S. Apte.
Name, Sign & Date
(DTM / TM /QM)

Authorized By

Neha S. Apte
10/10/25

Neha S. Apte.
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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



QF/LA/09

Report Ref. No. : GFL/W/R/25/10-11

Report Date: 31.10.2025

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 :	17.10.2025	Sample Description :	STP Outlet
Date of Receipt of Sample :	18.10.2025	Sample Quantity :	2000 ml
Date of Analysis Started :	24.10.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	31.10.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.09.2025	Sampling Location :	STP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/10/11
Environmental Condition during analysis : Temperature = $25 \pm 2^{\circ}\text{C}$ 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 (24 th Edition)
2	Total Suspended Solids dried from 103 to 105 °C	mg/l	9.3	<50	APHA 2540 D (24 th Edition)
3	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	8.0	<30	IS 3025(Part 44) :2023

For Goldfinch Laboratory

Analyzed By

P. Jeyanthan
31/10/25
Name, Sign & Date

Reviewed By

Neha S. Apte
31/10/25
Name, Sign & Date
(DTM / TM / QM)

Authorized By

Neha S. Apte
31/10/25
Name, Sign & Date
(Authorized Signatory TM / QM)

Page 1 of 1

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



QF/LA/09

Report Ref. No. : GFL/W/R/25/11-42

Report Date: 06.12.2025

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 :	28.11.2025	Sample Description :	STP Outlet
Date of Receipt of Sample :	29.11.2025	Sample Quantity :	2000 ml
Date of Analysis Started :	29.11.2025	Sample Collected by :	Laboratory
Date of Analysis Completed :	05.12.2025	Sample Container :	Plastic Carboy
Sampling Plan :	QF/LA/01-B 30.10.2025	Sampling Location :	STP Plant
Sampling Method :	APHA 1060B 24 th Edition	Sample Code :	GFL/W/25/11/42
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	--	7.70	--	APHA 4500-H ⁺ B (24 th Edition)
2	Total Suspended Solids dried from 103 to 105 °C	mg/l	<4	<50	APHA 2540 D (24 th Edition)
3	Biochemical Oxygen Demand 3 days at 27°C (BOD)	mg/l	13	<30	IS 3025(Part 44) :2023

For Goldfinch Laboratory

Analyzed By

Priyanka

Priyanka

Name, Sign & Date

Reviewed By

Neha S. Apte

Neha S. Apte

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

Authorized By

Neha S. Apte

Neha S. Apte

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

Page 1 of 1

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

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, Ghotkarnp Koyana Vele, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD, AFH)

