



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: May 4, 2018

To,
Mr. Milind Patil
at Plot no - G-59, Tarapur MIDC, Palghar.

Subject: Environment Clearance for Expansion project of M/s Galaxy Surfactants Ltd at Plot no - G-59, Tarapur MIDC, Palghar.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 127th meetings.

2. It is noted that the proposal is considered by SEAC-I under screening category Schedule 5 (f) Category - B1 as per EIA Notification 2006.

Brief Information of the project submitted by you is as below :-

1.Name of Project	M/s Galaxy Surfactants Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Milind Patil
4.Name of Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Plot no - G-59, Tarapur MIDC, Palghar.
9.Taluka	Palghar
10.Village	Kolawade
11.Area of the project	Tarapur MIDC
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable IOD/IOA/Concession/Plan Approval Number: Not Applicable Approved Built-up Area: 9332
13.Note on the initiated work (If applicable)	None.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	20181
16.Deductions	Not applicable
17.Net Plot area	Not applicable

SEIAA Meeting No: 127 Meeting Date: April 27, 2018 (SEIAA-STATEMENT-000000359)
SEIAA-MINUTES-000000403
SEIAA-EC-000000268

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18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): Not applicable
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	1000000000



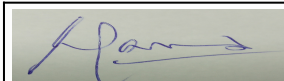
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22. Production Details

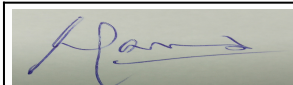
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Fatty Alcohol Sulphate / Sulfosuccinate (powder/Needles) - on 100% basis	100	--	100
2	Fatty Alcohol Sulphate (Color Needles) - on 100% basis	200	--	200
3	Fatty Alcohol Sulphate (Liquid) - on 100% basis	48	--	48
4	Active preparations 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	2083
5	Speciality chemicals such as polymeric conditioners, polyquats, preservatives, fatty acid esters	--	416	416
6	Sunscreens	--	625	625
7	By-products	--	--	--
8	Rec. Acetic Acid [on 100% basis]	--	70	70
9	Rec. Methanol	--	15	15
10	HCl Solution (Approx. 30%)	--	175	175
11	Sodium bisulfite solution/Sodium bisulfate/Sodium sulphite [Approx 30%]	--	250	250
12	Sodium Chloride [on 100% basis]	--	25	25

23. Total Water Requirement



Dry season:	Source of water	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	Source of water	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

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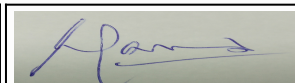


24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	7	2.5	9.5	1.5	0.4	1.9	5.5	2.1	7.6
Industrial Process	15	130	145	4	70	74	11	60	71
Cooling tower & thermopack	4	346	350	3.5	285.5	289	0.5	60.5	61
Gardening	4	14	18	4	14	18	--	--	--
Fresh water requirement	30	492.5	522.5	13	369.90	382.9	17.00	122.6	139.6

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	5-7 meters bgl
	Size and no of RWH tank(s) and Quantity:	1 RWH tank, Capacity - 20 KL
	Location of the RWH tank(s):	Above ground Tank near proposed scrubber area further connected to U.G Tank
	Quantity of recharge pits:	None
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	15,00,000
	Budgetary allocation (O & M cost) :	1,00,000
	Details of UGT tanks if any :	RWH Tank - 20 KL U.G Water Tank - 50KL - 2 nos. Fire fighting tank - 4,00,000 ltrs

26.Storm water drainage	Natural water drainage pattern:	There is no natural water drainage in the plant. It is a built plot wherein the storm water from the plot is connected to the common MIDC drains
	Quantity of storm water:	Average Qty of Storm water - 15.62 m3/hr
	Size of SWD:	Line 1 : 129 m*0.48m*0.85m = 52.632 cum, Line 2 : 154 m*0.48m*0.85m = 62.832 cum, Line 3 : 149 m*0.48m*0.85m = 60.792 cum, Line 4 : 109 m*0.48m*0.85m = 44.472 cum.



