

Galaxy Surfactants Ltd.

13.1.2021

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

Dear Sir,

Subject: Compliance report of Environment Clearance

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

Please find attached half yearly compliance report from July 2020 to December 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

Shamsundar Gawade

Sr. Manager - Corporate Governance Process

Encl: As above

: 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: July 2020 – December 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	2
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	100	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	HCI 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.

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

Sr.No.	Conditions	Compliance Status
l	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.	 No trade effluent discharge in respect of existing production. 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 is being carried out on regular basis and the records are maintained as per Factories Act. Due to Covid-19, Health checkup was postponed and completed in the month of December 2020.
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.	The project is under progress and it will be a ZLD Unit. Entire effluent will be reused by recycling through ETP with Primary, Secondary & Tertiary treatment with RO & MEE & ATFD.

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		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.
ΧI	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 postponed and completed in the month of December 2020.
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	We have received EC for the proposed project on 4.5.2018.
	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. 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 4 Cr towards procurement of all the ETP and scrubber system as on 31.12.2020.
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	Half yearly Reports are submitted.

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XXII	A copy of the clearance letter shall be sent by	Noted and will be complied whenever
	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.	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 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.	

For Galaxy Surfactants Limited

Shamsundar Gawade

Sr. Manager – Corporate Governance Process



SIX MONTHLY COMPLIANCE REPORT PART I: DATA SHEET

(Period: July 2020 - December 2020)

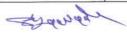
Project

: 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	 Amenity Block - 388.22 SQ.M. Dock Leveler - 24.62 SQ.M. Drum Shed - 162.45 SQ.M. Drum Yard & Scrap Yard - 100.0 SQ.M. ETP - 1109.01 SQ.M. FO Tank - 47.50 SQ.M. Plant Building - 5842.46 SQ.M. Pump Room - 66.31 SQ.M. Unloading Shed - 163.16 SQ.M. Utility Building - 716.78 SQ.M. 			



		Total Proposed Area – 8620.5 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 MID allotted plot.
9	Financial Details	
	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 environment management plans is for Rs.4.75 Crore The details of the above said funds a given below in rupees 1. ETP (Civil costs of Aeration tank 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, whave utilized 4 Cr towards procurement of all the ETP and scrubber system as constitutions.
	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.55/- Crores as on 31.12.2020
	c) Actual expenditure incurred on the environmental management plans so far	Rs.4/- Crores as on 31.12.2020
10	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	N.A.
11	afforestation, if any 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	
	 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.
	 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

Shamsundar Gawade

Sr. Manager – Corporate Governance Process



Annexure-B (collectively)

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. (f) : (91-22) 2583-3321 / 2583-3322 / 2583-3323 / 2583-3324 • E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

SAVE UP

Gazetted By Ministry of Environment, Forest & Climate Change, Boxt 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

				2011			
Report No.	SEETLZ	200000633		Report Date		30/07/2020	
Name of Client	M/s. G	ialaxy Surfactants	Limited				
Address of Client	Plot No	o. G-59, MIDC Tara	pur, Boisar T	al. & Dist. Pa	lghar, F	Pin : 401506, Mahara	shtra.
Order / Reference	45001	13025 Dated 17.06	5.2020				
Date Of sampling	23/07/	/2020	Sample	Receipt Date		24/07/2020	
Analysis Started on	25/07/	/2020	Analysis	Completed (On	30/07/2020	
ULR No.	-						
Sample Collected By	SEETL	Representative	Sampling	SOP No.		SEETL/LD/SOP/AA-32	
Environmental Condition	n of Lab		Temperature (°C) 24.9		Humidity (%)	53	
		DETA	ILS OF STACE	Κ			
Attached To		Needle Plant Bl	lower				
Shape		Round	Round				
Diameter (mm)		150					
Height From Ground Level (Mtr)		15 Mtr.					
Temperature (°C) 33		33	The state of the s				
Velocity of Flue Gases (m/sec) 4.05							
Volume of Flue Gases (m³/hour) 257.39							
Type of Fuel		Electricity					

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
ТРМ	42	mg/Nm³	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/Nm³	-	IS 11255 Part 7-2005 Reaff. 2012
*O ₂	ND	%	121	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.

Authorized Signatory Priti Thombare

Pymon .



Flot No. A-CS, Road No. 15, Nasan Nagar Road, M.LD.C. Wagle industrial Area, Thane 400 604. Maintenshira State, redia (d) 1(a) 22) 2583 3321 (2583 3322 / 2583 3323 / 2583 3324 ● E-mail , pra@sadekarenviro.com / psodokar5@gmaxl.com

Lab accredited by NABL Valid up to 26 03 2020 * Certified by ISO 9001 2015 & BS CHSAS 18601 2017

Report No.	SEETL2	200000632		Report Da	te	30/07/2020	
Name of Client	M/s. G	alaxy Surfactants	Limited				
Address of Client	Plot No	o. G-59, MIDC Tara	apur, Boisar Tal.	& Dist. Pa	lghar, P	in : 401506, Mahara	shtra
Order / Reference	45001	13025 Dated 17.08	6.2020				
Date Of sampling	23/07/	2020	Sample Rec	eipt Date		24/07/2020	
Analysis Started on	25/07/	2020	Analysis Co	Analysis Completed On 30/07/2020		30/07/2020	
ULR No.	-						
Sample Collected By	SEETL	Representative	Sampling S	OP No.		SEETL/LD/SOP/AA-32	
Environmental Condition	of Lab		Temperat	ture (°C)	24.9	Humidity (%)	53
		DETA	ILS OF STACK				
Attached To		DG 250 KVA					
Shape		Round	ound				
Diameter (mm)		150	150				
Height From Ground Level (Mtr)		6.0 Mtr. Above the roof					
Temperature (°C) 180		180	180				
Velocity of Flue Gases (n	n/sec)	12.59	12.59				
Volume of Flue Gases (m	n³/hour)	801.04					
Type of Fuel HSD							

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	44	mg/Nm ³	150.00	IS 11255 Part 1-1985 Reaff.2014
SO ₂	6.5	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO _x	11	mg/Nm ³	-	IS 11255 Part 7-2005 Reaff. 2012
*O ₂	15.1	%	-	EPA Method-3A 1997
*CO ₂	5.5	%	-	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.