From : 29/09/2025 To 01/10/2025

VALID TILL : 28/09/2026

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 SUSPENSION ISSUED TO WORKER	SIGNATURE OF CERTIFYING SURGEON
1	20597	RURESH.T.PATIL	Male	49	NA	NA	NA	EHS		29-Sep-25	Fit For Job	NA	NA	NA	
2	20730	KUNDAN A MHATRE	Male	39	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
3	20590	DILIP G VICHARE	Male	59	NA	NA	NA	EXCISE		29-Sep-25	Fit For Job	NA	NA	NA	
4	20936	JABBAR GHAFAR MOMIN	Male	31	NA	NA	NA	QUALITY		29-Sep-25	Fit For Job	NA	NA	NA	
5	20957	TEJAS C THAKUR	Male	24	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
6	20519	SANDEEP K RATHOD	Male	36	NA	NA	NA	STAFF		29-Sep-25	Fit For Job	NA	NA	NA	
7	20374	BARUVAN M MHATRE	Male	55	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
8	20214	ANIL D NERURKAR	Male	53	NA	NA	NA	TB2		29-Sep-25	Fit For Job	NA	NA	NA	
9	20912	MONISH S PANDEY	Male	26	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
10	20716	SOMNATH G PATIL	Male	35	NA	NA	NA	ENGINEER		29-Sep-25	Fit For Job	NA	NA	NA	
11	20413	TUSHAR BODAS	Male	44	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
12	20423	SHALENDRA SHIDORE	Male	53	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
13	20931	GANESH SAMAP	Male	33	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
14	20898	YOGESH GAIKWAD	Male	38	NA	NA	NA	PILOT PLANT		29-Sep-25	Fit For Job	NA	NA	NA	
15	20933	BALAJI SHEIKE	Male	31	NA	NA	NA	PR. ENGG		29-Sep-25	Fit For Job	NA	NA	NA	
16	20421	ASHPAK BAGWAN	Male	50	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
17	20538	RAKESH VAGRE	Male	48	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
18	20283	NILESH UPADHYE	Male	55	NA	NA	NA	PD LAB		29-Sep-25	Fit For Job	NA	NA	NA	
19	20975	YOGESH PATIL	Male	40	NA	NA	NA	UTILITY		29-Sep-25	Fit For Job	NA	NA	NA	
20	20975	SANJAY CHAVARE	Male	52	NA	NA	NA	QUALITY		29-Sep-25	Fit For Job	NA	NA	NA	
21	20944	NARENDRA BHAGAT	Male	39	NA	NA	NA	Q. A.		29-Sep-25	Fit For Job	NA	NA	NA	
22	20746	KIRAN JADHAV	Male	30	NA	NA	NA	EHS		29-Sep-25	Fit For Job	NA	NA	NA	
23	20445	AJIT V PATIL	Male	51	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
24	20394	PRASHANT PATIL	Male	53	NA	NA	NA	EXCISE		29-Sep-25	Fit For Job	NA	NA	NA	
25	20416	SHIVRAJ TAWADE	Male	55	NA	NA	NA	EHS		29-Sep-25	Fit For Job	NA	NA	NA	

DR. AMEY R. MALI
M.B.B.S. M.D. AFH
DIST 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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALL (M.B.B.S, MD, AFH)

From : 29/09/2025 To 01/10/2025

VALID TILL : 28/09/2026

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 SUSPENSION ISSUED TO WORKER	SIGNATURE OF CERTIFYING SURGEON
26	20958	PARESH MALL	Male	28	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
27	20878	PANKAJ CHAUDHARI	Male	43	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
28	20702	VINOD R KENI	Male	49	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
29	20627	SUSHANT S PATIL	Male	37	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
30	20503	ABHJIT L SURVE	Male	40	NA	NA	NA	PILOT PLANT		29-Sep-25	Fit For Job	NA	NA	NA	
31	20575	AKSHAY PARSHURAM G	Male	36	NA	NA	NA	QUALITY		29-Sep-25	Fit For Job	NA	NA	NA	
32	20973	KIRAN V DAVARE	Male	35	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
33	20584	YOGESH G VARDAM	Male	45	NA	NA	NA	QUALITY		29-Sep-25	Fit For Job	NA	NA	NA	
34	20477	NARESH KHUTALE	Male	50	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
35	20960	PRASAD C PATIL	Male	29	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
36	20946	GIRISH SARODE	Male	27	NA	NA	NA	PILOT PLANT		29-Sep-25	Fit For Job	NA	NA	NA	
37	20393	GOPALKRISHNA NAIK	Male	55	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
38	20549	SHRIKANT G PATIL	Male	42	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
39	20901	VAIBHAV C KADAM	Male	27	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
40	20721	ASHEAQ Y KHAN	Male	39	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
41	20043	DINESH P PITALE	Male	55	NA	NA	NA	QUALITY		29-Sep-25	Fit For Job	NA	NA	NA	
42	20952	YOGESH DESHEKAR	Male	29	NA	NA	NA	QC		29-Sep-25	Fit For Job	NA	NA	NA	
43	20974	SUBODH YADAV	Male	25	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
44	20634	PREMNATH MHATRE	Male	42	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
45	20615	VINIT D BHANGALE	Male	42	NA	NA	NA	QUALITY		29-Sep-25	Fit For Job	NA	NA	NA	
46	20478	SHIVAJI M NARHE	Male	41	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
47	20524	SUNIL M JANASKAR	Male	46	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
48	20897	DEEPAK GATALE	Male	37	NA	NA	NA	EHS		30-Sep-25	Fit For Job	NA	NA	NA	
49	20717	BHAGVAN SANGDE	Male	45	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
50	20424	VIVEK CHITALE	Male	50	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	

