



Global Supplier to Global Brands

Galaxy Surfactants Ltd.

24.11.2025

Environment Department
Room no.217, 2nd Floor,
Mantralaya Annex,
Mumbai 400032.

Dear Sir,

Subject: Compliance report of Environment Clearance

Ref : SEIAA Letter No.: SEIAA-EC-0000000268 dated 04.05.2018

Please find attached half yearly compliance report from April,2025 to September,2025, in compliance of Condition of our Environment Clearance letter dated 04.05.2018.

Kindly acknowledge receipt of this letter with its enclosure.

Thanking you,
Cordially yours,

For Galaxy Surfactants Limited


Rajesh Khatavkar
Deputy General Manager – Conversion Process

Encl: As above

CC : 1. Maharashtra Pollution Control Board
Sub Regional Office Tarapur-I, MIDC office compound
Tarapur, Post : TAPS, Boisar (W), Tal.Dist. Palghar 401504


SUB-REGIONAL OFFICE
MAHARASHTRA POLLUTION CONTROL BOARD
TARAPUR, MIDC. COLONY, BOISAR,
TALUKA & DIST. PALGHAR, PIN 401 504.

Factory Address:
Plot No. G-59 M.I.D.C Tarapur,
Boisar, Tal. & Dist. Palghar,
Pin : 401 506, Maharashtra.
Ph : +91 - 8956915976
+91- 8956915978
+91- 7767811383

Regd. Office:
C-49/2, TTC Industrial Area, Pawne,
Navi Mumbai - 400 703, India.
CIN No. L39877MH1986PLC039877
Ph : +91-22-65134444 / 27616666
Fax : +91-22-27615883 / 27615886
E-mail : galaxy@galaxysurfactants.com
Website : www.galaxysurfactants.com

SIX MONTHLY COMPLIANCE REPORT
PART I: DATA SHEET
(Period: April,2025 – September,2025)

Project : Galaxy Surfactants Ltd., Project of Manufacturing of Surfactants and Specialty Chemicals at Plot No. G-59, Tarapur MIDC, Taluka Palghar

Reference: Environment clearance vide letter no.SEIAA-EC-0000000268 dated 04.05.2018.

Sr.No.	Particulars	Reply/Compliance
1	Project Type: River-valley/Mining/Industry/Thermal/Nuclear/other (specify)	Industry
2	Name of the project	Expansion project
3	Clearance Letter(S)/OM No. and date	Environment clearance vide letter no.SEIAA-EC-0000000268 dated 04.05.2018
4	Location	
	a. District(s)	Palghar
	b. State(s)	Maharashtra
	c. Latitude/Longitude	Latitude 19.7913 & Longitude 72.7363
5	Address for correspondence	
	a. Address of the Concerned Project Chief Engineer (With Pin Code & Telephone/Telex/Fax Numbers)	Shri Vardhan Nuwal Plot No.V-23, MIDC & Plot No.1, CIDCO, Taloja MIDC Area, Tal. Panvel, Dist. Raigad, Maharashtra 410208. M.No.7700915445 Office Tel.No.91-22-39215300
6	Salient Features	
	a. of the project	Expansion for new products
	b. of the environmental management plans	ZLD ETP with Primary, Secondary & Tertiary treatment with RO & MEE & ATFD
7	Breakup of the project area	
	a. Other	1. Amenity Block - 388.22 SQ.M. 2. Dock Leveler - 24.62 SQ.M. 3. Drum Shed - 162.45 SQ.M. 4. Drum Yard & Scrap Yard - 100.00 SQ.M. 5. ETP - 1109.01 SQ.M. 6. FO Tank - 47.50 SQ.M. 7. Plant Building - 5842.46 SQ.M. 8. Pump Room - 66.31 SQ.M. 9. Unloading Shed - 163.16 SQ.M.

		10. Utility Building - 716.78 SQ.M. Total Proposed Area – 8620.51 SQ.M.
8	Breakup of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only Both dwelling units & agricultural land and landless labourers/artisans. a. SC, ST / Adivasis b. Others	N.A. as expansion is within the MIDC allotted plot.
9	Financial Details	
	a. Project cost as originally planned and subsequent revised estimates and the year of price reference	Rs.105.00 Crores
	b. Allocation made for environmental management plans with item wise and year wise break up.	Company has spent Rs.10,97,43,579/- towards procurement & installation of all the ETP, MEE+ATFD, RO, Sludge Dryer, Chimney, and scrubber system as on 30.09.2025. (ETP asset capitalized + phase 2 ETP CWIP)
	c. Benefit cost ratio / Internal Rate of Return and the year of assessment	New Project
	d. Whether c. includes the cost of environmental management as shown in the above	New Project
	b) Actual expenditure incurred on the project so far	Rs 103.00 Crores as on 30.09.2025.
	c) Actual expenditure incurred on the environmental management plans so far	Rs.10,97,43,579/- as on 30.09.2025
10	Forest land requirement	
	a. The status of approval for diversion of forest land for non-forestry use	N.A.
	b. The status of clearing felling	N.A.
	c. The status of compensatory afforestation, if any	N.A.
11	The status of clear felling in non-forest areas (such as submergence area or reservoir, approach roads), if any with quantitative information required.	N.A.
12	Status of construction (Actual &/or Planned)	
	a. Date of commencement (Actual &/or Planned)	15.01.2019
	b. Date of Completion (Actual &/or Planned)	31.03.2022
13	Reason for the delay if the project is yet to start	Project under construction
14	Date of site visits	

	a. The dates on which the project was monitored by the Regional Office on the previous occasions, if any.	Project was visited and monitored by the Field Officer, MPCB, Tarapur-I on 19.04.2022.
	b. Date of site visit for this monitoring report	N.A.
15	Details of correspondence with project authorities for obtaining action plans/information on status of compliance to safeguards other than the routine letters for logistic support for site visits).	-----

For Galaxy Surfactants Limited



Rajesh Khatavkar

Deputy General Manager – Conversion Process

COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE
(Period: April 2025 – September 2025)

Project : Galaxy Surfactants Ltd., Project of Manufacturing of Surfactants and Specialty Chemicals at Plot No.G-59, Tarapur MIDC, Taluka Palghar

Reference: Environment clearance vide letter no. SEIAA-EC-0000000268 dated 04.05.2018.

Products :

Sr. No.	Name of the product	Production QTY. (MT/Month)
1	Fatty Alcohol Sulphate/Sulfosuccinate (powder/needles)- on 100% basis	100
2	Fatty Alcohol Sulphate(Colour Needles)- on 100% basis	200
3	Fatty Alcohol Sulphate (Liquid)- on 100% basis	48
4	Active preparations including anionic, cationic, amphoteric, non ionic surfactants such as fatty alcohol sulphates/Quaternary ammonium compounds/alkanol amides/Glycinates/Amineoxides/betaines/Quarternary ammonium compounds and surfactant blends	2083
5	Speciality chemicals such as polymeric conditioners, polyquats, preservatives, fatty acid esters	416
6	Sunscreens	625
7	Rec-Acetic Acid (on 100% basis)	70
8	Rec. Methanol	15
9	HCl Solution (Approx.30%)	175
10	Sodium bisulfite solution/Sodium bisulfate/Sodium sulphite (Approx 30%)	250
11	Sodium Chloride (on 100% basis)	25

Status of compliance of the Conditions stipulated in our Environment Clearance dated 04.05.2018.