Pymry Authorized Signatory Priti Thombare

BRANCH OFF. ± 316, Dempo Towers, EDC Patto, Pagaji-100 001. Goa State, India & 1 (0832) 2437016 / 2437164

Langit sadekarenviro@tedifimail.com •

LABORATORY

ii-306/307, Plot No. 61, Parts Estate, Peis Miscos, Verem, Alto, Old Betim Boad, Barriez, Perverim, Panaji Gos-403-101, Cara State. India, 6 : (0032) 24:13227 21 * E-mail : starlabgoa@rediffmail.com * CIN No. 145209M:11998PTC-116379

Plot No. A-45, Road No. 16, Kisan Nagar Road, M.LD.C. World: Insustrative at Thans. 460 604, Mahareshtre State, India. ₹ (41.22) 3583 8324 / 2583 3322 / 2583 3323 / 2583 3324 € Cerca - ins@eddstareavire.com / peadstar6@gmai.com

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Report No.	SEETL2	00000631		Report	Date	30/07/2020	
Name of Client		alaxy Surfactants					
Address of Client	Plot No	o. G-59, MIDC Tara	pur, Boisar Tal. 8	& Dist. Pa	lghar, P	in : 401506, Mahara	shtra.
Order / Reference	450011	500113025 Dated 17.06.2020					
Date Of sampling	23/07/	2020	Sample Reco	Sample Receipt Date		24/07/2020	
Analysis Started on	25/07/2020		Analysis Cor	Completed On		30/07/2020	
ULR No.	-						
Sample Collected By	SEETL	Representative	Sampling St	OP No.		SEETL/LD/SOP/AA-	-32
Environmental Condition	Environmental Condition of Lab		Temperatu	ure (°C)	24.9	Humidity (%)	53
-	-	DETA	ILS OF STACK				
Attached To		HAG					
Shape		Round					
Diameter (mm)		450					
Height From Ground Lev	el (Mtr)	25 Mtr.					
Temperature (°C)		155	*****				
Velocity of Flue Gases (n	n/sec)	4.54					
Volume of Flue Gases (n	n³/hour)	2602.01					
Type of Fuel Furnace Oil							

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	53	mg/Nm³	150.00	IS 11255 Part 1-1985 Reaff.2014
50,	14	Kg/Day	İ	IS 11255 Part 2-1985 Reaff.2014
NO _x	17	mg/Nm³	-	IS 11255 Part 7-2005 Reaff. 2012
*O ₂	8.1	%	-	EPA Method-3A 1997
*CO ₂	11.3	%	-	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.

Authorized Signatory
Priti Thombare

BRANCH OFF. : 310 Dempo Towers, EDC Palio, Panagi 405 907, Gos State India (*); (0832) 2437/948 / 2437/948

LABORATORY: S-306/307, Plot No. 61: Putet Estats: Reis Strates, Verent, Allo, Old Setim Road, Bandett, Porvorim, Panaji-Gos-403:101.

Gos State: india: (** (0832) 2414327 / 23 * 1 - mail: starlabgoa@rediffmail.com * CiN No. U45209MH1998PTC-116379



Plot No. A 95, Road No. 16, Kisan Natial Road, M.L.F.C. Wagle Industrial Area, Thane 400 604, Mahareshira State, India (c) : (91-22) 2583 332 (72583 3322 / 2583 3323 : 2583 332 (€ L-mail: preigradekarenviro.com / pradekar6@gmail.com

the company and the period of the Contract of

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	CEETIO	000000034		Donort Do	**	30/07/2020	
Report No.		00000634		Report Da	ie	30/07/2020	
Name of Client		alaxy Surfactants					
Address of Client	Plot No	o. G-59, MIDC Tara	pur, Boisar Ta	al. & Dist. Pa	Ighar, P	in : 401506, Mahara	shtra.
Order / Reference	45001	13025 Dated 17.06	5.2020				
Date Of sampling	23/07/	23/07/2020		le Receipt Date		24/07/2020	
Analysis Started on	25/07/	25/07/2020		is Completed On		30/07/2020	
ULR No.	-						
Sample Collected By	SEETL	SEETL Representative		g SOP No.	STATE STATE STATE OF	SEETL/LD/SOP/AA-	32
Environmental Condition	of Lab		Temper	rature (°C)	24.9	Humidity (%)	53
H-1		DETA	ILS OF STACK				
Attached To		SDP Plant Blow	er				
Shape		Round					
Diameter (mm)		150					
Height From Ground Lev	el (Mtr)	15 Mtr.					
Temperature (°C)		33					
Velocity of Flue Gases (n	n/sec)	5.01					
Volume of Flue Gases (n	n³/hour)	318.01					
Type of Fuel		Electricity					

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	47	mg/Nm³	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/Nm³	-	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.

@Jhmm! Authorized Signatory Priti Thombare

BRANCH OFF. . 310, Dempo Towers, EDC Patto, Pauzij-103 001. Gos State, India © : (0832) 2437048 / 2437164 E-mail : sadekarenvim@redffmeil.com •

LABORATORY : 1-366/307, Plot No. 61, Patel Estate, Neis Magos, Venera, Alio, Old Boum Road, Bandez, Porvorim, Panaji Geo 403 101. God State India, € : (9832) 2411322 / 23 * 1 -mail : startabgod@ediffmail.com ± CIN No. U45209M411998PTC-116379



Pior Do Setty, Book Dr. 18, Firsin Nagar Road, M.LD C. Wagle Industrial Area, Thanks 1400-004, Mishan, Ahtra Stote, India. Co., pp. 179-2881, 1721 / 2583-3321 / 2583-3321 / 2583-3321 / E-mail. pra@sidekarenziro.com / postdokar5@gmail.com

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Lab. (if or-nitred by NABL Valid up to 26.03.2020 ★ Certified by ISO 9001 2015 # BS OHSAS 18001 2007

Report No.	SEETL2	00000635		Report Date		30/07/2020	
Name of Client	M/s. G	alaxy Surfactants	Limited				
Address of Client	Plot No	lot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin: 401506, Maharas					shtra.
Order / Reference	45001	0113025 Dated 17.06.2020					
Date Of sampling	23/07/	23/07/2020		Sample Receipt Date		24/07/2020	
Analysis Started on	25/07/2020		Analysis	Completed (30/07/2020		
ULR No.	-						
Sample Collected By	SEETL	SEETL Representative		Sampling SOP No.		SEETL/LD/SOP/AA-32	
Environmental Condition	n of Lab		Tempe	erature (°C)	24.9	Humidity (%)	53
		DETA	ILS OF STACE	К	+		
Attached To		Spray Dryer (Po	wder Blowe	r SDP Chimn	ey)		
Shape		Round					
Diameter (mm)		520					
Height From Ground Level (Mtr) 25 Mtr.							
Temperature (°C)	emperature (°C) 90						
Velocity of Flue Gases (n		2.83					
Volume of Flue Gases (n	n³/hour)	2166				-40-	
Type of Fuel Electricity							

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method	
TPM	47	mg/Nm³	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/Nm³	-	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.

Authorized Signatory
Priti Thombare

BRANCH OFF : 3.10 Compo fewers, EDC Patto, Panaji-403.801, Gos State, Index O : (IBS2) 243-048 / 2437164 E-mail: suddecree-viro@redtifmail.com *

LABORATORY 11. 498/107, Proi No. 61, Palet Estate, Reis Magos, Verent, Alio. Olo Selim. Road, Sal fee. Prevoirm, Pariaji-Gou-403-101.