Dr. AMEY R. A. MALL
M.B.B.S. M.D. AFH
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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD, AFH)

From : 29/09/2025 To 01/10/2025
VALID TILL : 28/09/2026

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 SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
51	20918	ARUN YEDVE	Male	40	NA	NA	NA	STORES		30-Sep-25	Fit For Job	NA	NA	NA	
52	20950	RURESH PATIL	Male	38	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
53	20704	SANJAY PATKAR	Male	51	NA	NA	NA	ACCOUNTS		30-Sep-25	Fit For Job	NA	NA	NA	
54	20911	KETAN JADHAV	Male	28	NA	NA	NA	PD LAB		30-Sep-25	Fit For Job	NA	NA	NA	
55	20534	SATISH BHANDARKAR	Male	52	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
56	20705	KETAN TIKANE	Male	38	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
57	20956	MAYUR PAWAR	Male	29	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
58	20970	RAKESH LAKSARE	Male	27	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
59	20428	VIJAYANAND KALGUTKAR	Male	56	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
60	20341	KARAN SINGH RAJPUT	Male	52	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
61	20835	PREKASH AHAD	Male	45	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
62	20666	SACHIN MOKAL	Male	41	NA	NA	NA	QUALITY		30-Sep-25	Fit For Job	NA	NA	NA	
63	20720	ALAM NAIKAWADI	Male	35	NA	NA	NA	STORES		30-Sep-25	Fit For Job	NA	NA	NA	
64	20966	DATTATRAY S PATIL	Male	33	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
65	20877	SULAY CHAIKE	Male	31	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
66	20434	UMESH G RAUT	Male	41	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
67	20915	SUNIL BORSE	Male	41	NA	NA	NA	PD LAB		30-Sep-25	Fit For Job	NA	NA	NA	
68	20955	ABHIDEET SABAYE	Male	34	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
69	20513	SANDESH GARUDE	Male	36	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
70	20888	AMISH MALI	Male	27	NA	NA	NA	EHS		30-Sep-25	Fit For Job	NA	NA	NA	
71	20191	SANDEEP SOHANI	Male	53	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
72	20502	RAMESH SALVE	Male	54	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
73	20924	MACHINDRA S BHAMBARE	Male	32	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
74	20609	POPAT S PAWAR	Male	38	NA	NA	NA	QUALITY		30-Sep-25	Fit For Job	NA	NA	NA	
75	20755	MAYUR SHIRODKAR	Male	44	NA	NA	NA	QUALITY		30-Sep-25	Fit For Job	NA	NA	NA	

DR. AMEY R. MALI
M.B.B.S. M.D. AFH
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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD , AFIH)

From : 29/09/2025 To 01/10/2025

VALID TILL : 28/09/2026

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 SUSPENSION ISSUED TO WORKER	SIGNATURE OF CERTIFYING SURGEON
76	20965	VAIBHAV SHIGVAN	Male	28	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
77	20541	SANDEEP MANKAWALE	Male	54	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
78	20930	PAVAN D GHARAT	Male	25	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
79	20533	OMKAR A MANORE	Male	33	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
80	20415	PRAVIN CHAUDHARI	Male	44	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
81	20347	ASHISH PATIL	Male	49	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
82	20543	RAJIV CHAVAN	Male	51	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
83	20581	NANDKUMAR PATIL	Male	50	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
84	12508	VINAYAK HANDIGOL	Male	58	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
85	20605	VINOD MHATRE	Male	46	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
86	20618	KUNAL MAYEKAR	Male	38	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
87	20971	PRASAD MARVADE	Male	26	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
88	20491	HANUMANT SURYAWANSHI	Male	57	NA	NA	NA	EHS		30-Sep-25	Fit For Job	NA	NA	NA	
89	20947	ABDULRAZZAK PATEL	Male	28	NA	NA	NA	EHS		30-Sep-25	Fit For Job	NA	NA	NA	
90	20408	NINAD CHAVAN	Male	48	NA	NA	NA	STORES		30-Sep-25	Fit For Job	NA	NA	NA	
91	20370	SUDARSHAN JIMANDAR	Male	54	NA	NA	NA	PD LAB		30-Sep-25	Fit For Job	NA	NA	NA	
92	20910	ANIKET AMBAYANE	Male	35	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
93	20536	KRISHNA BHOSALE	Male	52	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
94	20775	MUKUND MADHAVI	Male	52	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
95	20770	DATTAGURU DICHOLKAR	Male	47	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
95	20384	VAIBHAV CHORAT	Male	50	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
97	20435	NILIN PATIL	Male	45	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
98	20565	GANESH PATIL	Male	45	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
99	20412	RAVINDRA GAWAND	Male	49	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
100	20637	AJIT THAKUR	Male	53	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	

