Galaxy
Global Supplier to Global Brands

Galaxy Surfactants Ltd.

23.7.2020

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 January 2020 to June 2020, 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

Shrivardhan Nuwal
Project Manager

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

2. Ministry of Environment and Forest, Climate Change
Regional Office (WCZ), Ground Floor,
East Wing, New Secretariat Building, Civil Line, Nagpur-440001
through email id: eccompliance-mh@gov.in

3. Central Pollution Control Board
Parivesh Bhavan, Opp. VMC Ward Office No.10, Subhanpura
Vadodara – 390023, Gujarat

Factory Address: Plot No.G-59,
Tarapur MIDC, Taluka Palghar,
Post, Boisar-401 506
Maharashtra

Regd. Office:
C-49/2, TTC Industrial Area, Pawne,
Navi Mumbai – 400 703, India.
CIN No. U39877MH1986PLC039877
Ph : +91-22-65134444 / 27616666
Fax : +91-22-27615883 / 27615886
E-mail : galaxy@galaxysurfactants.com
Website : www.galaxysurfactants.com

COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE
(Period: January 2020 – June 2020)

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	Existing Production (MT/Month)	Proposed Production (MT/Month) which is under progress. The production is yet to be started.
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/Quatternary 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

Note: The expansion project as per EC for the proposed production is under progress.

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 No trade effluent discharge in respect of existing production. 2. We will abide by the above referred EC condition for proposed project which is under progress.
II	No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	No additional land 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 are done on regular basis and the records are maintained as per Factories Act. **Due to Covid-19 Health checkup was not carried out in April 2020. It will be plan in Aug first week.**
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:- Construction work is under progress.
VII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	We have received EC for the proposed project on 4.5.2018. The project is under progress and we will comply to this condition.
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 be regularly submitted to the Maharashtra Pollution Control Board.	We are not using ground water and hence this is not applicable to us.

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.	We have received EC for the proposed project on 4.5.2018. The project is under progress and this condition will be complied.
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 will be 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. **Due to Covid-19 Health checkup was not carried out in April 2020. It will be planned in Aug first week.**
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 wastes 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 Wastes 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 breaks-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 received EC for the proposed project on 4.5.2018. We have budgeted separate funds for environment protection measures. The details of the above said funds are given below in rupees 1. ETP (Civil costs of Aeration tanks, blowers, MBR, etc.) = 1.7 Cr 2. MEE+ATFD = 1.2 Cr 3. RO = 0.6 Cr 4. Sludge dryer = 0.3 Cr 5. Chimney = 0.2 Cr 6. Scrubber = 0.75 Cr Out of the above budgeted funds, we have utilized 75% of the amount towards procurement of all the ETP and scrubber system till 31.3.2020.
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 1st June and 1st 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 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.	We have received EC for the proposed project on 4.5.2018. Status of compliance of the stipulated EC conditions, including results of monitored data is being uploaded on our website on regular basis. The Criteria Pollutant Levels are displayed on the main gate of the Company. Please refer enclosed Annexure B 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 31st 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 2018-19 submitted online with the MPCB website on 9.8.2019. 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

Shrivardhan Nuwal
Project Manager

SIX MONTHLY COMPLIANCE REPORT
PART I: DATA SHEET
(Period: January 2020 – June 2020)

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 - 100.0 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.85/- Crores
	b. Allocation made for environmental management plans with item wise and year wise break up.	Total allocation for environmental management plans is for Rs.4.75 Crores The details of the above said funds are given below in rupees 1. ETP (Civil costs of Aeration tanks, blowers, MBR, etc.) = 1.7 Cr 2. MEE+ATFD = 1.2 Cr 3. RO = 0.6 Cr 4. Sludge dryer = 0.3 Cr 5. Chimney = 0.2 Cr 6. Scrubber = 0.75 Cr Out of the above budgeted funds, we have utilized 75% of the amount towards procurement of all the ETP and scrubber system till 31.3.2020.
	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.45/- Crores as on 31.3.2020
	c) Actual expenditure incurred on the environmental management plans so far	Rs.3/- Crores as on 31.3.2020
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)	31.03.2021
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, Mumbai-I on 17.10.2019.
	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

Shrivardhan Nuwal
Project Manager

Annexure - B

Sadekar Enviro Engineers Pvt. Ltd.