+ are State, India. 7 : (0632) 2411322 / 23 * E-mail.; starlabgoa@r-caffmail.com * CT4 No. U45/209MH1998PTC-416379



Plot No. A-96, Ruad No. 16, Kisan Nagar Road, M.LD.C. Wagle Industrial Area. Thanc - 400 604, Baller million State, India. (C : (91-22) 2583-3321 / 2583-3322 / 2583-3323 / 2583-3324 ◆ E-mail . pra@sadekarenviro.com / vc.xdekar5@gmail.com

SANGULAR SANGULA

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Report No.	SEETL2	00001444	Report Date	07/10/2020		
Name of Client	M/s. G	alaxy Surfactants				
Address of Client	Plot No	. G-59, MIDC Tara	pur, Boisar Tal. & Dist. Palghar,	Pin: 401506, Maharashtra.		
Order / Reference	450011	3025 Dated 17.06	.2020			
Date Of sampling	29/09/2020		Sample Receipt Date	30/09/2020		
Analysis Started on	01/10/2020		Analysis Completed On	07/10/2020		
ULR No.				1 = = = 1		
Sample Collected By	SEETL Representative		Sampling SOP No.	SEETL/LD/SOP/AA-32		
Environmental Condition of Lab			Temperature (°C) 24.	9 Humidity (%) 53		
		DETA	ILS OF STACK			
Attached To		Spray Dryer (Po	owder Blower SDP Chimney)			
Shape		Round				
Diameter (mm)		520				
Height From Ground Lev	vel (Mtr)	25 Mtr.				
Temperature (°C)		86				
Velocity of Flue Gases (1		2.82				
Volume of Flue Gases (r	n³/hour)	2153.73				
Type of Fuel Electricity						

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	45	mg/Nm³	150.00	IS 11255 Part 1-1985 Reaff.2014
50,	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO _x	ND	mg/Nm ³	1 -	IS 11255 Part 7-2005 Reaff. 2012
0 — —	ND	%	-	EPA Method-3A 1997
CO ₁	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.

4) ND- Not Detected.

Authorized Signatory Nilesh Naik

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LABORATORY: 8-306/307. Plot No. 61, Patel Estate, Reis Magos, Verem, Alto, Old Betim Road, Baidez, Porvorim, Pamiji-Goa-403-101, Con State, Indie: C : (0832) 2411322 / 23 * F. maii : starlabgos@rediffmail.com * CBFN: U45209MH1998PTC-116379



Piet No. A-95, Rono No., 16, Kissie Roger Rose, M.I.D.C. Wagte industrial Area. Fhane - 400 604, Mcharashtra State, India. (C.: (81.22) 2583-332 / 2583-3322 / 2583-3322 / 2583-3324 ◆ E-mail : prs@sadekaranviro.com / ps.dekar5@gmail.com

1000

Gezetiad Ny Ministry of Environment & Porost Govt Of INDIA, S. O. 857 (E), Valid upon 25.02/2023 * OCHNARET. Accredited EIA Consultancy

Report No.	SEETLZ	00001443	Re	eport Dat	e _ 0	7/10/2020	
Name of Client	M/s. G	alaxy Surfactants !	Limited		-		
Address of Client	Plot No	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pi				: 401506, Maharasi	itra.
Order / Reference	450011	3025 Dated 17.06	.2020				
Date Of sampling	29/09/	2020		Sample Receipt Date		30/09/2020	
Analysis Started on	01/10/	2020	Analysis Com	npleted O)n (07/10/2020	
ULR No.	-				_	SEETL/LD/SOP/AA-3	2
Sample Collected By	SEETL Representative		Sampling SC				1
Environmental Conditio	n of Lab		Temperatu	ire (°C)	24.9	Humidity (%)	53
		DETA	ILS OF STACK				
Attached To		SDP Plant Blow	er				
Shape		Round					
Diameter (mm)		150					-
Height From Ground Lev	vel (Mtr)	15 Mtr.					_
Temperature (°C)		33			-		_
Velocity of Flue Gases (m/ <u>se</u> c)	5.01		18	-		
Volume of Flue Gases (r	n³/hour)	318.20	· · · · · · · · · · · · · · · · · · ·				-
Type of Fuel		Electricity			_ —		_

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	39	mg/Nm ³	150.00	IS 11255 Part 1-1985 Reaff.2014
SO ₂	ND ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO _x	ND ND	mg/Nm ³	-	IS 11255 Part 7-2005 Reaff. 2012
	ND ND	%	-	EPA Method-3A 1997
	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.

Authorized Signatory Nilesh Naik

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		# y 7 % 7 % 0 code; c 5 % % o code; c 5 % o co	IS TEST REPORT				
Report No.	SEETL2	SEETL200001442 Report Date 07/10/2020					
Name of Client	M/s. G	alaxy Surfactants					
Address of Client	Plot No	. G-59, MIDC Tara	pur, Boisar Tal. & Dist. Pa	alghar, P	in : 401506, Mahara	shtra.	
Order / Reference	450011	3025 Dated 17.06	5.2020				
Date Of sampling	29/09/	2020	Sample Receipt Date		30/09/2020	· ·	
Analysis Started on	01/10/	2020	Analysis Completed	On	07/10/2020		
ULR No.	-	1000 /AA 22					
Sample Collected By	SEETL	Representative	Sampling SOP No.	-	SEETL/LD/SOP/AA-	1	
Environmental Condition	n of Lab		Temperature (°C)	24.9	Humidity (%)	53	
		DETA	ILS OF STACK	100			
Attached To		Needle Plant B	lower	- 202		-	
Shape		Round					
Diameter (mm)		150					
Height From Ground Lev	vel (Mtr)	15 Mtr.				-	
Temperature (°C)		33					
Velocity of Flue Gases (r		4.05		199	N-	12	
Volume of Flue Gases (r	n ³ /hour)	257.41		S. 3.5840		-	
Type of Fuel		Electricity		_			

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
1PM	41	mg/Nm³	150.00	IS 11255 Part 1-1985 Reaff.2014
	ND	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO _x	ND	mg/Nm ³	-	IS 11255 Part 7-2005 Reaff. 2012
0,	ND	%	<u> </u>	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.

Authorized Signatory Nilesh Naik

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		ANALYS	IS TEST REPOR	Т					
Report No.	SEETL2	00001441		Report Da	ite	07/10/2020			
Name of Client	M/s. G	alaxy Surfactants	Limited				2.00		
Address of Client	Plot No	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin: 401506, Maharashtra.							
Order / Reference		3025 Dated 17.06							
Date Of sampling	29/09/2020		Sample Re	ceipt Date		30/09/2020			
Analysis Started on	01/10/2020		Analysis Co	nalysis Completed On 07/10/2020					
ULR No.	-								
Sample Collected By	SEETL Representative		Sampling S	SOP No.		SEETL/LD/SOP/AA-	32		
Environmental Condition	n of Lab		Tempera	ature (°C)	24.9	Humidity (%)	53		
Ellalloumental contains	-	DETA	ILS OF STACK				_		
Attached To		DG 250 KVA					-		
Shape		Round			_				
Diameter (mm)		150			<u> </u>				
Height From Ground Lev	el (Mtr)	6.0 Mtr. Above	the roof						
Temperature (°C)		172							
Velocity of Flue Gases (r	n/sec)	12.42							
Volume of Flue Gases (r		789.92							
Type of Fuel		HSD							

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	43	mg/Nm³	150.00	IS 11255 Part 1-1985 Reaff.2014
_{SO₂}	7.0	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO _x	14	mg/Nm³	-	IS 11255 Part 7-2005 Reaff. 2012
0-	16.3	%	-	EPA Method-3A 1997
CO,	5.3	%	-	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.