DR. AMEY 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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD, AFH)

From : 29/09/2025 To 01/10/2025

VALID TILL : 28/09/2026

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 REMARK	IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION	CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON	IF CERTIFICATE OF UNFITNESS OR SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
101	20386	RAVINDRA SHINDE	Male	47	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
102	20348	SACHIN PATIL	Male	51	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
103	20522	TRAVEER SHAIKH	Male	37	NA	NA	NA	PILOT PLANT		30-Sep-25	Fit For Job	NA	NA	NA	
104	20837	ABHJEET JAGTAP	Male	32	NA	NA	NA	EHS		30-Sep-25	Fit For Job	NA	NA	NA	
105	20633	ANIL S GAWAND	Male	54	NA	NA	NA	STORES		01-Oct-25	Fit For Job	NA	NA	NA	
106	20622	BHINRAO D KHADDE	Male	57	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
107	20821	NILESH P MORE	Male	36	NA	NA	NA	ENGINEERING		01-Oct-25	Fit For Job	NA	NA	NA	
108	20972	MAHENDRA SHID	Male	31	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
109	20839	VIVEK V DIVEKAR	Male	32	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
110	20550	PARSHURAM PATIL	Male	54	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
111	20687	DEVENDRA PALEKAR	Male	39	NA	NA	NA	HR		01-Oct-25	Fit For Job	NA	NA	NA	
112	20570	VISHAL PATIL	Male	41	NA	NA	NA	HR		01-Oct-25	Fit For Job	NA	NA	NA	
113	20231	DEEPAK H SURVE	Male	52	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
114	20739	MANU M SHIRASANGI	Male	30	NA	NA	NA	STORES		01-Oct-25	Fit For Job	NA	NA	NA	
115	20902	SAGAR S ASGOLKAR	Male	34	NA	NA	NA	ENGINEERING		01-Oct-25	Fit For Job	NA	NA	NA	
116	20446	SANDEEVARAO PATIL	Male	58	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
117	20047	PRANOD S VENGURLEKAR	Male	58	NA	NA	NA	QUALITY		01-Oct-25	Fit For Job	NA	NA	NA	
118	20822	PRAASHANT BHOIR	Male	40	NA	NA	NA	ENGINEERING		01-Oct-25	Fit For Job	NA	NA	NA	
119	20457	MAKARAND C KHARMALE	Male	51	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
120	20176	RAVAKRIPAL DWIVEDI	Male	52	NA	NA	NA	QUALITY		01-Oct-25	Fit For Job	NA	NA	NA	
121	20212	ATUL K PATIL	Male	52	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
122	20942	HARSHAD CHIVILKAR	Male	26	NA	NA	NA	ENGINEERING		01-Oct-25	Fit For Job	NA	NA	NA	
123	20939	KISHOR B KUMBHAR	Male	29	NA	NA	NA	QUALITY		01-Oct-25	Fit For Job	NA	NA	NA	
124	20175	ARUN M GAVHANIKAR	Male	54	NA	NA	NA	QUALITY		01-Oct-25	Fit For Job	NA	NA	NA	
125	20886	ALBERT DEMELO	Male	51	NA	NA	NA	EHS		01-Oct-25	Fit For Job	NA	NA	NA	

Dr. AMEY R. A. MALI
M.B.B.S, M.D, AFH
DISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT.