Plot No. A-85, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.
✆ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

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Lab. accredited by NABL, Valid up to 26.03.2020 ★ Certified by ISO 9001:2015 & BS OHSAS 18001 : 2007

ANALYSIS TEST REPORT FOR AMBIENT AIR QUALITY MONITORING REPORT

Report No	**SEETL200000477**	Report Date	07/07/2020
Name of Client	**M/s. Galaxy Surfactants Ltd.**		
Address of Client	Plot No. G-59, M.I.D.C,Tarapur, Tal & Dist. Palghar- 401506.		
Order / Reference	**P.O. No: 4500113025 Date - 17/06/2020**		
Date Of sampling	30/06/2020	Sample Receipt Date	01/07/2020
Analysis Started on	02/07/2020	Analysis Completed On	07/07/2020
ULR No.	-		
Sample Collected By	SEETL Representative		
Sampling Plan	SEETL/LD/F-03	Sampling SOP No.	SEETL/LD/SOP/AA-32
Environmental Condition of Lab		Temperature(^{0}C) 27.6	Humidity (%) 47

AMBIENT AIR STATION

Location of H.V.S.	**Near Nebula Plant (G-59) Main Gate**		
Lateral Distance	5.0 Meter from Main Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature(^{0}C)	30	Humidity (%)	72
Wind Speed (km/hr)	3	Wind Direction (deg^0)	WNW,239
Instruments Used	R.D.S.(APM- 640), F.P.S.(APM – 550) & G.P.S.(APM – 411)		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAAQS Limits	Method
PM_{10}	61	µg/m^3	100.00	IS 5182 (Part 23): 2006 (RA 2012)
$PM_{2.5}$	29	µg/m^3	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
SO_2	18	µg/m^3	80.00	IS 5182 (Part 2): 2001 (RA 2012)
NO_X	24	µg/m^3	80.00	IS 5182 (Part 6): 2006 (RA 2012)
Ozone (O_3)	22	µg/m^3	180.00	IS 5182 (Part IX): 1974
CO	0.9	mg/m^3	04.00	NDIR IS 5182 (Part 10) C : 1999 (RA 2014)
Ammonia (NH_3)	< 20	µg/m^3	400.00	Method No. 401 Based on Methods of Air Sampling and analysis-3rd edition by J P Lodge
Lead as Pb	< 0.1	µg/m^3	01.00	EPA compendium method IO 3.5
Benzene (C_6H_6)	< 1	µg/m^3	5.00	IS 5182 (Part 11) :2006 (RA 2012)
Arsenic(As)	< 5	ng/m^3	6.00	EPA compendium method IO 3.5
Nickel(Ni)	< 5	ng/m^3	20.00	EPA compendium method IO 3.5
Benzo(a)Pyrene	< 0.025	ng/m^3	1.00	IS 5182 (Part 12): 2004 (RA 2014)

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.
3) PM_{10}-Particulate Matter of size < 10 µm
4) $PM_{2.5}$ - Particulate Matter of size < 2.5 µm
5) NAAQS-National Ambient Air Quality Standards

Conclusion:- AAQM results meets as per NAAQS 2009 Standards Norms.