27.Sewage and Waste water	Sewage generation in KLD:	Total sewage Generation - 7.6 CMD
	STP technology:	Sewage will be treated in the aeration tank of the ETP.
	Capacity of STP (CMD):	Not Applicable
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	Not Applicable
	Budgetary allocation (O & M cost):	Not Applicable

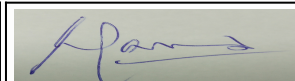


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28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Some demolition of existing structures will be done. Some unused metal scrap will be generated. The municipal solid waste generated during construction phase will be disposed through local municipal facility.
	Disposal of the construction waste debris:	Construction debris will be used at site for leveling purposes at site. Unused Metal Scrap will be sold to scrap vendor. Municipal solid waste will be disposed through local municipal facility.
Waste generation in the operation Phase:	Dry waste:	PVC and Paper bags - 1.6 MT/M, HDPE/Metal Container - 1200 units/Month, Wooden pellets - 500 units/month
	Wet waste:	Not Applicable
	Hazardous waste:	The hazardous waste details are tabulated at Serial no - 45.
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	PVC and Paper bags - Sent through local municipal facility, HDPE/Metal Container - Sent to Approved recyclers, Wooden pellets - Sent through local municipal facility.
	Wet waste:	Not Applicable
	Hazardous waste:	The Hazardous waste which can be recycled/reprocessed will be sent to authorized reprocessors and recyclers and other hazardous waste will be sent to CHWTSDF, Taloja for disposal.
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Area requirement:	Location(s):	In the north side of the plot. Next to the drum washing and scrap yard.
	Area for the storage of waste & other material:	A dedicated area of 10 m x 5 m = 50 sq.m is demarcated as Hazardous waste Storage area.
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	500000
	O & M cost:	300000

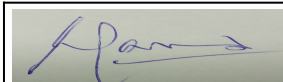


29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	6.3	7.1	5.5 -9.0
2	TDS	mg/L	113	60	2100
3	COD	mg/L	2080	16	250
4	BOD	mg/L	583	8	100
Amount of effluent generation (CMD):		Industrial Effluent Generation - 132 CMD. Domestic Effluent - 7.6 CMD. Total - 139.6 CMD			
Capacity of the ETP:		ETP Capacity - 110 CMD.			
Amount of treated effluent recycled :		Approx. 137 CMD of effluent will be recycled from the ETP.			
Amount of water send to the CETP:		No. The project will be a ZLD unit.			
Membership of CETP (if require):		No. The project will be a ZLD unit.			
Note on ETP technology to be used		Process and Domestic Effluent will be passed through a fully Fledged ETP followed by R.O. Waste water from utilities will be passed through R.O plant and reused. The R.O reject will be passed through MEE with ATFD The 15 CMD primary treatment will be demolished.			
Disposal of the ETP sludge		The ETP Sludge will be disposed to CHWTSDF, Taloja.			



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30. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Flue gas cleaning residue	(34.1)	MT/A	0.4	0.5	0.9	Disposed to CHWTSDF, Talaja
2	Spent ion exchange resin containing toxic material	(34.2)	MT/A	--	1	1	Disposed to CHWTSDF, Talaja
3	Chemical Sludge from waste water treatment	(34.3)	MT/A	2	13	15	Disposed to CHWTSDF, Talaja
4	Process residue and Waste	(28.1)	MT/A	2	--	2	Sent to authorized facility.
5	Distillation Residue	(36.1)	MT/A	--	410	410	Disposed to CHWTSDF, Talaja
6	Spent Solvent	(20.2)	MT/A	--	6	6	Sent to authorized vendors
7	Waste residue containing oil	(5.1)	MT/A	1.5	2.0	3.5	Sent to authorized facility.
8	Discarded containers/barrels/liners contaminated with haz. Wastes/chemicals	(33.1)	MT/A	--	10	10	Sent to authorized vendors
9	Filter and filter cleaning material	--	MT/A	--	0.5	0.5	Disposed to CHWTSDF, Talaja
10	MEE Residue	(37.3)	MT/A	--	60	60	Disposed to CHWTSDF, Talaja
11	Spent Catalyst/ Carbon	(28.2, 28.3)	MT/A	--	2	2	Disposed to CHWTSDF, Talaja