FORM -07

(PRESCRIBED UNDER RULE (128) 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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect. 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD, AFH)

From : 29/09/2025 To 01/10/2025

VALID TILL : 28/09/2026

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 REMARK	IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION	CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON	IF CERTIFICATE OF UNFITNESS OR SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
126	20959	ROHAN R ANARASE	Male	24	NA	NA	NA	BUSINESS EXCELLENCE		01-Oct-25	Fit For Job	NA	NA	NA	
127	20766	ARUN K PATIL	Male	35	NA	NA	NA	QUALITY		01-Oct-25	Fit For Job	NA	NA	NA	
128	20810	TUSHAR JAWALE	Male	51	NA	NA	NA	EHS		01-Oct-25	Fit For Job	NA	NA	NA	
129	20945	SUSHIL MOHITE	Male	37	NA	NA	NA	QUALITY		01-Oct-25	Fit For Job	NA	NA	NA	
130	20125	GULABRAO GUNJAL	Male	56	NA	NA	NA	ENGINEERING		01-Oct-25	Fit For Job	NA	NA	NA	
131	20894	VIJAY KUMAR	Male	50	NA	NA	NA	ENGINEERING		01-Oct-25	Fit For Job	NA	NA	NA	
132	20949	SAHIL POTPHADE	Male	25	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
133	20867	TUSHAR PATIL	Male	28	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
134	20969	SOURAV PATIL	Male	24	NA	NA	NA	ENGINEERING		01-Oct-25	Fit For Job	NA	NA	NA	
135	20610	BHARAT PATIL	Male	51	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
136	20884	RAJINDRA HARKARA	Male	62	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	

DR. AMEY MALI
M.B.B.S, M.D, AFH
DIST. 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, Talaja, Navi Mumbai, Maharashtra 410208

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Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD, AFH)

From : 29/09/2025 To 01/10/2025

VALID TILL : 28/09/2026

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 SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	25031	SATISH D GHARAT	Male	54	NA	NA	NA	EHS		29-Sep-25	Fit For Job	NA	NA	NA	
2	25059	PANDARINATH T MHATRE	Male	54	NA	NA	NA	HR & ADMIN		29-Sep-25	Fit For Job	NA	NA	NA	
3	25013	RAJENDRA D DERE	Male	52	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
4	25022	RAJESH J SALVI	Male	56	NA	NA	NA	BOLTER		29-Sep-25	Fit For Job	NA	NA	NA	
5	25048	NILESH JOSHI	Male	48	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
6	25034	SHAHU PALANDE	Male	54	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
7	25072	SANTOSH PATIL	Male	47	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
8	25065	MACHINDRA PATIL	Male	50	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
9	25070	JAYANTA PATIL	Male	49	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
10	25024	VILAS THOMBRE	Male	51	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
11	25049	YOGESH BHOGE	Male	47	NA	NA	NA	EHS		29-Sep-25	Fit For Job	NA	NA	NA	
12	25009	PRAKASH PATIL	Male	56	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
13	25039	AVINASH HULE	Male	57	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
14	25074	DILIP S PATIL	Male	57	NA	NA	NA	PRODUCTION		29-Sep-25	Fit For Job	NA	NA	NA	
15	25028	RAJU JAIN	Male	53	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
16	25052	DIPAK MOKAL	Male	48	NA	NA	NA	ENGINEERING		29-Sep-25	Fit For Job	NA	NA	NA	
17	25069	NARAYAN PATIL	Male	57	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
18	25063	KASHINATH PATIL	Male	45	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
19	25051	SUNIL THAKUR	Male	52	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
20	25043	BHALCHANDRA VAISHAMPAYAN	Male	56	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
21	25010	CHANDRASEKHAR BHOIR	Male	55	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
22	25060	GANGADHAR KAVISHWAR	Male	44	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
23	25005	MOHAN WAYKAR	Male	54	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	
24	25066	S C PAWASHE	Male	49	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
25	25019	HANUMANT PAWAR	Male	55	NA	NA	NA	ENGINEERING		30-Sep-25	Fit For Job	NA	NA	NA	

Dr. AMEY MALI
M.B.B.S, M.D, AFH
Distt APPROVED CERTIFIED SURGEON
For RAIGAD DISTRICT.

FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III, VI, VIII, X, XI, XII, XIV, XV, XVII, XVIII & XX RULE 114)

Health Register : Hikal Limited

T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD , AFH)

From : 29/09/2025 To 01/10/2025
VALID TILL : 28/09/2026

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 SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
26	25016	HARISH BHOIR	Male	51	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
27	25073	Prakash Kadam	Male	50	NA	NA	NA	STORES		30-Sep-25	Fit For Job	NA	NA	NA	
28	25006	MANOJ MHATRE	Male	55	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
29	25054	VIKAS PARAB	Male	58	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
30	25061	SHANTARAM MHATRE	Male	50	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
31	25017	NATURAM MHATRE	Male	49	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
32	25046	ADAY KADAM	Male	53	NA	NA	NA	PRODUCTION		30-Sep-25	Fit For Job	NA	NA	NA	
33	25042	NORBERT CARDOZA	Male	58	NA	NA	NA	ENGINEERING		01-Oct-25	Fit For Job	NA	NA	NA	
34	25057	GORAKH PATIL	Male	52	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
35	25050	JAYANT MHATRE	Male	51	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
36	25067	PRAVIN KADAM	Male	47	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
37	25036	NEELKANT PACHPANDE	Male	55	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
38	25068	MAHENDRA MALI	Male	54	NA	NA	NA	EHS		01-Oct-25	Fit For Job	NA	NA	NA	
39	25062	NILESH KADAM	Male	46	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
40	25007	VINOD DESAI	Male	53	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
41	25025	PRAMOD MHATRE	Male	53	NA	NA	NA	PRODUCTION		01-Oct-25	Fit For Job	NA	NA	NA	
42	25011	SANTOSH SHIRKE	Male	48	NA	NA	NA	ENGINEERING		01-Oct-25	Fit For Job	NA	NA	NA	

DR. AMEY R. MALI
M.B.B.S. M.D. AFH
DISTRICT 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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALLI (M.B.B.S, MD , AFIH)

From : 29/09/2025 To 01/10/2025
VALID TILL : 28/09/2026

ASP ENVIRO ENGINEERS

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 REMARK	IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION	CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON	IF CERTIFICATE OF UNFITNESS OR SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	NA	JAYESH KATHAVALE	Male	25	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
2	NA	SANKET PATIL	Male	24	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
3	NA	KARAN PATIL	Male	23	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
4	NA	VAIBHAV BHOIR	Male	35	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	

Dr. AMEY R. A. AFIH
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAJGAD DISTRICT

FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III, VI, VIII, X, XI, XII, 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 employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD , AFIH)

From : 29/09/2025 To 01/10/2025
VALID TILL : 28/09/2026

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 SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	NA	SANGEETA KHAN	Female	40	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
2	NA	SAVITA RATHOD	Female	31	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
3	NA	SANTOSH MANJREKAR	Male	49	NA	NA	NA	NA		30-Sep-25	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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALL (M.B.B.S, MD , AFIH)

From : 29/09/2025 To 01/10/2025
VALID TILL : 28/09/2026

CHOUHDARY

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 REMARK	IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION	CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON	IF CERTIFICATE OF UNFITNESS OR SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	NA	MEGHANATH MHATRE	Male	55	NA	NA	NA	NA		29-Sep-25	Fit For Job	NA	NA	NA	

DR. AMEY R. N. AFIH
M.B.B.S. M.D. 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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD, AFIH)

