



## Galaxy Surfactants Ltd.

Environment Department  
Room no.217, 2<sup>nd</sup> Floor,  
Mantralaya Annex,  
Mumbai 400032.

17.01.2019

Dear Sir,

**Subject: Compliance report of Environment Clearance**

**Ref : SEIAA Letter No.: SEIAA-EC-000000268 dated 04.05.2018**

Please find attached half yearly compliance report from July 2019 to December 2019, 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

Shamsunder Gawade  
Sr. Manager – Corporate Governance Process

Encl: As above

- CC : 1. Maharashtra Pollution Control Board  
Sub Regional Office Tarapur-I, MIDC office compound  
Tarapur, Post : TAPS, Boisar (W), Tal.Dist. Palghar 401504
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: ecompliance-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.  
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**COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE  
(Period: July 2019 – December 2019)**

**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/Quaternary ammonium compounds/alkanol amides/Glycinates/Amineoxides/betaines/Quaternary 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.

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

<b>Sr.No.</b>	<b>Conditions</b>	<b>Compliance Status</b>
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.
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.

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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 conform 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.	Half yearly health checkup of workers are done on regular basis and the records in Form no. VII are maintained as per Factories Act.
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 break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year wise expenditure should reported to the MPCB and this department.	<p>We have received EC for the proposed project on 4.5.2018.</p> <p>We have budgeted separate funds for environment protection measures. The details of the above said funds are given below in rupees</p> <ol style="list-style-type: none"> <li>1. ETP (Civil costs of Aeration tanks, blowers, MBR, etc. ) = 1.7 Cr</li> <li>2. MEE+ATFD = 1.2 Cr</li> <li>3. RO = 0.6 Cr</li> <li>4. Sludge dryer = 0.3 Cr</li> <li>5. Chimney = 0.2 Cr</li> <li>6. Scrubber = 0.75 Cr</li> </ol> <p>The project is under progress and no fund has been utilized till 31.3.2019. We will ensure that this fund will be utilized only for the environment protection measures/EMP. The year wise breakup will be provided as per EC condition.</p>
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 <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .	Complied.
XXI	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard and soft copies to the MPCB and this department on 1 <sup>st</sup> June and 1 <sup>st</sup> 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 <sub>2</sub> , NO <sub>x</sub> (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 <sup>st</sup> 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



Shamsunder Gawade

Sr. Manager- Corporate Governance Process