Sr.No.	Conditions	Compliance Status
I	The Environment Clearance is issued subject to condition that PP to achieve Zero Liquid Discharge; PP shall ensure that there is no increase in the effluent load to CETP.	1. Being "ZLD", entire effluent is recycled and reused. No trade effluent has been discharged, the company has disconnected the MIDC Line which carries the Effluent to CETP 2. We will abide by the above-referred EC conditions.
II	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	No additional land has been acquired
III	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	We have separate SHE department to take care of health and safety of the people working in the unit. We conduct monthly meeting monitoring health and safety of the people. Half yearly health checkup of workers is being carried out on regular basis and the records are maintained as per Factories Act. Half yearly Health checkup completed in the month October 2025. Next Health checkup is due in April 2026.
IV	Proper Housekeeping programmers shall be implemented.	We are maintaining proper housekeeping within premises.
V	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of the operation and shall not be restarted until the desired efficiency has been achieve.	In case of failure of pollution control Equipment, the complete unit is being shut down and resumed only after the said equipment is rectified. We assure that the same practice will be followed in future also.
VI	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollution from DG Set (If applicable).	Existing :- Complied Expansion:- Complied
VII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	we have completed the requirement of Rainwater harvesting as commented on in the EC.
VIII	Arrangement shall be made that effluent and storm water does not get mixed.	Separate arrangements are made for effluent and storm water.
IX	Periodic Monitoring of ground water shall be undertaken, and results analyzed to ascertain any change in the quality of water. Results shall	The project is a Zero Liquid Discharge (ZLD) Unit. Entire effluent is reused by recycling through ETP with Primary,

	be regularly submitted to the Maharashtra Pollution Control Board.	Secondary & Tertiary treatment with RO & MEE & ATFD. We will not use ground water in our process.
X	Noise Level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	Noise level maintained as per standards. The operating personnel use protective equipment like earmuff and earplug.
XI	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules 1989.	The overall noise levels in and around the plant kept well within the standards. Proper noise barriers, acoustic enclosures are provided on noise generating equipment like DG Set, blowers etc. to minimize noise.
XII	Green belt shall be developed and maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Dept.	Total 630 numbers of trees and shrubs are planted around the plant periphery. We will keep you updated about the further additional tree plantation through subsequent reports.
XIII	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.	Adequate safety measures taken within plant boundary. Leak detection devices installed at strategic places.
XIV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	We have separate SHE department to take care of health and safety of the people working in the unit. We conduct monthly meeting monitoring health and safety of the people. Half yearly health checkup of workers are done on regular basis and the records are maintained as per Factories Act. Half yearly Health checkup completed in the month October 2025. Next Health checkup is due in April 2026.
XV	The Company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	Fire prevention and life safety measures are installed in the premises. Jumpers and sprinklers installed.-Complied.
XVI	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from MPCB shall be obtained for collections / treatment / storage / disposal of hazardous waste.	We have complied with the rules and regulations with regard to handling and disposal of Hazardous Waste in accordance with the rules. MPCB has authorized us for disposal of Hazardous Waste to authorized vendors. We have obtained membership of Mumbai Waste Management Limited (MWML)

		We maintain the record for hazardous waste generation & disposal in Form 3 and submit the Annual return in Form 4 to MPCB.
XVII	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.	On-site emergency management plan prepared. Regular mock drills are carried out.
XVIII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Environment management cell is set up.
XIX	Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should reported to the MPCB and this department.	We have budgeted separate funds for environment protection measures. We have utilized Rs.10,97,43,579/- towards procurement of all the ETP and scrubber system as on 30.09.2024.
XX	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at website at http://ec.maharashtra.gov.in .	Complied.
XXI	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard and soft copies to the MPCB and this department on 1 st June and 1 st December of each calendar year.	Half yearly Reports are submitted.
XXII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Noted and will be complied whenever suggestions are received. EC copy published on website of the Company.
XXIII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional	Status of compliance of the stipulated EC conditions, including results of monitored data is being uploaded on our website on regular basis.

	Office of MoEF, the respective zonal office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	The Criteria Pollutant Levels are displayed on the main gate of the Company. Please refer enclosed Annexure A for latest Stack Emission reports.
XXIV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC Conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Half yearly Reports are submitted.
XXV	The environmental statement for each financial year ending 31 st March in Form – V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the Company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by email.	Environment statement for the year 2024-2025 submitted online with the MPCB website on 22.9.2025. Copy of Environment statement will be displayed on the Company website along with status of EC Conditions and will also be sent to Regional Officers of MoEF by email.

For Galaxy Surfactants Limited

Rajesh Khataavkar

Deputy General Manager – Conversion Process



Sadekar Enviro Engineers Private Limited

Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Waghe Industrial Area, Thane - 400 604, Maharashtra State, India.
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TEST REPORT

Report No.: AR250925003

Report Date: 07-Oct-2025

ULR No.: TC1220725000003814F



TC-12207

Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	25-Sep-2025	25-Sep-2025	06-Sep-2025

Sample Description :

Sample Name : Near Main Gate ✓
Test specification : National Ambient Air Quality Standards (NAAQS) limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 24-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-32
Location of H.V.S. : Near Main gate
Lateral Distance : 1.0 Meter From Main gate
Receptor Distance : 1.5 Meters from Ground Level
Ambient Temperature (OC) : 27
Humidity (%) : 70
Wind Speed (km/hr) : 8
Wind Direction (deg0) : NW 256
Instruments Used : R.D.S.(APM- 460), F.P.S.(APM – 550), G.P.S.(APM – 411) & Benzene Sampler (GTI-177)
Environmental Conditions at lab : 25.1
Temp (°C)
Environmental Conditions at lab : 50
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution						
1	PM10	µg/m3	1	100	✓ 53.03	IS 5182 (Part 23) 2006 RA: 2022
2	PM2.5	µg/m3	1.0	60	✓ 25.12	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulfur dioxide (SO2)	µg/m3	3.0	80	✓ 15.04	IS 5182 (Part 2/Sec 1): 2023

Reviewed By

YOGITA JOSHI
DEPUTY TECHNICAL MANAGER
(CHEMICAL)

SEEPL/QF/7.8/01

Page 1 Of 2



Authorised By

TRUPTI MAYEKAR
TECHNICAL MANAGER
(CHEMICAL)

HIGH COD/TDS FACILITY : Plot No. E-133 & P-196, Tarapur MIDC, Boisar, Dist. Palghar - 401506. ☎ : 8591159165 / 7304633868
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TEST REPORT



Report No.: AR250925003

Report Date: 07-Oct-2025

ULR No.: TC1220725000003814F

TC-12207

Discipline : Chemical | Main Group : Atmospheric pollution

4	Nitrogen dioxide (NO ₂)	µg/m ³	6.0	80	✓ 18.01	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone	µg/m ³	1.0	180	✓ 11.34	IS 5182 (Part 9): 1974 RA: 2024
6	Carbon Monoxide (CO)	mg/m ³	0.045	4.0	✓ 0.74	IS 5182 (Part 10): 1999 RA: 2024
7	Lead (Pb)	µg/m ³	1.0	1.0	✓ BLQ	USEPA compendium method IO 3.5: 2012
8	Nickel (Ni)	ng/m ³	5.0	20	✓ BLQ	USEPA compendium method IO 3.5: 2012
9	Arsenic (As)	ng/m ³	5.0	6.0	✓ BLQ	USEPA compendium method IO 3.5: 2012
10	Benzene	µg/m ³	4.0	5.0	✓ BLQ	IS 5182 (Part 11): 2006 RA: 2022
11	Benzopyrene (BaP)	ng/m ³	1.0	1.0	✓ BLQ	IS 5182 (Part 12): 2004 RA: 2024
12	Ammonia (NH ₃)	µg/m ³	20	400	✓ BLQ	CPCB guidelines for measurement of ambient air pollutants volume-1:2011

BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

Prati

- Note : 1) The above results relate only to the item tested & the condition prevailing at the time of sampling
 2) PM10-Particulate Matter of size < 10 µm, PM2.5 - Particulate Matter of size < 2.5 µm
 3) This certificate may not be reproduced without the permission of this Laboratory.
 4) SEETL: Sadekar Enviro Engineers Testing Lab
 5) This report is system generated.