Checked by
Nilesh Naik

Authorized Signatory
Priti Thombare

SADEKAR ENVIRO ENGINEERS PVT. LTD.
Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.
✆ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com
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ANALYSIS TEST REPORT FOR AMBIENT AIR QUALITY MONITORING REPORT

Report Decoding No.	**SEETL200000001**	Report Date	18/03/2020
Name of Client	**M/s. Galaxy Surfactants Limited**		
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin: 401506,		
Order / Reference	**4500100371 Dated 12.06.2019**		
Date Of sampling	11/03/2020	Sample Receipt Date	12/03/2020
Analysis Started on	13/03/2020	Analysis Completed On	18/03/2020
ULR No.	**TC708620000000408F**		
Sample Collected By	SEETL Representative	**Sampling SOP No.**	SEETL/LD/SOP/AA-32
Environmental Condition of Lab	Temperature (^{0}C)	24.9	Humidity (%) 53

AMBIENT AIR STATION

Location of H.V.S.	**Near Main Security Gate**		
Lateral Distance	5.0 Meter from Main Security Gate		
Receptor Distance	1.5 Meters From Ground Level		
Ambient Temperature (^{0}C)	27	Humidity (%)	52
Wind Speed (km/hr)	11	Wind Direction (deg^0)	NE,33^0
Instruments Used	R.D.S.(APM- 450), F.P.S.(APM – 550) & G.P.S.(APM – 411)		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	NAAQS Limits	Method
PM_{10}	63	µg/m^3	100.00	IS 5182 (Part 23): 2006 (RA 2012)
$PM_{2.5}$	35	µg/m^3	60.00	EPA Quality assurance guidance document 2.12, based on CPCB- 2011
SO_2	24	µg/m^3	80.00	IS 5182 (Part 2): 2001 (RA 2012)
NO_X	35	µg/m^3	80.00	IS 5182 (Part 6): 2006 (RA 2012)
Ammonia (NH_3)	< 20	µg/m^3	400.00	Method No. 401 Based on Methods of Air Sampling and analysis-3rd edition by J P Lodge
CO	1.1	mg/m^3	04.00	NDIR IS 5182 (Part 10) C : 1999 (RA 2014)
Lead as Pb	< 0.1	µg/m^3	01.00	EPA compendium method IO 3.5
Benzene (C_6H_6)	< 1	µg/m^3	5.00	IS 5182 (Part 11) :2006 (RA 2012)
Arsenic(As)	< 5	ng/m^3	6.00	EPA compendium method IO 3.5
Nickel(Ni)	< 5	ng/m^3	20.00	EPA compendium method IO 3.5
Ozone (O_3)	26	µg/m^3	180.00	IS 5182 (Part IX): 1974
Benzo(a)Pyrene	< 0.025	ng/m^3	1.00	IS 5182 (Part 12): 2004 (RA 2014)

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.
3) PM_{10}-Particulate Matter of size < 10 µm.
4) $PM_{2.5}$ - Particulate Matter of size < 2.5 µm.
5) NAAQS-National Ambient Air Quality Standards.

Sadekar Enviro Engineers Pvt. Ltd.

Authorized Signatory
Nilesh Naik

SADEKAR ENVIRO ENGINEERS PVT. LTD.
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ANALYSIS TEST REPORT FOR STACK EMISSION

Report Decoding No.	**SEETL200000002**	Report Date	18/03/2020
Name of Client	**M/s. Galaxy Surfactants Limited**		
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.		
Order / Reference	**4500100371 Dated 12.06.2019**		
Date Of sampling	11/03/2020	Sample Receipt Date	12/03/2020
Analysis Started on	13/03/2020	Analysis Completed On	18/03/2020
ULR No.	**TC708620000000409F**		
Sample Collected By	SEETL Representative	**Sampling SOP No.**	SEETL/LD/SOP/AA-32

Environmental Condition of Lab	Temperature (^{0}C)	24.9	Humidity (%)	53

DETAILS OF STACK

Attached To	**HAG**
Shape	Round
Diameter (mm)	450
Height From Ground Level (Mtr)	25 Mtr.
Temperature (^{0}C)	169
Velocity of Flue Gases (m/sec)	4.62
Volume of Flue Gases (m^3/hour)	2644.31
Type of Fuel	**Furnace Oil**

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	58	mg/Nm^3	150.00	IS 11255 Part 1-1985 Reaff.2014
SO_2	15	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO_x	21	mg/Nm^3	-	IS 11255 Part 7-2005 Reaff. 2012
*O_2	7.2	%	-	EPA Method-3A 1997
*CO_2	11.6	%	-	EPA Method-3A 1997

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.
3) *This parameter is not included in NABL scope.