Authorized Signatory Nilesh Naik

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Ptot No. A 95, Rosid No. 16, Kissin Nagar Road, M.LD.C. Whyte Industrial Arca, Thane - 400 604, Maharashtra Strike, India. ₹ : (91-22) 2583 3321 / 2583 3322 / 2583 3323 / 2585 3324 € E-mail : prs@sadekarenviro.com / psadekar5@gmail.com

THAT I BE

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		ANALYSI	S TEST REPORT						
Report No.	SEETL2	00001440		Report	Date	07/10/2020			
Name of Client	M/s. G	alaxy Surfactants	Limited						
Address of Client	Plot No	Plot No. G-59, MIDC Tarapur, Boisar Tal. & Dist. Palghar, Pin: 401506, Maharashtra.							
Order / Reference	450011	3025 Dated 17.06	.2020						
Date Of sampling	29/09/2020		Sample Receipt Date		30/09/2020				
Analysis Started on	01/10/2020		Analysis Com	s Completed On		07/10/2020			
ULR No.	-								
Sample Collected By	SEETL Representative		Sampling SO	P No.	,	SEETL/LD/SOP/AA			
Environmental Condition	n of Lab		Temperatur	re (°C)	24.9	Humidity (%)	53		
	-	DETA	ILS OF STACK						
Attached To	-	HAG							
Shape		Round					_		
Diameter (mm)		450			11/2	<u> </u>	-		
Height From Ground Lev	vel (Mtr)	25 Mtr	25 Mtr						
Temperature (°C)		142	142						
Velocity of Flue Gases (r	n/sec)	4.44							
Volume of Flue Gases (r	n³/hour)	2543.24							
Type of Fuel		Furnace Oil					-		

POLLUTIONAL PARAMETERS

Parameters	Result	Units	MPCB Limit	Method
TPM	50	mg/Nm³	150.00	IS 11255 Part 1-1985 Reaff.2014
SO ₂	15	Kg/Day	-	IS 11255 Part 2-1985 Reaff.2014
NO _x	15	mg/Nm³	-	IS 11255 Part 7-2005 Reaff. 2012
02	8.3	%	-	EPA Method-3A 1997
CO ₂	11.8	%		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.

Authorized Signatory Nilesh Naik

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Report No		SEETL200000	477		Report	Date	07/07/202	20
Name of Client		M/s. Galaxy S	urfactants	Ltd.		,		
Address of Client				rapur, Tal & Dis	t. Palghai	- 40150	6.	
Order / Reference		P.O. No: 450	0113025 Da	te - 17/06/202	0			
Date Of sampling		30/06/2020		Sample Rec	eipt Date		01/07/2020	
Analysis Started or	n	02/07/2020		Analysis Co	mpleted	On	07/07/2020	
ULR No.		-						
Sample Collected 8	Зу	SEETL Repres	epresentative					
Sampling Plan		SEETL/LD/F-0	3	Sampling S	OP No.		SEETL/LD/SOP/A	4-32
Environmental Cor	ndition of	f Lab		Temperatur	e(°C)	27.6	Humidity (%)	47
			AMBIEN	T AIR STATION				•
Location of H.V.S.	***************************************	Near Nebula	Plant (G-59) Main Gate				
Lateral Distance		5.0 Meter fro						
Receptor Distance		1.5 Meters Fr	om Ground					
Ambient Temperature(°C) 30				Humidity		rodro.	72	
Wind Speed (km/h	3	1-20-	Wind Dir			WNW,239		
Instruments Used	THE SECOND	R.D.S.(APM-		APM - 550) & C		M 411		
	·			AL PARAMETE	RS			
Parameters	Resu	lt Units	NAAQS Limits			Meth		
PM ₁₀	61	μg/m³	100.00	IS 5182 (Part				
PM _{2.5}	29	μg/m³	60.00	EPA Quality a on CPCB- 201		guidano	e document 2.12,	based
SO ₂	18	μg/m³	80.00	IS 5182 (Part	2): 2001	RA 201	2)	
NO _x	24	μg/m³	80.00	IS 5182 (Part	6): 2006	RA 201	2)	
Ozone (O ₃)	22	μg/m³	180.00	IS 5182 (Part	IX): 1974			
со	0.9	mg/m³	04.00	NDIR IS 5182	(Part 10)	C: 1999	(RA 2014)	
Ammonia (NH ₃)	< 20	μg/m³	400.00	Method No. 4 analysis-3 rd e			thods of Air Sampl e	ing and
Lead as Pb	< 0.1	μg/m³	01.00	EPA compend	lium met	hod IO	3.5	
Benzene (C ₆ H ₆)	< 1	μg/m³	5.00	IS 5182 (Part				
Arsenic(As)	< 5	ng/m³	6.00	EPA compend	lium met	hod IO 3	3.5	189.0
Nickel(Ni)	< 5	ng/m³	20.00	EPA compend	lium met	hod 10 3	3.5	
	+		-					

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

1.00

- 2) The above results relate only to the item tested.
- 3) PM₁₀-Particulate Matter of size < 10 μm

< 0.025

- 4) PM₂₅ Particulate Matter of size < 2.5 μm
- 5) NAAQS-National Ambient Air Quality Standards

ng/m³

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

Checked by Nilesh Naik

Authorized Signatory Priti Thombare

Benzo(a)Pyrene

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IS 5182 (Part 12): 2004 (RA 2014)