Scope

***** End Of Report *****



Report

Reviewed By

Yogita Joshi

YOGITA JOSHI
DEPUTY TECHNICAL MANAGER
(CHEMICAL)

SEEPL/QF/7.8/01

Page 2 Of 2

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Trupti Mayekar

TRUPTI MAYEKAR
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TEST REPORT

Report No.: AR250925004

Report Date: 07-Oct-2025

ULR No.: TC1220725000003815F



TC-12207

Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	25-Sep-2025	25-Sep-2025	06-Sep-2025

Sample Description :

Sample Name : Near Nebula Gate ✓
Test specification : National Ambient Air Quality Standards (NAAQS) limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 24-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-32
Location of H.V.S. : Near Nebula Gate
Lateral Distance : 1.0 Meter From Nebula gate
Receptor Distance : 1.5 Meters from Ground Level
Ambient Temperature (0C) : 27.1
Humidity (%) : 69
Wind Speed (km/hr) : 8
Wind Direction (deg0) : NW 257
Instruments Used : R.D.S.(APM- 460), F.P.S.(APM – 550), G.P.S.(APM – 411) & Benzene Sampler (GTI-177)
Environmental Conditions at lab : : 25.1
Temp (°C)
Environmental Conditions at lab : : 50
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution						
1	PM10	µg/m3	1.0	100	50.06 ✓	IS 5182 (Part 23) 2006 RA: 2022
2	PM2.5	µg/m3	1.0	60	23.04 ✓	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulfur dioxide (SO2)	µg/m3	3.0	80	14.02 ✓	IS 5182 (Part 2/Sec 1): 2023

Reviewed By

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(CHEMICAL)

SEEPL/QF/7.8/01

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TEST REPORT

Report No.: AR250925004

Report Date: 07-Oct-2025

ULR No.: TC1220725000003815F



Discipline : Chemical | Main Group : Atmospheric pollution

4	Nitrogen dioxide (NO ₂)	µg/m ³	6.0	80	16.34 ✓	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone	µg/m ³	1.0	180	11.01 ✓	IS 5182 (Part 9): 1974 RA: 2024
6	Carbon Monoxide (CO)	mg/m ³	0.045	4.0	0.68 ✓	IS 5182 (Part 10): 1999 RA: 2024
7	Lead (Pb)	µg/m ³	1.0	1.0	BLQ ✓	USEPA compendium method IO 3.5: 2012
8	Nickel (Ni)	ng/m ³	5.0	20	BLQ ✓	USEPA compendium method IO 3.5: 2012
9	Arsenic (As)	ng/m ³	5.0	6.0	BLQ ✓	USEPA compendium method IO 3.5: 2012
10	Benzene	µg/m ³	4.0	5.0	BLQ ✓	IS 5182 (Part 11): 2006 RA: 2022
11	Benzopyrene (BaP)	ng/m ³	1.0	1.0	BLQ ✓	IS 5182 (Part 12): 2004 RA: 2024
12	Ammonia (NH ₃)	µg/m ³	20	400	BLQ ✓	CPCB guidelines for measurement of ambient air pollutants volume-I:2011

BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

Note : 1) The above results relate only to the item tested & the condition prevailing at the time of sampling

2) PM₁₀-Particulate Matter of size < 10 µm, PM_{2.5} - Particulate Matter of size < 2.5 µm

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4) SEETL: Sadekar Enviro Engineers Testing Lab

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TEST REPORT

Report No.: AR250925005

Report Date: 07-Oct-2025

ULR No.: TC1220725000003816F



Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	25-Sep-2025	25-Sep-2025	06-Sep-2025

Sample Description :

Sample Name : Near ETP Area ✓
Test specification : National Ambient Air Quality Standards (NAAQS) limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 24-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-32
Location of H.V.S. : Near ETP Area
Lateral Distance : 1.0 Meter From ETP Area
Receptor Distance : 1.5 Meters from Ground Level
Ambient Temperature (OC) : 27.2
Humidity (%) : 68
Wind Speed (km/hr) : 8
Wind Direction (deg0) : NW 256
Instruments Used : R.D.S.(APM- 460), F.P.S.(APM – 550), G.P.S.(APM – 411) & Benzene Sampler (GTI-177)
Environmental Conditions at lab : 25.1
Temp (°C)
Environmental Conditions at lab : 50
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution						
1	PM10	µg/m3	1.0	100	60.10 ✓	IS 5182 (Part 23) 2006 RA: 2022
2	PM2.5	µg/m3	1.0	60	29.11 ✓	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
3	Sulfur dioxide (SO2)	µg/m3	3.0	80	16.23 ✓	IS 5182 (Part 2/Sec 1): 2023

Reviewed By

Yogita Joshi

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(CHEMICAL)

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Discipline : Chemical | Main Group : Atmospheric pollution

4	Nitrogen dioxide (NO ₂)	µg/m ³	6.0	80	20.15 ✓	IS 5182 (Part 6): 2006 RA: 2022
5	Ozone	µg/m ³	1.0	180	12.26 ✓	IS 5182 (Part 9): 1974 RA: 2024
6	Carbon Monoxide (CO)	mg/m ³	0.045	4.0	0.86 ✓	IS 5182 (Part 10): 1999 RA: 2024
7	Lead (Pb)	µg/m ³	1.0	1.0	BLQ ✓	USEPA compendium method IO 3.5: 2012
8	Nickel (Ni)	ng/m ³	5.0	20	BLQ ✓	USEPA compendium method IO 3.5: 2012
9	Arsenic (As)	ng/m ³	5.0	6.0	BLQ ✓	USEPA compendium method IO 3.5: 2012
10	Benzene	µg/m ³	4.0	5.0	BLQ ✓	IS 5182 (Part 11): 2006 RA: 2022
11	Benzopyrene (BaP)	ng/m ³	1.0	1.0	BLQ ✓	IS 5182 (Part 12): 2004 RA: 2024
12	Ammonia (NH ₃)	µg/m ³	20	400	BLQ ✓	CPCB guidelines for measurement of ambient air pollutants volume-I:2011

BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

- Note : 1) The above results relate only to the item tested & the condition prevailing at the time of sampling
2) PM10-Particulate Matter of size < 10 µm, PM2.5 - Particulate Matter of size < 2.5 µm
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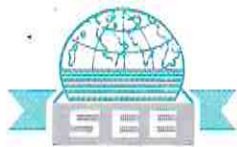
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TEST REPORT

Report No.: ST250926021

Report Date: 07-Oct-2025

ULR No.: TC1220725000003797F



TC-12207

Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	29-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-1 Thermic Fluid Heater ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20
Attached To : S-1 Thermic Fluid Heater
Shape : Round
Diameter (mm) : 450
Height from Ground Level (Mtr) : 25
Temperature (OC) : 156
Velocity of Flue Gases (m/sec) : 8.11
Volume of Flue Gases (m3/hour) : 4643.50
Volume of Flue Gases (Nm3/hour) : 3204.71
Type of Fuel : Natural Gas
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Result	Test Method	
Discipline : Chemical Main Group : Atmospheric pollution						
1	Sulfur dioxide (SO2)	mg/Nm3	3.0	5.42 ✓	IS 11255 (Part 2) : 1985 RA: 2024	
2	Sulfur dioxide (SO2)	kg/day	0.1	0.48 ✓	IS 11255 (Part 2) : 1985 RA: 2024	
3	Nitrogen dioxide (NO2)	mg/Nm3	2.0	5.35 ✓	IS 11255 (Part 7):2005 RA: 2022	
Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method

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Report No.: ST250926021

Report Date: 07-Oct-2025

ULR No.: TC1220725000003797F



Discipline : Chemical | Main Group : Atmospheric pollution

4	TPM	mg/Nm ³	10	50	✓ BLQ	IS 11255 (Part 1) : 1985 RA: 2024
5	Nitrogen dioxide (NO ₂)	ppm	1.0	50	✓ 2.84	IS 11255 (Part 7):2005 RA: 2022

BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

Note : 1) The above results relate only to the condition prevailing at the time of sampling.