From : 29/09/2025 To 01/10/2025
VALID TILL : 28/09/2026

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 REMARK	IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION	CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON	IF CERTIFICATE OF UNFITNESS OR SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	NA	KAPILDEV MANDAL	Male	29	NA	NA	NA	NA		29-Sep-25	Fit For Job	NA	NA	NA	
2	NA	RAMLOTAN YADAV	Male	28	NA	NA	NA	NA		29-Sep-25	Fit For Job	NA	NA	NA	
3	NA	TARANATH S	Male	49	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
4	NA	NAGENDRA PASWAN	Male	26	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
5	NA	INDAR PASWAN	Male	25	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
6	NA	SHIV KUMAR	Male	22	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
7	NA	GANESH YADAV	Male	23	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
8	NA	AJT MALIK	Male	24	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
9	NA	HOLEN KHALAPALLA	Male	45	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	
10	NA	RANJEET YADAV	Male	26	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	

DR. AMEY R. R. AFIH
M.B.B.S. M.D. AFIH
DISHA 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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD , AFIH)

From : 29/09/2025 To 01/10/2025
VALID TILL : 28/09/2026

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 REMARK	IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION	CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON	IF CERTIFICATE OF UNFITNESS OR SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	NA	KALASH PILANE	Male	45	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
2	NA	MAHESH PATIL	Male	32	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
3	NA	DHIRAJ	Male	21	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
4	NA	PRINCE GIRI	Male	21	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
5	NA	GIAS BARBHUIYA	Male	27	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
6	NA	BHAVESH PATIL	Male	20	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
7	NA	SADDAM HUSAIN	Male	30	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
8	NA	BHARAT MHATRE	Male	33	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
9	NA	KAILAS RAI	Male	28	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	
10	NA	CHHATRAPAL	Male	26	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	
11	NA	RAKESH	Male	25	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
DIST APPROVED CERTIFIED SURGEON
FOR MAHARASHTRA

FORM-07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III, VI, VIII, X, XI, XII, XIV, XV, XVII, XVIII & XX RULE 114)

Health Register : Hikal Limited

T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD , AFH)

From : 29/09/2025 To 01/10/2025
VALID TILL : 28/09/2026

EXECUTIVE

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 REMARK	IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION	CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON	IF CERTIFICATE OF UNFITNESS OR SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	20932	HITESH D BARGE	Male	40	NA	NA	NA	ACCOUNTS		29-Sep-25	Fit For Job	NA	NA	NA	
2	20245	DINESH P PORJI	Male	43	NA	NA	NA	QUALITY		29-Sep-25	Fit For Job	NA	NA	NA	

Dr. AMEY R. MALI
M.B.B.S. M.D. AFH
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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD , AFIH)

From : 29/09/2025 To 01/10/2025

VALID TILL : 28/09/2026

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 SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	NA	MD IBRAHIM KHAN	Male	50	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
2	NA	DEVENDRA YADAV	Male	50	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
3	NA	MD HASNAIN	Male	46	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
4	NA	RANDEET TIWARI	Male	42	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
5	NA	DAYASHANKAR SINGH	Male	54	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
6	NA	ASHARAM VERMA	Male	56	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
7	NA	LAXMAN JENA	Male	30	NA	NA	NA	NA		01-Oct-25	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, XII, XIV, XV, XVII, XVIII & XX RULE 114)

Health Register : Hikal Limited

T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD ,AFIH)

From : 29/09/2025 To 01/10/2025
VALID TILL : 28/09/2026

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 SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	NA	TARUN MUKHARJI	Male	46	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	

Dr. AMEY R. MALI
M.B.B.S. M.D. AFIH
DIST. 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, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD, AFIH)

From : 29/09/2025 To 01/10/2025

VALID TILL : 28/09/2026

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 SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	NA	UTTAM MANE	Male	52	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
2	NA	CHETAN MARPE	Male	32	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
3	NA	DHARMENDRA SINGH	Male	29	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
4	NA	KULDEEP NICHT	Male	36	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
5	NA	VIKAS MHATRE	Male	57	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
6	NA	PRADEEP GONDHALI	Male	32	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
7	NA	MAYUR MHATRE	Male	27	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	