31. Stacks emission Details

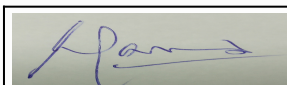
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Thermic Fluid Heater - 6 Lakh Kcal/Hr	Furnace Oil /LDO- 1.2 MT/Day	1	25	0.3	104 Degree C
2	Thermic Fluid Heater - 8 Lakh Kcal/Hr and Steam Boiler - 3.5 TPH	Furnace Oil/LDO- 8.0 MT/Day	2	39	0.6	180 degree C
3	D.G Set 250 KVA	HSD - 167 L/Day	3	8	0.1	100 degreee C
4	D.G Set 800 KVA	HSD - 400 L/Day	4	8	0.1	110 degreee C
5	Scrubber	--	5	12	0.1	40 degree C
6	Spray Dryer	--	6	25	0.55	90 degree C
7	Dust Exhaust	--	7	15	0.15	75 degree C
8	Vent Scrubber	--	8	12	0.1	30 degree C

32. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	FO/LDO	1.2 MT/Day	8.0 MT/Day	9.2 MT/Day
2	HSD	167 L/Day	400 L/Day	567 L/Day

33. Source of Fuel	Local Vendor
34. Mode of Transportation of fuel to site	By Road

SEIAA Meeting No: 127 Meeting Date: April 27, 2018 (SEIAA-STATEMENT-000000359)
SEIAA-MINUTES-000000403
SEIAA-EC-000000268



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35. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	100 KW
	DG set as Power back-up during construction phase	250 KVA
	During Operation phase (Connected load):	150 KW
	During Operation phase (Demand load):	120 KVA
	Transformer:	1250 KW
	DG set as Power back-up during operation phase:	D.G Set - 250 KVA and 800 KVA
	Fuel used:	HSD
Details of high tension line passing through the plot if any:	Not Applicable	

Energy saving by non-conventional method:

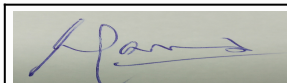
For harnessing solar energy, the roof top area of ware house accounting to 875 sq. m. will be considered. Approx. 30 KW of power is anticipated from the setup which would be used for canteen, store, warehouse and admin building.

36. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Harvesting solar Energy	30 KW.

37. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	Stack attached to thermic fluid heater with sufficient height of 25 meters. Stack of Spray drier is provided with dust collector. Stack of Dust Exhaust is provided with bagging filter	Stack height of 39 meter will be provided for common stack connected to Boiler and Thermic Fluid Heater. 2 alkali and 3 water scrubbers will be installed for scrubbing the process emission. One vent scrubber will also be provided for process emissions. An additional D.G Set will be installed, a stack height of 8 meters will be provided to it.
Water	Existing ETP of 15 CMD is installed at site.	The effluent generated from the boiler blow down & cooling tower blow down will be sent to R.O, the R.O permeate will be reused for Cooling tower makeup & R.O reject will be sent to MEE followed by ATFD. The effluent generated from process will be treated in full fledged ETP with R.O, the R.O permeate will be reused for cooling tower intake & R.O reject will be subjected to MEE followed by ATFD. The MEE Condensate will be reused for cooling tower and residue will be sent to CHWTSDF. The Domestic



Noise	Acoustic enclosure for noise generating equipments & Green belt has been provided.	Acoustic enclosure will be provided to D.G set for attenuation of noise level during operation. Boiler & Thermopack will placed in a confined space viz. boiler house where the surrounding walls acts as a barrier for noise propagation. Isolation of high intensity noise generating equipments. Appropriate traffic management to be implemented. Green belt developed around the company premises will acts a noise barrier. Appropriate PPE should be provided to workers.
Solid waste	The recyclables are spent to authorized vendor for reprocessing or recycling, the other wastes are spent to CHWTSDF, Taloja for disposal.	The Hazardous waste namely spent Solvent and Discarded containers/barrels/liners contaminated with haz. Wastes/chemicals will be sent to authorized reprocessors and recyclers and other hazardous waste will be sent to CHWTSDF, Taloja for disposal.