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TEST REPORT

Report No.: ST250926022

Report Date: 07-Oct-2025

ULR No.: TC1220725000003798F



Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	29-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-2 Boiler 3 TPH ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20
Attached To : Boiler
Shape : Round
Diameter (mm) : 1200
Height from Ground Level (Mtr) : 39
Temperature (0C) : 147
Velocity of Flue Gases (m/sec) : 8.67
Volume of Flue Gases (m3/hour) : 35290.13
Volume of Flue Gases (Nm3/hour) : 24786.63
Type of Fuel : PNG
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Result	Test Method	
Discipline : Chemical Main Group : Atmospheric pollution						
1	Sulfur dioxide (SO2)	mg/Nm3	3.0	BLQ ✓	IS 11255 (Part 2) : 1985 RA: 2024	
2	Sulfur dioxide (SO2)	kg/day	0.1	1.68 ✓	IS 11255 (Part 2) : 1985 RA: 2024	
3	Nitrogen dioxide (NO2)	mg/Nm3	2.0	8.55 ✓	IS 11255 (Part 7):2005 RA: 2022	
Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method

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TEST REPORT

Report No.: ST250926022

Report Date: 07-Oct-2025

ULR No.: TC1220725000003798F



Discipline : Chemical | Main Group : Atmospheric pollution

4	TPM	mg/Nm ³	10	50	✓ BLQ	IS 11255 (Part 1) : 1985 RA: 2024
5	Nitrogen dioxide (NO ₂)	ppm	1.0	50	✓ 4.55	IS 11255 (Part 7):2005 RA: 2022

BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

1/2/25

Note : 1) The above results relate only to the condition prevailing at the time of sampling.

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TEST REPORT



Report No.: ST250926023

Report Date: 07-Oct-2025

ULR No.: TC1220725000003799F

Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	29-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-2 Thermopack ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20
Attached To : S-2 Thermopack
Shape : Round
Diameter (mm) : 1200
Height from Ground Level (Mtr) : 39
Temperature (OC) : 136
Velocity of Flue Gases (m/sec) : 7.71
Volume of Flue Gases (m3/hour) : 31388.65
Volume of Flue Gases (Nm3/hour) : 22722.14
Type of Fuel : PNG
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Result	Test Method	
Discipline : Chemical Main Group : Atmospheric pollution						
1	Sulfur dioxide (SO2)	mg/Nm3	3.0	BLQ ✓	IS 11255 (Part 2) : 1985 RA: 2024	
2	Sulfur dioxide (SO2)	kg/day	0.1	0.48 ✓	IS 11255 (Part 2) : 1985 RA: 2024	
3	Nitrogen dioxide (NO2)	mg/Nm3	2.0	10.69 ✓	IS 11255 (Part 7):2005 RA: 2022	
Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method

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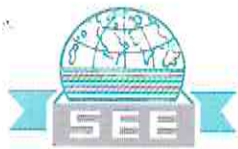


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Report No.: ST250926023
Report Date: 07-Oct-2025
ULR No.: TC1220725000003799F

TEST REPORT



Discipline : Chemical | Main Group : Atmospheric pollution

4	TPM	mg/Nm ³	10	50 ✓	✓ BLQ	IS 11255 (Part 1) : 1985 RA: 2024
5	Nitrogen dioxide (NO ₂)	ppm	1.0	50 ,	✓ 5.68	IS 11255 (Part 7):2005 RA: 2022

BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

Prati

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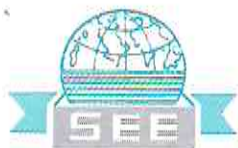
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TEST REPORT



Report No.: ST250926024

Report Date: 07-Oct-2025

ULR No.: TC1220725000003800F

Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	29-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-3 DG Set 1010 KVA ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20
Attached To : S-3 DG Set 1010 KVA
Shape : Round
Diameter (mm) : 200
Height from Ground Level (Mtr) : 8
Temperature (OC) : 169
Velocity of Flue Gases (m/sec) : 8.03
Volume of Flue Gases (m3/hour) : 908.72
Volume of Flue Gases (Nm3/hour) : 607.58
Type of Fuel : HSD
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Result	Test Method	
Discipline : Chemical Main Group : Atmospheric pollution						
1	Sulfur dioxide (SO2)	mg/Nm3	3.0	97.63 ✓	IS 11255 (Part 2) : 1985 RA: 2024	
2	Nitrogen dioxide (NO2)	mg/Nm3	2.0	9.62 ✓	IS 11255 (Part 7):2005 RA: 2022	
3	Nitrogen dioxide (NO2)	ppm	1.0	5.11 ✓	IS 11255 (Part 7):2005 RA: 2022	
Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method

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Report No.: ST250926024
Report Date: 07-Oct-2025
ULR No.: TC1220725000003800F

TEST REPORT



Discipline : Chemical | Main Group : Atmospheric pollution

4	TPM	mg/Nm ³	10	50	✓ 40.17	IS 11255 (Part 1) : 1985 RA: 2024
5	Sulfur dioxide (SO ₂)	kg/day	0.1	6.81	✓ 1.44	IS 11255 (Part 2) : 1985 RA: 2024

BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

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TEST REPORT



Report No.: ST250926025

Report Date: 07-Oct-2025

ULR No.: TC1220725000003801F

Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	29-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-4 Chlorination Reactor Vent Scrubber ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20
Attached To : S-4 Chlorination Reactor Vent Scrubber
Shape : Round
Diameter (mm) : 0.15
Height from Ground Level (Mtr) : 12
Temperature (OC) : 36
Velocity of Flue Gases (m/sec) : 4.28
Volume of Flue Gases (m3/hour) : 2.72
Volume of Flue Gases (Nm3/hour) : 2.62
Type of Fuel : Electricity
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution						
1	Acid mist (HCl)	mg/m3	5.0	35	✓ 9.00	Lab SOP No. SEETL/LD/SOP/AA-31

BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

Prati

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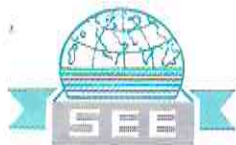
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Report No.: ST250926025
Report Date: 07-Oct-2025
ULR No.: TC1220725000003801F