Sadekar Enviro Engineers Pvt. Ltd.

Authorized Signatory
Nilesh Naik

SADEKAR ENVIRO ENGINEERS PVT. LTD.
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ANALYSIS TEST REPORT FOR STACK EMISSION

Report Decoding No.	**SEETL200000003**	Report Date	18/03/2020
Name of Client	**M/s. Galaxy Surfactants Limited**		
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.		
Order / Reference	**4500100371 Dated 12.06.2019**		
Date Of sampling	11/03/2020	Sample Receipt Date	12/03/2020
Analysis Started on	13/03/2020	Analysis Completed On	18/03/2020
ULR No.	**TC708620000000410F**		
Sample Collected By	SEETL Representative	**Sampling SOP No.**	SEETL/LD/SOP/AA-32

Environmental Condition of Lab	Temperature (^{0}C)	24.9	Humidity (%)	53

DETAILS OF STACK

Attached To	**DG 250 KVA**
Shape	Round
Diameter (mm)	150
Height From Ground Level (Mtr)	6.0 Mtr. Above the roof
Temperature (^{0}C)	187
Velocity of Flue Gases (m/sec)	12.73
Volume of Flue Gases (m^3/hour)	808.04
Type of Fuel	**HSD**

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	48	mg/Nm^3	150.00	IS 11255 Part 1-1985 Reaff.2014
SO_2	7.3	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO_x	13	mg/Nm^3	-	IS 11255 Part 7-2005 Reaff. 2012
*O_2	14.5	%	-	EPA Method-3A 1997
*CO_2	5.8	%	-	EPA Method-3A 1997

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.

Sadekar Enviro Engineers Pvt. Ltd.

Authorized Signatory
Nilesh Naik

SADEKAR ENVIRO ENGINEERS PVT. LTD.
Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.
✆ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2583 3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com
Gazetted By Ministry of Environment, Forest & Climate Change, Govt Of India, S. O. 857 (E), Valid upto 25.02.2023 * QCI-NABET Accredited EIA Consultancy
Lab. accredited by NABL, Valid up to 26.03.2020 ★ Certified by ISO 9001:2015 & BS OHSAS 18001 : 2007
SAVE WATER SAVE LIFE
TC-7086

ANALYSIS TEST REPORT FOR STACK EMISSION

Report Decoding No.	**SEETL200000004**	Report Date	18/03/2020
Name of Client	**M/s. Galaxy Surfactants Limited**		
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.		
Order / Reference	**4500100371 Dated 12.06.2019**		
Date Of sampling	11/03/2020	Sample Receipt Date	12/03/2020
Analysis Started on	13/03/2020	Analysis Completed On	18/03/2020
ULR No.	**TC708620000000411F**		
Sample Collected By	SEETL Representative	**Sampling SOP No.**	SEETL/LD/SOP/AA-32
Environmental Condition of Lab		Temperature (^{0}C)	24.9 / Humidity (%) 53

DETAILS OF STACK

Attached To	**Needle Plant Blower**
Shape	Round
Diameter (mm)	150
Height From Ground Level (Mtr)	15 Mtr.
Temperature (^{0}C)	34
Velocity of Flue Gases (m/sec)	4.06
Volume of Flue Gases (m^3/hour)	258.23
Type of Fuel	**Electricity**

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	45	mg/Nm^3	150.00	IS 11255 Part 1-1985 Reaff.2014
SO_2	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO_x	ND	mg/Nm^3	-	IS 11255 Part 7-2005 Reaff. 2012
*O_2	ND	%	-	EPA Method-3A 1997
*CO_2	ND	%	-	EPA Method-3A 1997

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.

Sadekar Enviro Engineers Pvt. Ltd.