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	15 Lakhs
	O & M cost:	1 Lakh

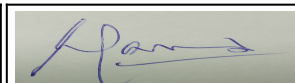
38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Pollution Control	Mist sprinkling will be done to reduce the dust emission due to construction activities. PUC Certified vehicles will b used for transportation of construction material.	0.5
2	Water Pollution Control	The sewage will be treated in septic tank followed by soak pit.	0.2
3	Noise Pollution Control	PPE will be provided to workers exposed to high intensity noise levels. Noise generating machineries will be kept in isolated places and used only during day time.	0.1
4	Solid Waste Management	The solid waste generated like metal left overs and scrap will be segregated and stored seperately and sold to scrap dealers.	0.1
5	Occupational Health	Proper safety and PPE's will be provided to workers at construction site. First aid facility will be kept at the construction site.	0.1

b) Operation Phase (with Break-up):

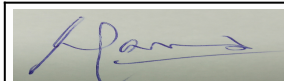
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
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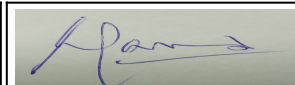
1	Air Pollution Control	New stack of 39 m height for boiler Installation of 3 water scrubbers & 2 alkali scrubbers & 1 vent scrubber	55.50	3
2	Water Pollution Control	Up gradation of ETP comprising of primary, secondary & tertiary treatment along with installation of MEE & R.O.	375	4
3	Noise Pollution Control	Installation of anti-vibration pads, & Enclosures for DG set	15	2
4	Solid Waste Management	Purchase of additional containers for storage of solid waste and maintenance of records.	5	3
5	Environment Monitoring & Management	Quarterly Environmental Monitoring	--	3
6	Occupational Health	Glares, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs etc. & annual health-medical checkup of workers	3	1.5
7	Green belt	Maintainence of green belt	2.5	1
8	Rain Water Harvesting	Installation of RWH system & annual cleaning of RWH tank	15	1

39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

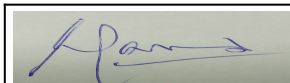
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Lauryl Alcohol	Liquid	Storage Tank	75	75	112.10	Local/Import	Multimode
Dextrose	Solid	Godown	30	30	22.50	Local	Road
Caustic Lye	Liquid	Storage Tank	50	50	70.92	Local	Road
Rapeseed Oil	Liquid	Godown	20	20	5	Import	Multimodel
Tung Oil	Liquid	Godown	20	20	3.33	Local	Road
Behenyl Alcohol	Solid	Godown	50	50	40.46	Local	Road
Thionyl Chloride	Liquid	Storage Tank	40	40	81.40	Local	Road
p-Methoxy Cinnamic Acid	Solid	Godown	20	20	11.29	Local	Road
DMAPA	Liquid	Storage Tank	30	30	28.42	Both	Multimodel
p- nitro benzoic acid	Solid	Godown	50	50	67	Local	Road
2 - Ethyl hexanol	Liquid	Storage Tank	50	50	169.25	Local	Road