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Report No.		SEETL200000		T AIR QUALITY MON		30/07/2020				
Name of Client	*******	M/s. Galaxy S								
					& [Dist. Palghar, Pin: 40150				
Address of Client		4500113025 I	Dated 17 06	2020		7.50				
Order / Reference			Jated 17.00	Sample Receipt Dat	24/07/2020					
Date Of sampling		23/07/2020		Analysis Completed		30/07/2020				
Analysis Started on		25/07/2020		Analysis completed	-	30/01/2020				
ULR No.		CEETI D		Campling COD No	-	SEETL/LD/SOP/AA-32				
Sample Collected B		SEETL Representative		Sampling SOP No.	T 24.0	L				
Environmental Con	dition of	Lab								
			AMBIENT A	AIR STATION						
Location of H.V.S.		Near ETP								
Lateral Distance		5.0 Meter fro		t accel						
Receptor Distance		1.5 Meters Fr	om Ground			72				
Ambient Temperat		27		Humidity (%) Wind Direction (de	₀ 01	NE,33°				
Wind Speed (km/h	r)	11	10) FDC(APM - 550) & G.P.S.(
Instruments Used	41175 16			PARAMETERS	WL IA:	411)				
	1		NAAQS	TARAMETERS						
Parameters	Resul	t Units	Limits		M	ethod				
PM ₁₀	52	μg/m³	100.00	IS 5182 (Part 23):						
PM _{2.5}	19	μg/m³	60.00	based on CPCB- 20	11	idance document 2.12,				
SO ₂	17	μg/m³	80.00	IS 5182 (Part 2): 20						
NO _x	25	μg/m³	80.00	IS 5182 (Part 6): 20	06 (R	A 2012)				
Ammonia (NH ₃)	<20	μg/m³	400.00	Method No. 401 B and analysis-3 rd ed	ased o ition b	n Methods of Air Sampling y J P Lodge				
CO	0.52	mg/m³	04.00	NDIR IS 5182 (Part						
Lead as Pb	<0.10	μg/m³	01.00	EPA compendium						
Benzene (C ₆ H ₆)	<1	μg/m³	5.00	IS 5182 (Part 11) :2						
Arsenic(As)	<5	ng/m³	6.00	EPA compendium						
Nickel(Ni)	<5	ng/m³	20.00	EPA compendium	metho	d IO 3.5				
Ozone (O ₃)	13	μg/m ³	180.00	IS 5182 (Part IX): 1	974					
Benzo(a)Pyrene	<0.025		1.00	IS 5182 (Part 12): 2	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) PM₁₀-Particulate Matter of size < 10 µm
- 4) PM_{2.5} Particulate Matter of size < 2.5 μm .
- 5) NAAQS-National Ambient Air Quality Standards.

Authorized Signatory Priti Thombare

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Lab decredited by NABL Valid up to 26.03 2020 * Certified by ISO 9061 2015 5 BS ORSAS 18061 2007

		SEETL2000000	528	Report D	ate	30/	07/2020		
Report No.					utc.	307	0772020		
Name of Client		M/s. Galaxy S			0 0	Niet.	Dalabar D	in: 401	506
Address of Client				Tarapur, Boisar Tal.	OL L	7151.	Paignai, r	111. 401	.500
Order / Reference		4500113025	Dated 17.06			24	107/2020		
Date Of sampling		23/07/2020		Sample Receipt Date					
Analysis Started or	1	25/07/2020		Analysis Completed On 30/07/2020					-
ULR No.		-				F			
Sample Collected E	Зу	SEETL Representative		Sampling SOP No.		1	TL/LD/SOP/	- 1	
Environmental Cor	ndition of	Lab	Temperature (°C) 24.9 Humidity (
			AMBIENT A	IR STATION					
Location of H.V.S.	_	Near Main Se	curity Gate		**			-144	
Lateral Distance		5.0 Meter fro	m Main Sec	urity Gate					-
Receptor Distance		1.5 Meters Fr	om Ground						
Ambient Temperat	ture (°C)	27		Humidity (%)		72		1/2-100	
Wind Speed (km/h	ır)	11		Wind Direction (deg			E,33 ⁰		_
Instruments Used				APM - 550) & G.P.S.(A	APM -	411)		
		PC		LPARAMETERS		_			
Parameters	Resul	t Units	NAAQS Limits	i ivietiiou					
PM ₁₀	58	μg/m³	100.00	IS 5182 (Part 23): 2					
PM _{2.5}	22	μg/m³	60.00	EPA Quality assurant based on CPCB- 201		idan	ce documen	t 2.12,	
SO ₂	15	μg/m³	80.00	IS 5182 (Part 2): 20	01 (R	4 20	12)		
NO _x	26	μg/m³	80.00	IS 5182 (Part 6): 20					
Ammonia (NH₃)	<20	μg/m³	400.00	Method No. 401 Ba and analysis-3 rd edi	ased o	n Me y J P	ethods of Air Lodge	Sampli	ng
со	0.7	mg/m³	04.00	NDIR IS 5182 (Part					
Lead as Pb	<0.10		01.00	EPA compendium r	metho	d IO	3.5		
Benzene (C ₆ H ₆)	<1	μg/m³	5.00	IS 5182 (Part 11) :2					
Arsenic(As)	<5	ng/m³	6.00	EPA compendium r	netho	d 10	3.5		
Nickel(Ni)	<5	ng/m³	20.00	EPA compendium r	metho	d 10	3.5		-
Ozone (O ₃)	16	μg/m³	180.00	IS 5182 (Part IX): 19	974				
Benzo(a)Pyrene	<0.025		1.00	IS 5182 (Part 12): 2	-	RA 2	2014)		-0.00
Delizo(a)r yrene	10.02.	119/11		10020-1	47				

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) PM₁₀-Particulate Matter of size < 10 μm.
- 4) PM_{2.5} Particulate Matter of size < 2.5 μm.
- 5) NAAQS-National Ambient Air Quality Standards.

Authorized Signatory Priti Thombare

LABORATORY : 13 306/307, Pict No. 61, Paiel Estate, Reis Magos, Varem, Alto. Old Betim Read, Bardez, Porvonm, Panaji-Goa-403 401, Goa State, India. 61: 1083212411322 / 23 * E-mail: starlabgoa@rediffmrif.com * C!N No. U45209MH1998PTC-116379



Plot No. A 95, Road No. 16, Kisan Nagar Roxel, M.L.D.C. Wagle Industrial Area. There - 406 694, Medianishine State, India. (C. (91-22) 2583 3321 / 2583 5322 / 2583 3323 / 2583 3324 ● E-mail : prs@sadekmenviro.com / ps.pheser5@gmail.com

SIM WHICH SHIVELLEC

Granded by Waistry of Environment & Forest Covi Of INDIA, S. O. 857 (E), Valid April 36-37-3023 COS-NABET. Accredited EIA Consultancy