Authorized Signatory
Nilesh Naik

SADEKAR ENVIRO ENGINEERS PVT. LTD.
Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.
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SAVE WATER SAVE LIFE
TC-7086

ANALYSIS TEST REPORT FOR STACK EMISSION

Report Decoding No.	**SEETL200000005**	Report Date	18/03/2020
Name of Client	**M/s. Galaxy Surfactants Limited**		
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.		
Order / Reference	**4500100371 Dated 12.06.2019**		
Date Of sampling	11/03/2020	Sample Receipt Date	12/03/2020
Analysis Started on	13/03/2020	Analysis Completed On	18/03/2020
ULR No.	**TC708620000000412F**		
Sample Collected By	SEETL Representative	**Sampling SOP No.**	SEETL/LD/SOP/AA-32

Environmental Condition of Lab	Temperature (^{0}C)	24.9	Humidity (%) 53

DETAILS OF STACK

Attached To	**SDP Plant Blower**
Shape	Round
Diameter (mm)	150
Height From Ground Level (Mtr)	15 Mtr.
Temperature (^{0}C)	35
Velocity of Flue Gases (m/sec)	5.03
Volume of Flue Gases (m^3/hour)	319.81
Type of Fuel	**Electricity**

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	40	mg/Nm^3	150.00	IS 11255 Part 1-1985 Reaff.2014
SO_2	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO_x	ND	mg/Nm^3	-	IS 11255 Part 7-2005 Reaff. 2012
*O_2	ND	%	-	EPA Method-3A 1997
*CO_2	ND	%	-	EPA Method-3A 1997

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.
3) *This parameter is not included in NABL scope.

Sadekar Enviro Engineers Pvt. Ltd.

Authorized Signatory
Nilesh Naik

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Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.
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SAVE WATER SAVE LIFE
TC-7086

ANALYSIS TEST REPORT FOR STACK EMISSION

Report Decoding No.	**SEETL200000006**	Report Date	18/03/2020
Name of Client	**M/s. Galaxy Surfactants Limited**		
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.		
Order / Reference	**4500100371 Dated 12.06.2019**		
Date Of sampling	11/03/2020	Sample Receipt Date	12/03/2020
Analysis Started on	13/03/2020	Analysis Completed On	18/03/2020
ULR No.	**TC708620000000413F**		
Sample Collected By	SEETL Representative	**Sampling SOP No.**	SEETL/LD/SOP/AA-32

Environmental Condition of Lab	Temperature (^{0}C)	24.9	Humidity (%)	53

DETAILS OF STACK

Attached To	**Spray Dryer** (Powder Blower SDP Chimney)
Shape	Round
Diameter (mm)	520
Height From Ground Level (Mtr)	25 Mtr.
Temperature (^{0}C)	96
Velocity of Flue Gases (m/sec)	2.86
Volume of Flue Gases (m^3/hour)	2183.83
Type of Fuel	**Electricity**

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	51	mg/Nm^3	150.00	IS 11255 Part 1-1985 Reaff.2014
SO_2	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO_x	ND	mg/Nm^3	-	IS 11255 Part 7-2005 Reaff. 2012
*O_2	ND	%	-	EPA Method-3A 1997
*CO_2	ND	%	-	EPA Method-3A 1997

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.
3) *This parameter is not included in NABL scope.
4) ND- Not Detected.

Sadekar Enviro Engineers Pvt. Ltd.

Authorized Signatory
Nilesh Naik

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ANALYSIS TEST REPORT FOR NOISE LEVEL MONITORING

Report Decoding No.	**SEETL200000007**	Report Date	18/03/2020
Name of Client	**M/s. Galaxy Surfactants Limited**		
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.		
Order / Reference	**4500100371 Dated 12.06.2019**		
Date Of Monitoring	11/03/2020	Time of Sampling	Day/Night
ULR No.	**TC708620000000414P**		
Monitored By	SEETL Representative	**Sampling SOP No.**	SEETL/LD/SOP/AA-31