Hydrogen Gas	Gas	CCOE	1 rack of 150 cylinders	1 rack of 150 cylinders	2.5	Local	Road
Cyanuric Chloride	Solid	Godown	30	30	22.5	Local	Road
Trimethyl amine	Gas	CCOE	10	10	4.58	Local	Road
Dipropylene Glycol	Liquid	Godown	20	20	12.08	Both	Multimodel
Caprylic acid	Liquid	Godown	20	20	8.35	Both	Multimodel
Undecylenic acid	Liquid	Godown	20	20	9.5	Local	Road
Glycine	Solid	Godown	30	30	31.65	Import	Multimodel
HCl Solution	Liquid	Storage tank	50	50	15.21	Local	Road
Cetyl Alcohol	Solid	Godown	50	50	55.42	Local	Road
Polyphosphoric acid	Solid	Godown	20	20	11.92	Local	Road
Phosphorus pentoxide	Solid	Godown	20	20	6.83	Local	Road
Potassium Hydroxide	Solid	Godown	20	20	12.92	Local	Road
2 phenoxyethanol	Liquid	Godown	20	20	10.42	Local	Road
Caprylic Capric acid	Liquid	Storage Tank	50	50	76.67	Both	Multimodel
Glycerine	Liquid	Godown	20	20	12	Both	Multimodel
Cocoyl Chloride	Liquid	Godown	40	40	59.33	Local	Road
Sodium Isethionate	Liquid	Godown	10	10	4.17	Local	Road
Glutamic acid	Solid	Godown	20	20	8.33	Both	Multimodel
Potassium hydroxide solution	Liquid	Godown	25	25	16.67	Local	Road
OMC	Liquid	Storage Tank	30	30	50	Local	Road
Avobenzene	Solid	Godown	20	20	20	Both	Multimodel
Benzophenone - 3	Solid	Godown	20	20	20	Both	Multimodel
BHT	Solid	Godown	5	5	1	Local	Road
Salicylic acid	Solid	Godown	50	50	69.17	Both	Multimodel
Myristic acid	Solid	Godown	20	20	13.33	Import	Multimodel
Homomenthol	Liquid	Storage Tank	30	30	47.50	Both	Multimodel
IPA	Liquid	CCOE	15	15	18.54	Local	Road
Palmitic acid	Solid	Godown	10	10	4.72	Import	Multimodel
Myristil Alcohol	Solid	Godown	10	10	3.96	Local	Road
Epichlorohydrin	Liquid	Godown	10	10	2.90	Local	Road
SMBS	Solid	Godown	10	10	3.10	Local	Road
DMLA	Liquid	Storage Tank	50	50	72.38	Import	Multimodel
SMCA Solution	Liquid	Godown	10	10	0.08	Local	Road
Coconut Oil	Liquid	Godown	30	30	19.73	Local	Road
Sodium Sulfite	Solid	Godown	10	10	4.86	Local	Road
Mono Chloro Acetic acid	Solid	Godown	10	10	1.56	Both	Multimodel
HCFA (8-16/8-18)	Liquid	Storage Tank	30	30	30	Import	Multimodel
Glycerine Ethoxylate	Liquid	Storage Tank	50	50	50.25	Local	Road
DCFA (8-18)	Liquid	Storage Tank	30	30	26.25	Import	Multimodel
Benzyl Chloride	Liquid	Storage Tank	30	30	28.75	Local	Road
Fatty Alcohol Ethoxylate	Liquid	Storage Tank	30	30	50	Both	Multimodel
LES	Liquid	Storage Tank	30	30	50	Both	Multimodel
EGDS	Solid	Godown	30	30	50	Both	Multimodel
DMDAACl	Liquid	Godown	20	20	10.87	Local	Road
Acryl amide	Solid	Godown	25	25	14.40	Local	Road