	_		ANALYSIS TE					
Report No.	-	SEETL2000014	38	Report Date	07/10/2020			
Name of Client		M/s. Galaxy S	urfactants L	imited				
Address of Client		Plot No. G-5	9, MIDC T	arapur, Boisar Tal. 8	& Dist. Palghar, Pin: 40150			
Order / Reference		4500113025	ated 17.06.	2020				
Date Of sampling		29/09/2020		Sample Receipt Date 30/09/2020				
Analysis Started on	*	01/10/2020		Analysis Completed Or	07/10/2020			
ULR No.		-						
Sample Collected By	/	SEETL Representative		Sampling SOP No.	SEETL/LD/SOP/AA-32			
Environmental Con-		Lab		Temperature (°C) 2	4.9 Humidity (%) 53			
			AMBIENT A	IR STATION				
Location of H.V.S.		Near ETP						
Lateral Distance		5.0 Meter fro	m ETP		-			
Receptor Distance		1.5 Meters Fr	om Ground					
Ambient Temperat	ure (°C)	30		Humidity (%)	68			
Wind Speed (km/h		12		Wind Direction (deg ^c)	N,354 ⁰			
Instruments Used		R.D.S.(APM-	150), F.P.S.(A	APM - 550) & G.P.S.(AP	M - 411)			
		P(PARAMETERS				
Parameters	Resul	t Units	NAAQS Limits	Method				
PM ₁₀	51	µg/m³	100.00	IS 5182 (Part 23): 200	06 (RA 2012)			
PM _{2.5}	17	μg/m³	60.00	based on CPCB- 2011				
50,	16	μg/m³	80.00	IS 5182 (Part 2): 2001				
NO _x	22	μg/m³	80.00	IS 5182 (Part 6): 2006	5 (RA 2012)			
Ammonia (NH ₃)	<20	μg/m³	400.00	and analysis-3 rd edition				
co	0.48	mg/m³	04.00	NDIR IS 5182 (Part 10				
Lead as Pb	<0.10	μg/m³	01.00	EPA compendium me				
Benzene (C ₆ H ₆)	<1	μg/m ³	5.00	IS 5182 (Part 11) :200	06 (RA 2012)			
Arsenic(As)	<5	ng/m³	6.00	EPA compendium me	ethod IO 3.5			
Nickel(Ni)	<5	ng/m³	20.00	EPA compendium method IO 3.5				
Ozone (O ₃)	13	μg/m³	180.00	IS 5182 (Part IX): 1974				
	<0.025		1.00	IS 5182 (Part 12): 200	DA (DA 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.

Authorized Signatory Nilesh Naik

LABORATORY: 3 306/397, Plot No. 61, Patel Estate, Reis Maigos, Verem, Alto, Oki Betiin Road, Bardoz, Porvorint, Panaji-Goa-403 101, Goa State, India, 7 ; (0832) 2411322 / 23 * E-mail: starkbgoa@rediffmail.com * CIN No. U45209MH1998PTC-116379



SAVETHOLER SINCLIFE

Cutation by Minkury of Environment & Forest Govt Of INDIA, S. D. 857 (E), Valid upb.) 20-02/2023 * QCL NABET. Accredited EtA Consultancy

		13	ANALYSIS TI	EST REPORT				
Report No.		SEETL2000014	137	Report Da	ate	07/10/2020		
Name of Client		M/s. Galaxy S	urfactants L	imited				
Address of Client	-	Plot No. G-5	59, MIDC	Tarapur, Boisar Tal.	& Di	st. Palghar, Pin: 401506		
Order / Reference		4500113025	Dated 17.06.	2020	33			
Date Of sampling		29/09/2020		Sample Receipt Date 30/09/2020				
Analysis Started on		01/10/2020		Analysis Completed On 07/10/2020				
ULR No.	000	-						
Sample Collected B	V	SEETL Represe	entative	Sampling SOP No.	SEETL/LD/SOP/AA-32			
Environmental Con	100000000000000000000000000000000000000			Temperature (°C)	24.9	Humidity (%) 53		
LITATION THE TEAT CONT			AMBIENT A	IR STATION				
Location of H.V.S.		Near Main Se			*****			
Lateral Distance	-	5.0 Meter fro		urity Gate				
Receptor Distance		1.5 Meters Fr						
Ambient Temperat	ure (°C)	30		Humidity (%)		68		
Wind Speed (km/hi		12		Wind Direction (deg		N,354 ⁰		
Instruments Used		R.D.S.(APM-	150), F.P.S.(A	APM - 550) & G.P.S.(A	PM-4	411)		
		P	DLLUTIONAL	PARAMETERS				
Parameters	Resul	t Units	NAAQS Limits		0100000	ethod		
PM ₁₀	56	µg/m³	100.00	IS 5182 (Part 23): 2	006 (R	RA 2012)		
PM _{2.5}	20	μg/m³	60.00	EPA Quality assurant based on CPCB- 201		dance document 2.12,		
SO ₂	15	µg/m³	80.00	IS 5182 (Part 2): 200	01 (RA	2012)		
NO _x	23	μg/m³	80.00	IS 5182 (Part 6): 200				
Ammonia (NH ₃)	<20	μg/m³	400.00	and analysis-3 rd edit	tion by			
CO	0.63	mg/m³	04.00	NDIR IS 5182 (Part 1				
Lead as Pb	<0.10	μg/m ³	01.00	EPA compendium m	nethod	1 10 3.5		
Benzene (C ₆ H ₆)	<1	μg/m³	5.00	IS 5182 (Part 11) :20				
Arsenic(As)	<5	ng/m³	6.00	EPA compendium n	nethod	1 10 3.5		
Nickel(Ni)	<5	ng/m³	20.00	EPA compendium n	nethod	1 10 3.5		
Ozone (O ₃)	16	μg/m³	180.00	IS 5182 (Part IX): 19				
Benzo(a)Pyrene	<0.023	ng/m³	1.00	IS 5182 (Part 12): 20	004 (i	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 μ m.

4) PM_{2.5} - Particulate Matter of size < 2.5 μm .

5) NAAQS-National Ambient Air Quality Standards.

Authorized Signatory

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LABORATORY: E-306/307, Plot No. 61, Palel Estate, Reis Magos, Verem, Alto, Old Belim Road, Bardez, Posvorim, Panaji-Goa-403-101, Goa State, India, (C): (0832) 2411322 / 23 * F. mail: startsbgoa@redifferail.com * CIN No. UNS209MR1998PTC-116379



Plot No. A-95, Road No. 16, Kisan Nagar Road, M. D.C. Wagar Industrial Area, Thane - 400 604, Maharashira Stata, India (C. (91-)2) 2583-3321 / 2593-3322 / 2593-3323 - 2553-3324 • 6-mail: pra@sadekarenviro.com / psadekar5@gmail.com