DR. AMEY R. MALI
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAISAD DISTRICT,

FORM-07

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Health Register : Hikal Limited

T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD, AFH)

From : 29/09/2025 To 01/10/2025

VALID TILL : 28/09/2026

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1	NA	DEEP GAUTAM	Male	21	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
2	NA	PRADEEP GAUTAM	Male	19	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
3	NA	SANJAY MHATRE	Male	51	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
4	NA	JAYRAM MADHAVI	Male	55	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
5	NA	EKNATH DARE	Male	48	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
6	NA	VIKASH	Male	22	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
7	NA	AMAR BHADUR	Male	38	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
8	NA	SAHID H SARDAR	Male	19	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
9	NA	SAHID MOLLA	Male	18	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
10	NA	ASHRAF MOLLA	Male	35	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
11	NA	RAKIBUL LASKAR	Male	22	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
12	NA	SAHABUDDIN MOLLA	Male	33	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
13	NA	ABU HUSSAIN MANDAL	Male	50	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
14	NA	MANIRUL SEKH	Male	50	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
15	NA	RAWESH GAUTAM	Male	50	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	
16	NA	ANIL GORE	Male	37	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	
17	NA	VIDAY BAHADUR	Male	28	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	
18	NA	RATIKUL LASKAR	Male	20	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	
19	NA	NIVRUTTI KENI	Male	49	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	
20	NA	ARVIND	Male	31	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	

Dr. AMEY MALI
M.B.B.S. M.D. AFH
DISH APPROVED CERTIFIED SURGEON
FOR MAHARASHTRA

FORM-07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III, VI, VIII, X, XI, XII, XIV, XV, XVII, XVIII & XX RULE 114)

Health Register : Hikal Limited

T-21, MIDC. Ind. Area, Dist, Ghotkamp Koyana Vele, Talaja, Navi Mumbai, Maharashtra 410208

(In respect of persons employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD , AFIH)

From : 29/09/2025 To 01/10/2025
VALID TILL : 28/09/2026

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 REMARK	IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION	CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON	IF CERTIFICATE OF UNFITNESS OR SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	NA	BHALCHANDRA MHATRE	Male	39	NA	NA	NA	NA		30-Sep-25	Fit For Job	NA	NA	NA	

DR. AMEY R. MALI
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAISAD TIRUPATI

FORM -07

(PRESCRIBED UNDER RULE (18) 7 & SCHEDULES II, III, VI, VIII, X, XI, XII, 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 employed in dangerous operations under sect 87)

Certifying Surgeon : Dr. AMEY MALI (M.B.B.S, MD, AFIH)

From : 29/09/2025 To 01/10/2025

VALID TILL : 28/09/2026

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 REMARK	IF SUSPENDED FROM WORK STATE PERIOD OF SUSPENSION	CERTIFIED FIT TO RESUME DUTY ON WITH SIGN. OF CERTIFYING SURGEON	IF CERTIFICATE OF UNFITNESS OR SUSPENSION ISSUED TO WORKER	SIGNATURE WITH DATE OF CERTIFYING SURGEON
1	NA	MD. KALIM	Male	45	NA	NA	NA	NA		29-Sep-25	Fit For Job	NA	NA	NA	
2	NA	MULAYAM SONKAR	Male	27	NA	NA	NA	NA		29-Sep-25	Fit For Job	NA	NA	NA	
3	NA	DHANANJAY KUMAR	Male	28	NA	NA	NA	NA		29-Sep-25	Fit For Job	NA	NA	NA	
4	NA	MD ARMAN	Male	30	NA	NA	NA	NA		01-Oct-25	Fit For Job	NA	NA	NA	

Note : I certify that I examined the person mentioned above personally.

Date : From: 09/06/2025 TO 08/06/2026

Place : Navi Mumbai



Dr. Amey Mali

DR. AMEY R. MALI
M.B.B.S. M.D. AFIH
DISH APPROVED CERTIFIED SURGEON
FOR RAIGAD DISTRICT.