NOISE LEVEL MONITORING			
Sampling Location (From 1 meter away)	**Noise Levels in dB(A) Leq* (Day Time)**	**Sampling Location (From 1 meter away)**	**(Night Time)**
AMBIENT NOISE LEVEL MONITORING			
Near Main Security Gate	66.8	Near Main Security Gate	50.3
DG Set Running Condition (Acoustic Closed)	72.8	DG Set Running Condition (Acoustic Closed)	68.4
***WORKPLACE NOISE ***			
HAG Area	73.7	HAG Area	69.8
SDP Plant	79.3	SDP Plant	74.4
Powder Packing Room	68.1	Powder Packing Room	60.5
QA Lab	61.7	QA Lab	46.7

Method:-IS:9989-1981 (RA 2001)

NOTE: 1) Limit During Day time < 75. (Day time shall mean from 6.00 am to 10.00 pm.)
2) Limit During Night time < 70. (Night time shall mean from 10.00 pm to 6.00 am.)
3) *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.
4) A “decibel” is a unit in which noise is measured.
5)“A”, in dB (A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human hear.
6) Leq: It is the energy mean of the noise level over a specified period.
(7) *Not included in NABL scope.

Sadekar Enviro Engineers Pvt. Ltd.

Authorized Signatory
Nilesh Naik

SADEKAR ENVIRO ENGINEERS PVT. LTD.
Plot No. A-95, Road No. 16, Kisan Nagar Road, M.I.D.C. Wagle Industrial Area, Thane - 400 604. Maharashtra State, India.
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Lab. accredited by NABL, Valid up to 26.03.2020 ★ Certified by ISO 9001:2015 & BS OHSAS 18001 : 2007
SAVE WATER SAVE LIFE
TC-7086

ANALYSIS REPORT FOR WORK PLACE SURVEILLANCE

Report Decoding No.	**SEETL200000008**	Report Date	18/03/2020
Name of Client	**M/s. Galaxy Surfactants Limited**		
Address of Client	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin : 401506, Maharashtra.		
Order / Reference	**4500100371 Dated 12.06.2019**		
Date Of sampling	11/03/2020	Sample Receipt Date	12/03/2020
Analysis Started on	13/03/2020	Analysis Completed On	18/03/2020
Sample Collected By	SEETL Representative	**Sampling SOP No.**	SEETL/LD/SOP/AA-32

Environmental Condition of Lab	Temperature (^{0}C)	24.9	Humidity (%)	53

***WORK PLACE AIR STATION**

Location of H.V.S.	**Powder Packing Room Area**
Lateral Distance	-
Receptor Distance	1.5 Meters From Ground Level
Ambient Temperature(^{0}C)	30
Humidity(%)	48

POLLUTIONAL PARAMETERS

Parameters	Result	Units	OHSAS Limits	Method
Total Particulate Matter	0.008	mg/m^3	15.00	IS 11255 Part 1-1985 Reaff.2014
SO_2	<0.003	mg/m^3	13.00	IS 5182 (Part 2): 2001 (RA 2012)
Ammonia	<0.02	mg/m^3	35.00	Method 401, Methods of Air sampling and analysis 3rd Edition
Formaldehyde	<0.02	mg/m^3	1.5	OSHA 52

NOTE: 1) The above results relate only to the condition prevailing at the time of sampling.
2) The above results relate only to the item tested.
3) *The above parameter is not included in NABL scope.

Sadekar Enviro Engineers Pvt. Ltd.

Authorized Signatory
Nilesh Naik

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2019

Unique Application Number
MPCB-ENVIRONMENT_STATEMENT-0000017270

Submitted Date
09-08-2019

Company Information

Company Name
Galaxy Surfactants Ltd

Application UAN number
1318

Address
G-59 MIDC Tarapur

Plot no
G-59

Taluka
Palghar

Village
MIDC Tarapur

Capital Investment (In lakhs)
585.44

Scale
MSI

City
Palghar

Pincode
401506

Person Name
MILIND A PATIL

Designation
GENERAL MANAGER

Telephone Number
02525307800

Fax Number
02525307879

Email
milind.patil@galaxysurfactants.com

Region
SRO-Tarapur I

Industry Category
Red

Industry Type
other

Last Environmental statement submitted online
yes

Consent Number
MPCB/16/09171/ROT/TR-1/83/12

Consent Issue Date
15.07.2016

Consent Valid Upto
30.04.2021

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Fatty Alcohol Sulphates/Sulfosuccinate (Powder/Needles)	1200	370.81	MT/A
Fatty Alcohol Sulphate (Needle-Colour)	2400	812.21	MT/A
Fatty Alcohol Sulphates/Fatty Alcohol Ether Sulphate	590	590.70	MT/A