TEST REPORT



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TEST REPORT



Report No.: ST250926026

Report Date: 07-Oct-2025

ULR No.: TC1220725000003802F

Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	29-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-5 Spray Dryer Plant Vent ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20
Attached To : S-5 Spray Dryer Plant Vent
Shape : Round
Diameter (mm) : 520
Height from Ground Level (Mtr) : 25
Temperature (0C) : 95
Velocity of Flue Gases (m/sec) : 5.40
Volume of Flue Gases (m3/hour) : 4128.41
Volume of Flue Gases (Nm3/hour) : 3321.81
Type of Fuel : Electricity
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Result	Test Method	
Discipline : Chemical Main Group : Atmospheric pollution						
1	Sulfur dioxide (SO2)	mg/Nm3	3.0	8.14 ✓	IS 11255 (Part 2) : 1985 RA: 2024	
2	Sulfur dioxide (SO2)	kg/day	0.1	0.72 ✓	IS 11255 (Part 2) : 1985 RA: 2024	
3	Nitrogen dioxide (NO2)	mg/Nm3	2.0	4.28 ✓	IS 11255 (Part 7):2005 RA: 2022	
4	Nitrogen dioxide (NO2)	ppm	1.0	2.28 ✓	IS 11255 (Part 7):2005 RA: 2022	
Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method

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Report No.: ST250926026
Report Date: 07-Oct-2025
ULR No.: TC1220725000003802F

TEST REPORT



Discipline : Chemical | Main Group : Atmospheric pollution

5	TPM	mg/Nm ³	10	50	✓ BLQ	IS 11255 (Part 1) : 1985 RA: 2024
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BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

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TEST REPORT

Report No.: ST250926027

Report Date: 07-Oct-2025

ULR No.: TC1220725000003803F



TC-12207

Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	29-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-6 SDP Packing Section Dust Exhaust (TFH/SDP) ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20 to 23 & AA-30
Attached To : SDP Plant Blower
Shape : Round
Diameter (mm) : 150
Height from Ground Level (Mtr) : 15
Temperature (OC) : 59
Velocity of Flue Gases (m/sec) : 4.75
Type of Fuel : Electricity
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution					
1	Sulfur dioxide (SO2)	mg/Nm3	3.0	8.14 ✓	IS 11255 (Part 2) : 1985 RA: 2024
2	Sulfur dioxide (SO2)	kg/day	0.1	BLQ ✓	IS 11255 (Part 2) : 1985 RA: 2024
3	Nitrogen dioxide (NO2)	mg/Nm3	2.0	2.14 ✓	IS 11255 (Part 7):2005 RA: 2022
4	Nitrogen dioxide (NO2)	ppm	1.0	1.14 ✓	IS 11255 (Part 7):2005 RA: 2022

Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution						
5	TPM	mg/Nm3	10	50	✓ BLQ	IS 11255 (Part 1) : 1985 RA: 2024

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ULR No.: TC1220725000003803F

TEST REPORT



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Statement of Conformity : -----

Opinion and Interpretation : -----

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TC-12207

TEST REPORT

Report No.: ST250926028

Report Date: 07-Oct-2025

ULR No.: TC122072500003804F

Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	26-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-7 Fume Extractor & Storage Tank
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20 to 23 & AA-30
Attached To : S-7 Fume Extractor & Storage Tank
Shape : Round
Diameter (mm) : 150
Height from Ground Level (Mtr) : 12
Temperature (OC) : 46
Velocity of Flue Gases (m/sec) : 5.61
Volume of Flue Gases (m3/hour) : 356.81
Volume of Flue Gases (Nm3/hour) : 331.73
Type of Fuel : Electricity
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution						
1.	Acid mist (HCl)	mg/m3	5.0	35	13.00	Lab SOP No. SEETL/LD/SOP/AA-31

BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

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ULR No.: TC1220725000003804F

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TC-12207

Report No.: ST250926029

Report Date: 07-Oct-2025

ULR No.: TC122072500003805F

TEST REPORT

Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	26-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-8 Steam Jet Ejector Vent
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20 to 23 & AA-30
Attached To : S-8 Steam Jet Ejector Vent
Shape : Round
Diameter (mm) : 15
Height from Ground Level (Mtr) : 8
Temperature (0C) : 45
Velocity of Flue Gases (m/sec) : 6.02
Volume of Flue Gases (m3/hour) : 3.83
Volume of Flue Gases (Nm3/hour) : 3.57
Environmental conditions at lab: : 25.2
Temp (°C) :
Environmental conditions at lab: : 54
Humidity (%) :

Test Results :

Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution						
1	Acid mist (HCl)	mg/m3	5.0	35	11.00	Lab SOP No. SEETL/LD/SOP/AA-31

BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

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Report No.: ST250926029
Report Date: 07-Oct-2025
ULR No.: TC1220725000003805F

TEST REPORT



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TEST REPORT

Report No.: ST250926030

Report Date: 07-Oct-2025

ULR No.: TC1220725000003806F



Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	26-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-9 Needle Plant Blower ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20 to 23 & AA-30
Attached To : S-9 Needle Plant Blower
Shape : Round
Diameter (mm) : 150
Height from Ground Level (Mtr) : 12
Temperature (OC) : 44
Velocity of Flue Gases (m/sec) : 5.64
Volume of Flue Gases (m3/hour) : 358.53
Volume of Flue Gases (Nm3/hour) : 335.40
Type of Fuel : Electricity
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Result	Test Method	
Discipline : Chemical Main Group : Atmospheric pollution						
1	Sulfur dioxide (SO2)	mg/Nm3	3.0	3.25 ✓	IS 11255 (Part 2) : 1985 RA: 2024	
2	Sulfur dioxide (SO2)	kg/day	0.1	BLQ ✓	IS 11255 (Part 2) : 1985 RA: 2024	
3	Nitrogen dioxide (NO2)	mg/Nm3	2.0	BLQ ✓	IS 11255 (Part 7):2005 RA: 2022	
4	Nitrogen dioxide (NO2)	ppm	1.0	BLQ ✓	IS 11255 (Part 7):2005 RA: 2022	
Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method

Reviewed By

YOGITA JOSHI
DEPUTY TECHNICAL MANAGER
(CHEMICAL)

SEEPL/QF/7.8/01

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TRUPTI MAYEKAR
TECHNICAL MANAGER
(CHEMICAL)



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TEST REPORT

Report No.: ST250926030

Report Date: 07-Oct-2025

ULR No.: TC1220725000003806F



Discipline : Chemical | Main Group : Atmospheric pollution

5	TPM	mg/Nm ³	10	50	✓ 33.05	IS 11255 (Part 1) : 1985 RA: 2024
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BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

- Note : 1) The above results relate only to the condition prevailing at the time of sampling.
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TEST REPORT

Report No.: ST250926031

Report Date: 07-Oct-2025

ULR No.: TC1220725000003807F



Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	26-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-10 ATFD Vent ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20 to 23 & AA-30
Attached To : S-10 ATFD Vent
Shape : Round
Diameter (mm) : 100
Height from Ground Level (Mtr) : 12
Temperature (°C) : 136
Velocity of Flue Gases (m/sec) : 6.78
Volume of Flue Gases (m3/hour) : 191.59
Volume of Flue Gases (Nm3/hour) : 138.93
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution					
1	TPM	mg/Nm3	10	28.06 ✓	IS 11255 (Part 1) : 1985 RA: 2024
2	Sulfur dioxide (SO2)	mg/Nm3	3.0	BLQ ✓	IS 11255 (Part 2) : 1985 RA: 2024
3	Sulfur dioxide (SO2)	kg/day	0.1	BLQ ✓	IS 11255 (Part 2) : 1985 RA: 2024
4	Nitrogen dioxide (NO2)	mg/Nm3	2.0	BLQ ✓	IS 11255 (Part 7):2005 RA: 2022
5	Nitrogen dioxide (NO2)	ppm	1.0	BLQ ✓	IS 11255 (Part 7):2005 RA: 2022