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				ANALYSIS	TEST REPORT				
Report No		SEETI	L/AR/09/20	020/950	Report	Date	07/10/202	0	
Name of Client		M/s.	Galaxy St	urfactants L	td.				
Address of Client		Plot	No. G-59,	M.I.D.C,Tar	apur, Tal & Dist. Palghai	- 40150	6.		
Order / Reference					e - 17/06/2020				
Date Of sampling			9/2020		Sample Receipt Date		01/10/2020		
Analysis Started on			0/2020		Analysis Completed	On	07/10/2020	Dec 10-	
ULR No.		-							
Sample Collected B	y	SEET	L Represe	ntative					
Sampling Plan		SEET	L/LD/F-03	,	Sampling SOP No.	SEETL/LD/SOP/AA	-32		
Environmental Con	dition of	f Lab			Temperature(°C)	Humidity (%)	47		
				AMBIEN"	T AIR STATION				
Location of H.V.S.		Nea	r Nebula	Plant (G-59) Utility Area				
Lateral Distance		5.01	Meter from	n Utility Are	ea				
Receptor Distance		1.5	Meters Fro	om Ground			-		
Ambient Temperat	ture(°C)	30			Humidity (%)		72		
Wind Speed (km/h	(Killylli)				WNW,239				
Instruments Used	The state of the s)				
				1	IAL PARAMETERS				
Parameters	Resu	ult	Units	NAAQS Limits		Meth	nod		
PM ₁₀	60	-2000	μg/m³	100.00	IS 5182 (Part 23): 200				
PM _{2.5}	27		µg/m³	60.00	EPA Quality assurance on CPCB- 2011	guidan	ce document 2.12,	based	
SO ₂	17		μg/m³	80.00	IS 5182 (Part 2): 2001	(RA 201	12)		
NO _x	21		μg/m³	80.00	IS 5182 (Part 6): 2006	(RA 201	12)		
Ozone (O ₃)	21		μg/m³	180.00	IS 5182 (Part IX): 1974				
со	0.92	2	mg/m ³	04.00	NDIR IS 5182 (Part 10				
Ammonia (NH ₃)	< 20)	μg/m³	400.00	Method No. 401 Base analysis-3 rd edition by			ing and	
Lead as Pb	< 0.1	1	μg/m³	01.00	EPA compendium me	thod IO	3.5	- 1000 110	
Benzene (C ₆ H ₆)	< 1	-	μg/m³	5.00	IS 5182 (Part 11) :200				
Arsenic(As)	< 5		ng/m³	6.00	EPA compendium me	thod IO	3.5		
Nickel(Ni)	< 5		ng/m³	20.00	EPA compendium me	thod IO	3.5		
Benzo(a)Pyrene	< 0.03	25	ng/m³	1.00	IS 5182 (Part 12): 200	4 (RA 2	(014)		

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.

Authorized Signatory Nilesh Naik

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: B-306-307, Pict No. 61, Parel Estate. Rels Magos, Verein. Acto. Clid Botim Road, Bardez, Porvoinii, Flansij-Goa 403 (Cl Goa Btate, Indio € (0832) 2411322 (23 * E-final International Gred final comi∗Clid No. U45209MH1998PTC 11837).



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SAVE LUPTER

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				ANALYSIS	S TEST REPORT					
Report No		SEE	TL2100001	40		Report Dat	e	06/01/202	1	
Name of Client		M/	s. Galaxy S	urfactants l	Ltd.					
Address of Client	***	Plot	t No. G-59,	M.I.D.C,Tar	apur, Tal & Dis	t. Palghar- 40	1506	5.		
Order / Reference		P.O	. No: 4500	113025 Da	ate - 17/06/2020					
Date Of sampling		30/	12/2020		Sample Rec	eipt Date		31/12/2020		
Analysis Started or	1	01/	01/2021		Analysis Co	mpleted On		06/01/2021		
ULR No.		-								
Sample Collected 8	Зу	SEE	TL Represe	entative						
Sampling Plan		SEE	TL/LD/F-03	3	Sampling St	Sampling SOP No.		SEETL/LD/SOP/AA	A-32	
Environmental Cor	vironmental Condition of Lab				Temperatur	e(°C) 2	4.6	Humidity (%)	52	
************				AMBIEN	T AIR STATION		4.4		*	
Location of H.V.S.		Nea	ar Nebula	Plant (G-59) Utility Area	***************************************			-	
Lateral Distance		5.0	Meter from	n Utility Are	ea		3705-255			
Receptor Distance 1.5 Meters From Groun				om Ground	Level					
Ambient Tempera	t Temperature(°C) 27				Humidity		Vision S	45		
Wind Speed (km/h	ir)	09			A THE RESERVE OF THE RESERVE OF THE PARTY OF	ection (deg ⁰)				
Instruments Used		R.D			S.(APM - 550) & G.P.S.(APM - 411)					
		Marini			IAL PARAMETE	RS				
Parameters	Resu	ult	Units	NAAQS Limits		N	/leth	od		
PM ₁₀	62		μg/m³	100.00	IS 5182 (Part	23): 2006 (R	A 20	12)	ALCOHOLD THE SEA PA	
PM _{2.5}	28		μg/m³	60.00	ePA Quality a on CPCB- 201		danc	e document 2.12,	based	
SO ₂	20		μg/m³	80.00	IS 5182 (Part	2): 2001 (RA	201	2)		
NO _x	24		μg/m³	80.00	IS 5182 (Part	6): 2006 (RA	201	2)		
Ozone (O ₃)	20		μg/m³	180.00	IS 5182 (Part	IX): 1974				
СО	0.94	1	mg/m ³	04.00	NDIR IS 5182	(Part 10) C :	1999	(RA 2014)		
Ammonia (NH ₃)	< 20)	μg/m³	400.00	Method No. 4 analysis-3 rd e			hods of Air Sampli	ing and	
Lead as Pb	< 0.1	l	μg/m ³	01.00	EPA compend	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	-			
20 20 20 20 20			1 2	1841000800				SCAN TO THE RESERVE OF THE PERSON OF THE PER		

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

5.00

6.00

20.00

1.00

2) The above results relate only to the item tested.

μg/m

ng/m

ng/m3

ng/m³

3) PM_{10} -Particulate Matter of size < 10 μm

< 1

< 5

< 5

< 0.025

Benzene (C₆H₆)

Benzo(a)Pyrene

Arsenic(As)

Nickel(Ni)

- 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 Trupti Mayekar

Authorized Signatory Priti Thombare

IS 5182 (Part 11):2006 (RA 2012)

EPA compendium method IO 3.5

EPA compendium method IO 3.5

IS 5182 (Part 12): 2004 (RA 2014)

Fermatino, SEETL4.D/F-72

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LABORATORY: 18-306/307 Plot No. 61, Parki Estata, Reis Magos, Verem, Alto, Cld Setim Robal, Bardez, Porverior, Pantair Gon-403-10 Gold State, India. 7: 10332, 2411-122; 23 * E-mail: statebook@rediffmai.com * CIN No. U45209MH 1988PTC-116379



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2020

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000026859

22-09-2020

Submitted Date

Company Information

Company Name

Galaxy Surfactants Ltd

Address

Plot no

G-59 MIDC Tarapur

G-59

Capital Investment (In lakhs)

585.44 **Pincode**

401506

Telephone Number

02525307800

Region

SRO-Tarapur I

Last Environmental statement submitted online

Consent Valid Upto

30.04.2021

Application UAN number

1318

Taluka

Palghar

Scale

MSI **Person Name**

Sesha Samba Murty

Fax Number 02525307879

Industry Category

Red

Consent Number

Palghar

Designation Factory Manager

MIDC Tarapur

Email

Village

City

Seshu@galaxysurfactants.com

Industry Type other

Consent Issue Date

MPCB/16/09171/ROT/TR-1/83/12 15.07.2016

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Fatty Alcohol Sulphates/Sulfosuccinate (Powder/Needles)	1200	442.64	MT/A
Fatty Alcohol Sulphate (Needle-Colour)	2400	527.44	MT/A
Fatty Alcohol Sulphates/Fatty Alcohol Ether Sulphate	576	535.03	MT/A