By-product Information

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

1) Water Consumption in m3/day

Water Consumption for	***Consent Quantity in m3/day***	***Actual Quantity in m3/day***
Process	15	9.18
Cooling	4	1.87
Domestic	7	3.62
All others	4	2.29
Total	30	16.96

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
EFFLEUNT GENERATION	15	4	CMD
DOMESTIC EFFLEUNT	7	3	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	0.41	0.64	MT/A
C1214 Alkyl polyglucoside	4.20	6.40	MT/A
Alkyl polyglucoside C0814	11.46	13.61	MT/A
FAS Liquid	1913.52	1695.15	MT/A
Galaxy LSS (Paste) C1216	109.59	132.67	MT/A
Citric acid (MONOHYDRATE)	1.41	2.02	MT/A
Sodium Sulfate	1.50	1.12	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
FO	438	225.456	MT/A
HSD	61	5.055	KL/A

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

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
pH	NA	6.5-8.5	0	5.5-9.5	NA
TSS	0.01	7.75	0	<100mg/l	NA
COD	0.028	8	0	<250mg/l	NA
BOD	0.032	2.4	0	<100mg/l	NA
TDS	0.031	320	0	<2100mg/l	NA
O/G	0.002	0.45	0	<10mg/l	NA
CHLORIDE	0.36	90.6	0	<600mg/l	NA
SULPHATE	0.113	28.26	0	<1000mg/l	NA
SODIUM	0.005	1.12	0	<60%	NA
FREE AMMONIA	0.001	0.35	0	<5mg/l	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
TPM (TFE)	9.5	51.75	0	<150mg/nm3	NA
SO2 (TFE)	4.25	4.25	0	NS	NA
TPM (SDE)	11.31	48.25	0	<150mg/nm3	NA
SO2(SDE)	ND	ND	0	NS	NA
TPM(SDP BLOWER)	0.88	41.5	0	<150mg/nm3	NA
SO2(SDP BLOWER)	ND	ND	0	NS	NA
TPM(NEEDLE PLANT BLOWER)	0.82	40	0	<150mg/nm3	NA
SO2(NEEDLE PLANT BLOWER)	ND	ND	0	NS	NA
TPM(DG)	5.75	30.5	0	<150mg/nm3	NA
SO2(DG)	0.015	1	0	NS	NA

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	1528	241	Ltr/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	0.32	0.32	MT/A
35.3 Chemical sludge from waste water treatment	1.85	1.985	MT/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
PVC PAPER BAGS	0.537	3.796	MT/A
HDPE DRUM	1116	702	Nos./Y
WOODEN PALLATE	290	418	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

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	241	Ltr/A	LIQUID
35.3 Chemical sludge from waste water treatment	1.985	MT/A	SOLID
35.1 Exhaust Air or Gas cleaning residue	0.320	MT/A	SOLID CARBON/ ASH

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
EMPTY BAGS	3.796	MT/A	PAPER BAGS WITH PVC LINER
HDPE DRUM	702	Nos./Y	NA
WOODEN PALLATE	418	Nos./Y	NA

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)
NIL	NIL	NIL	NIL	NIL	NIL	NIL

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	NIL

[B] Investment Proposed for next Year

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

Any other particulars in respect of environmental protection and abatement of pollution.