Reviewed By

YOGITA JOSHI
DEPUTY TECHNICAL MANAGER
(CHEMICAL)

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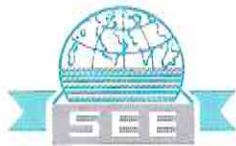


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TEST REPORT

Report No.: ST250926031

Report Date: 07-Oct-2025

ULR No.: TC1220725000003807F



BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

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TEST REPORT

Report No.: ST250926032

Report Date: 07-Oct-2025

ULR No.: TC1220725000003808F



Report Issued To :	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 ✓ G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	26-Sep-2025	26-Sep-2025	03-Oct-2025

Sample Description :

Sample Name : S-11 Sludge Dryer Vent (Paddle Dryer) ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date Of sampling : 25-09-2025
Sample Collected By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-20 to 23 & AA-30
Attached To : Sludge Dryer Vent F
Shape : Round
Diameter (mm) : 150
Height from Ground Level (Mtr) : 12
Temperature (0C) : 115
Velocity of Flue Gases (m/sec) : 6.37
Volume of Flue Gases (m3/hour) : 404.93
Volume of Flue Gases (Nm3/hour) : 309.52
Environmental conditions at lab: : 25.2
Temp (°C)
Environmental conditions at lab: : 54
Humidity (%)

Test Results :

Sr.No	Specific Test	Units	LOQ	Result	Test Method	
Discipline : Chemical Main Group : Atmospheric pollution						
1	Sulfur dioxide (SO2)	mg/Nm3	3.0	4.07 ✓	IS 11255 (Part 2) : 1985 RA: 2024	
2	Sulfur dioxide (SO2)	kg/day	0.0	BLQ ✓	IS 11255 (Part 2) : 1985 RA: 2024	
3	Nitrogen dioxide (NO2)	mg/Nm3	2.0	3.21 ✓	IS 11255 (Part 7):2005 RA: 2022	
4	Nitrogen dioxide (NO2)	ppm	1.0	1.71 ✓	IS 11255 (Part 7):2005 RA: 2022	
Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method

Reviewed By

YOGITA JOSHI
DEPUTY TECHNICAL MANAGER
(CHEMICAL)

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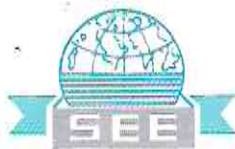


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TEST REPORT

Report No.: ST250926032

Report Date: 07-Oct-2025

ULR No.: TC122072500003808F



Discipline : Chemical | Main Group : Atmospheric pollution

5	TPM	mg/Nm ³	10	50	✓ 28.04	IS 11255 (Part 1) : 1985 RA: 2024
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BLQ - Below Limit of Quantification | LOQ - Limit of Quantification

Statement of Conformity : -----

Opinion and Interpretation : -----

Vnu

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Report

Reviewed By

Yogita Joshi

YOGITA JOSHI
DEPUTY TECHNICAL MANAGER
(CHEMICAL)

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Trupti Mayekar

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TEST REPORT

Report No.: N250925002

Report Date: 30-Sep-2025

ULR No.: TC1220725000003690F



TC-12207

Report Issued To	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	25-Sep-2025	25-Sep-2025	30-Sep-2025

Sample Description :

Sample Name : Ambient Noise ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date of Monitoring : 24-09-2025
Time of Sampling : Day & Night
Monitored By : SEETL Representative
Sampling Plan : SEETL/LD/F-03
Sampling SOP No. : SEETL/LD/SOP/AA-31

Test Results :

Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution						
Near DG Running Condition(Accoustic Closed - Day						
1	Noise level	dB	30	75	✓ 69.7	IS 9989: 1981 (RA:2023)
Near DG Running Condition(Accoustic Closed - Night						
2	Noise level	dB	30	70	✓ 59.9	IS 9989: 1981 (RA:2023)
Near main Gate - Day						
3	Noise level	dB	30	75	✓ 67.2	IS 9989: 1981 (RA:2023)
Near main Gate - Night						
4	Noise level	dB	30	70	✓ 57.2	IS 9989: 1981 (RA:2023)
Near Nebula gate - Day						
5	Noise level	dB	30	75	✓ 66.8	IS 9989: 1981 (RA:2023)
Near Nebula gate - Night						
6	Noise level	dB	30	70	✓ 54.3	IS 9989: 1981 (RA:2023)

LOQ - Limit of Quantification | BLQ - Below Limit of Quantification

Observations / Remarks : -----

Reviewed By

YOGITA JOSHI

DEPUTY TECHNICAL MANAGER
(CHEMICAL)



Authorised By

TRUPTI MAYEKAR
TECHNICAL MANAGER
(CHEMICAL)



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TEST REPORT

Report No.: N250925002

Report Date: 30-Sep-2025

ULR No.: TC1220725000003690F



Statement of Conformity : -----

Opinion and Interpretation : -----

- Note : 1) A "decibel" is a unit in which noise is measured.
2) "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise corresponds to frequency response characteristics of the human hear.
3) Leq: It is the energy mean of the noise level over a specified period.
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TEST REPORT

Report No.: WN250925001

Report Date: 30-Sep-2025

Report Issued To	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	25-Sep-2025	25-Sep-2025	30-Sep-2025

Sample Description :

Sample Name : Workplace Noise
Test specification : Factory Act Rules, 1963 scheduled XXIV
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date of Monitoring : 24-09-2025
Time of Sampling : Day & Night
Monitored By : SEETL Representative
Sampling plan : SEETL/LD/F-03
Sampling SOP : SEETL/LD/SOP/AA-31

Test Results :





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TEST REPORT

Report No.: WN250925001

Report Date: 30-Sep-2025

Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution						
ETP Blower Area - Day						
1	Noise level	dB	30	90	✓ 72.8	IS 9989: 1981 (RA:2023)
ETP Blower Area - Night						
2	Noise level	dB	30	90	✓ 68.8	IS 9989: 1981 (RA:2023)
Near Boiler Area - Day						
3	Noise level	dB	30	90	✓ 71.9	IS 9989: 1981 (RA:2023)
Near Boiler Area - Night						
4	Noise level	dB	30	90	✓ 68.9	IS 9989: 1981 (RA:2023)
Near HAG Area-SDP - Day						
5	Noise level	dB	30	90	✓ 72.2	IS 9989: 1981 (RA:2023)
Near HAG Area-SDP - Night						
6	Noise level	dB	30	90	✓ 67.7	IS 9989: 1981 (RA:2023)
Nebula Vaccume Pump Area - Day						
7	Noise level	dB	30	90	✓ 69.8	IS 9989: 1981 (RA:2023)
Nebula Vaccume Pump Area - Night						
8	Noise level	dB	30	90	✓ 66.9	IS 9989: 1981 (RA:2023)
Powder Packing Area - Day						
9	Noise level	dB	30	90	✓ 69.8	IS 9989: 1981 (RA:2023)
Powder Packing Area - Night						
10	Noise level	dB	30	90	✓ 66.1	IS 9989: 1981 (RA:2023)
QA Lab - Day						
11	Noise level	dB	30	90	✓ 59.7	IS 9989: 1981 (RA:2023)
QA Lab - Night						
12	Noise level	dB	30	90	✓ 55.5	IS 9989: 1981 (RA:2023)
SDP Plant - Day						
13	Noise level	dB	30	90	✓ 69.9	IS 9989: 1981 (RA:2023)
SDP Plant - Night						
14	Noise level	dB	30	90	✓ 68.7	IS 9989: 1981 (RA:2023)