R	/-	n	roc	h	ct	1	nf	or	m	a	ti	n	n
_		ν.		ш	CL		ш	"		ч	u	v	••

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

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day 15	Actual Quantity in m3/day 14.96
Cooling	4	3.85
Domestic	7	6.78
All others	4	3.58
Total	30	29.17

1) Liliaent Gener	ation in CMD / MLD					
Particulars			Consent Quantity	Actual Quant	-	иом
EFFLEUNT GENERA	TION		15	4.4	(CMD
DOMESTIC EFFLEUN	NT		7	3	(CMD
	Process Water Consumpti	ion (cubic meter of				
process water pe Name of Products			During the Previous	During th	e current	иом
	(1.1044011011)		financial Year	Financial		
0			0	0		CMD
3) Raw Material C	Consumption (Consumption	on of raw material				
Name of Raw Mat			During the Previous financial Year	During the Financial y		иом
Caustic soda Lye			0.64	0.38		MT/A
C1214 Alkyl polyglu	ıcoside		6.40	4.41		MT/A
Alkyl polyglucoside	C0814		13.61	8.19		MT/A
FAS Liquid			1695.15	1728.40		MT/A
Galaxy LSS (Paste)	C1216		132.67	192.40		MT/A
Citric acid (MONOH	YDRATE)		2.02	1.44		MT/A
Sodium Sulfate			1.12	0.58		MT/A
4) Fuel Consumpt	tion					
Fuel Name FO		Consent quantity 438	Actual Qua 245.18	nntity	UOM MT/A	
HSD		61	13.14		KL/A	
Pollution dischar	ged to environment/unit	of output (Paramete	r as specified in the cons	sent issued)		
[A] Water Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of P discharged(Mg/Lit) PH,Temp,Colour	Except variation	n from bed standards		
	Quantity	Concentration	%variat	ion	Standard	
pН	NA	6.5-8.5	0		5.5-9.5	NA
TSS	0.034	7.7	0		<100mg/l	NA

	Quantity	Concentration	%variation	Standard	Reason
pH	NA	6.5-8.5	0	5.5-9.5	NA
TSS	0.034	7.7	0	<100mg/l	NA
COD	0.035	8	0	<250mg/l	NA
BOD	0.011	2.4	0	<100mg/l	NA
TDS	0.634	144	0	<2100mg/l	NA
O/G	0.007	1.5	0	<10mg/l	NA
CHLORIDE	0.115	26.2	0	<600mg/l	NA
SULPHATE	0.055	12.6	0	<1000mg/l	NA
SODIUM	0.00	0.008	0	<60%	NA
FREE AMMONIA	0.002	0.05	0	<5mg/l	NA

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Polluta discharged(Mg/NM3)	vai pre sta	rcentage of riation from escribed indards with		
TPM (TFE)	Quantity 10.37	Concentration 53.75		asons variation	Standard <150mg/nm3	Reason NA
SO2 (TFE)	12.25	12.25	0		NS	NA
TPM (SDE)	5.81	50.25	0		<150mg/nm3	NA
SO2(SDE)	ND	ND	0		NS	NA
TPM(SDP BLOWER)	0.92	37.5	0		<150mg/nm3	NA
SO2(SDP BLOWER)	ND	ND	0		NS	NA
TPM(NEEDLE PLANT BLOWER)	0.79	43	0		<150mg/nm3	NA
SO2(NEEDLE PLANT BLOWER)	ND	ND	0		NS	NA
TPM(DG)	7.86	43	0		<150mg/nm3	NA
SO2(DG)	0.02	11	0		NS	NA
2) From Pollution Control F Hazardous Waste Type 35.1 Exhaust Air or Gas cleani		Total During Previous Fina year 0.32		Total During Cui year 0.31	rent Financial	UOM MT/A
35.3 Chemical sludge from wa				1.56		MT/A
SOLID WASTES 1) From Process Non Hazardous Waste Type PVC PAPER BAGS				ing Current Fina	ncial year	ИОМ МТ/А
HDPE DRUM	702		285			Nos./Y
WOODEN PALLATE	418		160			Nos./Y
2) From Pollution Control F						
Non Hazardous Waste Type NA	e Total Duri 0	ing Previous Financial year	r Total 0	During Current	Financial year	UOM MT/A
3) Quantity Recycled or Re	-utilized within the					
unit Waste Type		Total During Previous year	Financial	Total During C year	urrent Financia	I 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.

5.1 Used or spent oil	0.780	MT/A	LIQUID
35.1 Exhaust Air or Gas cleaning residue	0.310	MT/A	SOLID
35.3 Chemical sludge from waste water treatment	1.560	MT/A	SOLID

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
EMPTY BAGS	2.818	MT/A	PAPER BAGS WITH PVC LINER
HDPE DRUM	285	Nos./Y	NA
WOODEN PALLATE	160	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)
Conversion of Fuel for the Boiler from LDO to Natural Gas	NIL	NIL	NIL	NIL	25	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

(Lacks)

NIL NIL NIL

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection Environmental Protection Measures

NIL Capital Investment (Lacks)

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

Ramakant Chaudhary-Manager Corporate Governance



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:

Submitted On:

MPCB-HW_ANNUAL_RETURN-0000014031

18-06-2020

Submitted for Year:

April 2019 to March 2020

1. Name of the generator/operator of facility Address of the unit/facility

GALAXY SURFACTANTS LTD

PLOT NO.G-59, TARAPUR MIDC, BOISAR

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

Date of validity of consent

Jul 15, 2016

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

Fax

Email

9923585099

02525-307879

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 5.1 Used or spent oil	Wate Name Used or spent oil	Consented Quantity 1.50	Quantity 0.780	UOM 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	1.56	MTA	Disposal Facility MWML

3. Quantity Utilised in-house, If any

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

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 NA KL/Anum

3. Quantity treated VOM

NA KL/Anum

4. Quantity disposed in landfills as such and after treatment

Direct landfilling **UOM** KL/Anum NA Landfill after treatment иом NA KL/Anum **UOM** 5. Quantity incinerated (if applicable) 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** KL/Anum NA

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 Quantity of waste Units domestic sources imported(If any)

NA India Other NA NA KL/Anum

2. Quantity in stock at the beginning of the year

Waste Name/CategoryQuantityUOMNANAKL/Anum

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

Name of WasteType of WasteQuantityUOMNANANAKL/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/categoryquantityUOMNANAKL/Anum

6. Total quantity of waste disposed

Waste name/categoryquantityUOMNANAKL/Anum

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

Waste name/categoryquantityUOMNANAKL/Anum

8. Quantity in storage at the end of the year

Waste name/categoryquantityUOMNANAKL/Anum

Personal Details

PlaceDateDesignationTARAPUR2020-06-18MANAGER - SHE