Particulars

Secondary and Tertiary treatment to effluent is done at our sister units situated at M3 MIDC Tarapur, We have received ZLD amendment consent at M-3 unit

Name & Designation

General Manager

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-0000014031

Submitted On:
18-06-2020

Submitted for Year:
April 2019 to March 2020

1. Name of the generator/operator of facility
GALAXY SURFACTANTS LTD

Address of the unit/facility
PLOT NO.G-59, TARAPUR MIDC, BOISAR

1b. Authorization Number
MPCB/16/09171/ROT/TR-1/83/12

Date of issue
Jul 15, 2016

Date of validity of consent
Apr 30, 2021

2. Name of the authorised person
MR. MILIND A. PATIL

Full address of authorised person
PLOT NO.G-59, TARAPUR MIDC, BOISAR

Telephone
9923585099

Fax
02525-307879

Email
milind.patil@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)	1200.00	442.64	MT/A
Chemical ,Petrochemical &Electrochemical	FATTY ALCOHOL SULPHATES (COLOR NEEDLES)	2400.00	527.44	MT/A
Chemical ,Petrochemical &Electrochemical	FATTY ALCOHOL SULPHATES (LIQUID)	576.00	535.03	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	1.50	0.780	MTA
35.1 Exhaust Air or Gas cleaning residue	Flue gas cleaning residue	0.40	0.310	MTA
35.3 Chemical sludge from waste water treatment	ETP Sludge	2.00	1.50	MTA

2. Quantity dispatched category wise.

Type of Waste	*Quantity of waste*	*UOM*	*Dispatched to*	*Facility Name*
5.1 Used or spent oil	0.780	MTA	Disposal Facility	MWML
35.1 Exhaust Air or Gas cleaning residue	0.310	MTA	Disposal Facility	MWML
35.3 Chemical sludge from waste water treatment	1.56	MTA	Disposal Facility	MWML

3. Quantity Utilised in-house,If any

Type of Waste	*Name of Waste*	*Quantity of Waste*	*UOM*

	NA	0	KL/Anum

4. Quantity in storage at the end of the year

Type of Waste	*Name of Waste*	*Quantity of Waste*	*UOM*
	NA	0	KL/Anum

PART B: To be filled bt Treatment,storage, and disposal facility operators

1.Total Quantity received	*UOM*	*State Name*
NA	KL/Anum	Other

2. Quantity in stock at the beginning of the year	*UOM*
NA	KL/Anum

3. Quantity treated	*UOM*
NA	KL/Anum

4. Quantity disposed in landfills as such and after treatment

Direct landfilling	*UOM*
NA	KL/Anum

Landfill after treatment	*UOM*
NA	KL/Anum

5. Quantity incinerated (if applicable)	*UOM*
NA	KL/Anum

6. Quantiry processed other than specified above	*UOM*
NA	KL/Anum

7. Quantity in storage at the end of the year.	*UOM*
NA	KL/Anum

PART C: To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year

Waste Name/Category	*Country Name*	*State Name*	*Quantity of waste received from domestic sources*	*Quantity of waste imported(If any)*	*Units*
NA	India	Other	NA	NA	KL/Anum

2. Quantity in stock at the beginning of the year

Waste Name/Category	*Quantity*	*UOM*
NA	NA	KL/Anum

3. Quantity of waste recycled or co-procesed or used

Name of Waste	*Type of Waste*	*Quantity*	*UOM*
NA	NA	NA	KL/Anum

4. Quantity of products dispatched (wherever applicable)

Name of product	*Quantity*	*UOM*
NA	NA	KL/Anum

5. Total quantity of waste generated

Waste name/category	*quantity*	*UOM*
NA	NA	KL/Anum

6. Total quantity of waste disposed

Waste name/category	*quantity*	*UOM*
NA	NA	KL/Anum

7. Total quantity of waste re-exported (If Applicable)

Waste name/category	*quantity*	*UOM*
NA	NA	KL/Anum

8. Quantity in storage at the end of the year

Waste name/category	***quantity***	***UOM***
NA	NA	KL/Anum

Personal Details

Place	***Date***	***Designation***
TARAPUR	2020-06-18	MANAGER - SHE