LOQ - Limit of Quantification | BLQ - Below Limit of Quantification

Observations / Remarks : -----

1/2025





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TEST REPORT

Report No.: WN250925001

Report Date: 30-Sep-2025

Reviewed By

YOGITA JOSHI

DEPUTY TECHNICAL MANAGER
(CHEMICAL)

Authorised By

TRUPTI MAYEKAR
TECHNICAL MANAGER
(CHEMICAL)



Statement of Conformity : -----

Opinion and Interpretation : -----

- Note : 1) *As per Factory Act Rules, 1963 scheduled XXIV Noise Limit 90dB(A) *dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
2) A "decibel" is a unit in which noise is measured.
3) "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.
4) Leq; It is the energy mean of the noise level over a specified period.
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TEST REPORT

Report No.: WN250925002

Report Date: 30-Sep-2025

Report Issued To	Sample Received On	Analysis Duration	
		Start Date	Completion Date
M/s. Galaxy Surfactants Limited G-59 G-59, MIDC Tarapur, Dist: Palghar, Maharashtra, Boisar, Boisar, Maharashtra, 401506	25-Sep-2025	25-Sep-2025	30-Sep-2025

Sample Description :

Sample Name : Insertion Loss ✓
Test specification : Maharashtra Pollution Control Board Limits
Order / Reference : P.O. No: 4500208162 Dated: 30/06/2025
Date of Monitoring : 24-09-2025
Time of Sampling : Day
Monitored By : SEETL Representative
Sampling plan : SEETL/LD/F-03
Sampling SOP : SEETL/LD/SOP/AA-31

Test Results :

Sr.No	Specific Test	Units	LOQ	Requirements	Result	Test Method
Discipline : Chemical Main Group : Atmospheric pollution						
Blower 74 K BG						
1	Insertion loss	db	25	25	Acoustic Open: 101.1 Acoustic Closed: 76.3 Insertion Loss: 26.8	IS 9989: 1981 (RA:2023)
DG Set 1010 KVA						
2	Insertion loss	db	25	25	Acoustic Open: 98.4 Acoustic Closed: 71.5 Insertion Loss: 26.9	IS 9989: 1981 (RA:2023)

LOQ - Limit of Quantification | BLQ - Below Limit of Quantification

Observations / Remarks : -----

Reviewed By

YOGITA JOSHI

DEPUTY TECHNICAL MANAGER
(CHEMICAL)



Authorised By

TRUPTI MAYEKAR
TECHNICAL MANAGER
(CHEMICAL)

Statement of Conformity : -----

Opinion and Interpretation : -----



Sadekar Enviro Engineers Private Limited

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TEST REPORT

Report No.: WN250925002

Report Date: 30-Sep-2025

- Note : 1) *As per Factory Act Rules, 1963 scheduled XXIV Noise Limit 90dB(A) *dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- 2) A "decibel" is a unit in which noise is measured.
- 3) "A", in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.
- 4) Leq: It is the energy mean of the noise level over a specified period.
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- 7) This report is system generated.



Report

***** End Of Report *****





Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

FORM FOR FILING ANNUAL RETURNS

[To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

Unique Application Number:

MPCB-HW_ANNUAL_RETURN-0000054851

Submitted On:

13-06-2025

Industry Type :

Generator

Submitted for Year:

2025

1. Name of the generator/operator of facility

Galaxy Surfactants Ltd.

Address of the unit/facility

Plot No. G-59, MIDC Tarapur, Boisar 401506

1b. Authorization Number

Format 1.0/CC/UAN No.0000200831/CR/2407000213

Date of issue

Jul 2, 2024

Date of validity of consent

Apr 30, 2027

2. Name of the authorised person

Rajesh B. Khatavkar

Full address of authorised person

Plot No. G-59, MIDC Tarapur, Boisar 401506

Telephone

8976778210

Fax

NA

Email

Galaxy-G59@galaxysurfactants.com

3. Production during the year (product wise), wherever applicable

Product Type *	Product Name *	Consented Quantity	Actual Quantity	UOM
Chemical ,Petrochemical &Electrochemical	FATTY ALCOHOL SULPHATES (POWDER/NEEDLES)	1200.0000	980.32	MT/A
Chemical ,Petrochemical &Electrochemical	FATTY ALCOHOL SULPHATES (COLOR NEEDLES)	2400.0000	901.92	MT/A
Chemical ,Petrochemical &Electrochemical	FATTY ALCOHOL SULPHATES (LIQUID)	576.0000	260.00	MT/A
Chemical ,Petrochemical &Electrochemical	ACTIVE PREPARATIONS INCLUDING ANIONIC, CATIONIC, AMPHOTERIC, NON IONIC SURFACTANTS SUCH AS FATTY ALCOHOL SULPHATES/ QUATERNARY AMMONIUM COMPOUNDS / ALKANOL AMIDES / GLYCINATES / AMINEOXIDES / BETAINES / QUATERNARY AMMONIUM COMPOUNDS AND SURFACTANT BLENDS	24996.0000	416.01	MT/A
Chemical ,Petrochemical &Electrochemical	SPECIALITY CHEMICALS SUCH AS POLYMERIC CONDITIONERS , POLYQUATS , PRESERVATIVES , FATTY ACID ESTERS	4992.0000	106.94	MT/A
Chemical ,Petrochemical &Electrochemical	SUNSCREENS	7500.0000	10.59	MT/A

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	Wate Name	Consented Quantity	Quantity	UOM
5.1 Used or spent oil	Used or spent Oil	1.500	0.540	MTA

5.2 Wastes or residues containing oil	Waste or residue containing oil	2.000	1.007	KL/Anum
20.2 Spent solvents	Spent solvents	6.000	0	KL/Anum
20.3 Distillation residues	Distillation residue	410.000	5.258	KL/Anum
28.1 Process Residue and wastes	Process residue & waste	2.000	1.478	KL/Anum
28.2 Spent catalyst	Spent catalyst	2.000	0	KL/Anum
28.3 Spent carbon	Spent carbon	2.000	0	KL/Anum
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	Empty barrels /containers /liners	10.000	0	KL/Anum
35.2 Spent ion exchange resin containing toxic metals	Spent ion exchange resin	1.000	0	KL/Anum
35.3 Chemical sludge from waste water treatment	ETP Sludge	15.000	3.672	KL/Anum
37.2 Ash from incinerator and flue gas cleaning residue	Flue gas cleaning residue	0.900	0	KL/Anum
37.3 Concentration or evaporation residues	MEE salt	60.000	21.637	KL/Anum
Other Hazardous Waste	Insulation material	4.000	0.343	KL/Anum

2. Quantity dispatched category wise.

Type of Waste	Quantity of waste	UOM	Dispatched to	Facility Name
5.1 Used or spent oil	0.558	MTA	Co-processors or pre-processor	Go Green Eco Tech
5.2 Wastes or residues containing oil	1.943	MTA	Co-processors or pre-processor	Go Green Eco Tech
20.2 Spent solvents	0	MTA	Disposal Facility	MWML
20.3 Distillation residues	5.604	MTA	Co-processors or pre-processor	Go Green Eco Tech
28.1 Process Residue and wastes	1.991	MTA	Co-processors or pre-processor	Go Green Eco Tech
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	0	MTA	Disposal Facility	MWML
35.2 Spent ion exchange resin containing toxic metals	0	MTA	Disposal Facility	MWML
35.3 Chemical sludge from waste water treatment	4.466	MTA	Disposal Facility	MWML
37.2 Ash from incinerator and flue gas cleaning residue	0	MTA	Disposal Facility	MWML
37.3 Concentration or evaporation residues	22.012	MTA	Disposal Facility	MWML
Other Hazardous Waste	0.343	MTA	Disposal Facility	MWML

3. Quantity Utilised in-house,If any

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	MTA

4. Quantity in storage at the end of the year

Type of Waste	Name of Waste	Quantity of Waste	UOM
	NA	0	MTA

5. Quantity disposed in landfills as such and after treatment

<i>Type</i>	<i>Quantity</i>	<i>UOM</i>
Direct landfilling	23.874	MTA
Landfill after treatment	0	MTA
6. Quantity incinerated (if applicable)	<i>UOM</i>	
6.303	MTA	

Personal Details

<i>Place</i>	<i>Date</i>	<i>Designation</i>
Tarapur	2025-06-13	Factory Manager



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000084825

Submitted Date

22-09-2025

PART A

Company Information

Company Name

Galaxy Surfactants Ltd

Application UAN number

0000200831

Address

G-59 MIDC Tarapur

Plot no

G-59

Taluka

Palghar

Village

MIDC Tarapur

Capital Investment (In lakhs)

12132.00

Scale

LSI

City

Palghar

Pincode

401506

Person Name

Rajesh Khatavkar

Designation

Factory Manager

Telephone Number

8976778210

Fax Number

0

Email

Rajesh.Khatavkar@galaxysurfactants.com

Region

SRO-Tarapur I

Industry Category

Red

Industry Type

R22 Organic Chemicals manufacturing

Last Environmental statement submitted online

yes

Consent Number

Format1.0/CC/UAN
No.0000200831/CR/2407000213

Consent Issue Date

2024-07-02

Consent Valid Upto

2027-04-30

Establishment Year

1992

Date of last environment statement submitted

Sep 24 2024 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Fatty Alcohol Sulphates/Sulfosuccinate (Powder/Needles)

Consent
Quantity

1200

Actual
Quantity

980.32

UOM

MT/A

Fatty Alcohol Sulphate (Needle-Colour)

2400

901.92

MT/A

Fatty Alcohol Sulphates/Fatty Alcohol Ether Sulphate

576

260.00

MT/A

Active preparations including anionic, cationic, amphoteric, non ionic surfactants such as fatty alcohol sulphates/Quaternary ammonium compounds/alkanol amides/Glycinates/Amineoxides/betaines/Quarter

24996

416.01

MT/A

Speciality chemicals such as polymeric conditioners, polyquats, preservatives, fatty acid esters

4992

106.94

MT/A

Sunscreens

7500

10.59

MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	145.00	10.76
Cooling	340.00	2.11
Domestic	19.50	7.00
All others	18.00	5.88
Total	522.50	25.75

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
EFFLEUNT GENERATION	122	14.6	CMD
DOMESTIC EFFLEUNT	17.6	4.0	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
0	0	0	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Caustic soda Lye	11.32	16.31	MT/A
Epichloro Hydrin	23.48	9.75	MT/A
Methylene Chloride	2.69	8.18	MT/A
FAS Liquid	1271.96	480.15	MT/A
Caprylic alcohol	0.00	4.78	MT/A
Citric acid (MONOHYDRATE)	1.55	1.03	MT/A
Sodium Sulfate	2.27	0.84	MT/A
Capric alcohol	0.00	4.84	MT/A
Caprylic alcohol (C8)	4.71	31.90	MT/A
Capric alcohol (C10)	13.03	25.56	MT/A
GLYCERINE	9.52	18.37	MT/A
Dextrose Anhydrous	67.75	122.73	MT/A
Distilled Fatty Acid C8-10	66.72	90.82	MT/A
Tung Oil	12.15	11.01	MT/A
Rapeseed oil	22.29	19.80	MT/A
DIMETHYL AMINO PROPYL AMINE	59.77	58.15	MT/A
ISO PROPYL ALCOHOL	73.32	40.64	MT/A

Sodium Meta bi sulfite	30.42	17.85	MT/A
Lauryl Alcohol (C1214) MB	18.35	0.02	MT/A
4-Nitro Benzoic Acid	17.00	6.00	MT/A
2 Ethyl Hexanol	10.97	11.13	MT/A
Hydrogen Peroxide 50%	2.80	5.03	MT/A
C0810 Alkyl polyglucoside	0.00	19.85	MT/A
Cetyl Alcohol (C16-95%)	4.18	24.38	MT/A
Thionyl chloride	0.97	3.56	MT/A
Nitrogen Liquid	22.79	35.8	M3/Anum

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD	124392	11553	Kg/Annum
PNG	4000	1401.90	SCM/Day

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
ZLD	0	0	0	NA	ZLD

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
TPM (Thermic Fluid Heater-SDP)	0.509	9.41	0	50 mg/nm3	NA
NOx (Thermic Fluid Heater-SDP)	3.658	35.94	0	50 ppm	NA
TPM (Thermic Fluid Heater-Nebula)	4.623	10.84	0	50 mg/nm3	NA
NOx (Thermic Fluid Heater-Nebula)	24.601	30.66	0	50 ppm	NA
TPM (Boiler)	3.283	10.30	0	50 mg/nm3	NA
NOx (Boiler)	19.189	32.01	0	50 ppm	NA
TPM (DG)	0.295	36.37	0	50 Mg/Nm3	NA
SO2 (DG)	0.22	0.22	0	6.81 Kg/Day	NA
Acid Mist (Chlorination reactor vent)	0.008	7.93	0	35 Mg/Nm3	NA
TPM (Spray Dryer plant Vent)	3.009	20.80	0	50 Mg/Nm3	NA
TPM (Packing section dust exhaust)	0.162	20.28	0	50 Mg/Nm3	NA
Acid Mist (Process reactor vent & storage tank	0.021	12.79	0	35 Mg/Nm3	NA
Acid Mist (Process reactor vent K)	0.016	10.52	0	35 Mg/Nm3	NA
TPM (ATFD vent D)	0.046	8.54	0	50 Mg/Nm3	NA
TPM (Sludge dryer vent F)	0.082	8.41	0	50 Mg/Nm3	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0.279	0.558	MT/A
5.2 Wastes or residues containing oil	0.529	1.943	MT/A
20.3 Distillation residues	0.565	5.604	MT/A
28.1 Process Residue and wastes	1.051	1.991	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.1 Exhaust Air or Gas cleaning residue	0	0	MT/A
35.3 Chemical sludge from waste water treatment	2.304	4.466	MT/A
37.3 Concentration or evaporation residues	6.900	22.012	MT/A
Other Hazardous Waste	0	0.343	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
PVC PAPER BAGS	14.19	15.45	MT/A
HDPE / METAL CONTAINERS	1396	2235	Nos./Y
WOODEN PALLATES	7	173	Nos./Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	0.558	MT/A	LIQUID
5.2 Wastes or residues containing oil	1.943	MT/A	LIQUID
20.3 Distillation residues	5.604	MT/A	SOLID / LIQUID
28.1 Process Residue and wastes	1.991	MT/A	SOLID / LIQUID
35.3 Chemical sludge from waste water treatment	4.466	MT/A	SOLID

37.3 Concentration or evaporation residues	22.012	MT/A	SOLID
Other Hazardous Waste	0.343	MT/A	SOLID

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
PVC AND PAPER BAGS	15.45	MT/A	PAPER BAGS WITH PVC LINER
HDPE / METAL CONTAINERS	2235	Nos./Y	NA
WOODEN PALLATES	173	Nos./Y	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
NA	0	0	0	0	0	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Nil	Nil	0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NIL	NIL	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

We have ZLD unit

Name & Designation

Rajesh Khatavkar - Factory Manager

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000084825

Submitted On:

22-09-2025