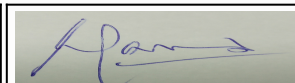
Stearic acid	Solid	Godown	20	20	20	Both	Multimodel
Sugar	Solid	Godown	20	20	20	Local	Road
Sorbitol	Solid	Godown	20	20	20	Local	Road
Sodium Chloride	Solid	Godown	20	20	20	Local	Road
Milcoside 200	Liquid	Godown	20	20	20	Import	Multimodel
Potassium Sulfate	Solid	Godown	20	20	11.8	Local	Road
Maleic Anydride	Solid	Godown	20	20	7.59	Local	Road
Mono Ethanol Amine	Liquid	Godown	10	10	4.58	Both	Multimodel
Diethanol amine	Solid	Godown	10	10	6.46	Both	Multimodel
Methyl cyanoacetate	Liquid	Godown	40	40	40	Import	Multimodel
Cyclohexane	Liquid	CCOE	20	20	6.25	Local	Road
Benzophenone	Solid	Godown	40	40	66.25	Import	Multimodel
Acetic acid	Liquid	Storage Tank	30	30	50	Local	Road
Ammonium Acetate	Solid	Godown	30	30	17.5	Local	Road
Hydrogen Peroxide	Liquid	Godown	20	20	12.19	Local	Road
DMLA (C12 - C 14)	Liquid	Godown	15	15	7.08	Import	Multimodel
DMMA (C14)	Liquid	Godown	5	5	0.83	Import	Multimodel
DMPA (C16)	Liquid	Godown	5	5	2.50	Import	Multimodel
DMSA (C18)	Liquid	Godown	5	5	2.08	Import	Multimodel
Lauric Acid	Solid	Godown	25	25	18.75	Import	Multimodel
Lauroyl Chloride	Liquid	Godown	40	40	46.67	Local	Road
N-Methyl Taurine	Solid	Godown	20	20	13	Import	Multimodel
Sodium Sarcosinate	Liquid	Godown	40	40	26.67	Import	Multimodel
Methyl Paraben	Solid	Godown	10	10	8	Local	Road
Propyl Paraben	Solid	Godown	10	10	8	Local	Road
Phosphoric acid	Liquid	Godown	10	10	8	Local	Road
Reagent S	Solid	Godown	1	1	0.5	Local	Road
EDTA	Solid	Godown	5	5	2.5	Local	Road
Reagent MB	Solid	Godown	1	1	0.5	Both	Multimodel
Reagent SK	Solid	Godown	1	1	0.5	Both	Multimodel
Codex DS	Solid	Godown	1	1	0.5	Local	Road
Propylene Glycol	Liquid	Godown	10	10	8	Local	Road
Titanium Oxide	Solid	Godown	1	1	0.5	Local	Road
Kathon CG	Liquid	Godown	1	1	0.6	Local	Road
Galguard NK1	Liquid	Godown	1	1	0.5	Local	Road
Galguard NK2	Liquid	Godown	1	1	0.5	Local	Road
Galguard NK3	Solid	Godown	1	1	0.5	Local	Road
Formaldehyde	Liquid	Godown	1	1	0.5	Local	Road
Sodium sulfate	Solid	Godown	5	5	3	Local	Road
Sodium Benzoate	Solid	Godown	1	1	0.5	Local	Road
Potassium sulfate	Solid	Godown	5	5	4	Local	Road
Sodium Methoxide	Solid	Godown	1	1	0.5	Both	Multimodel
Citric acid	Solid	Godown	1	1	0.5	Local	Road
Sodium Bicarbonate	Solid	Godown	1	1	0.5	Local	Road
Sodium Carbonate	Solid	Godown	5	5	3	Local	Road
Reagent HP	Liquid	Godown	1	1	0.5	Local	Road
Formalin	Liquid	Godown	1	1	0.5	Local	Road
Catalyst D	Liquid	Godown	1	1	0.5	Local	Road



Reagent W	Liquid	Godown	1	1	0.5	Both	Multimodel
Toluene	Liquid	CCOE	15	15	2	Local	Road
Sodium dihydrogen ortho phosphate	Solid	Godown	5	5	3	Local	Road
Methanol	Liquid	CCOE	30	30	3	Local	Road
Ethyl Acetate	Liquid	CCOE	15	15	2	Local	Road
PTSA	Liquid	Godown	1	1	0.5	Both	Multimodel
Potassium hydrogen sulphate	Solid	Godown	2	2	1	Both	Multimodel
MSA	Liquid	Godown	1	1	0.5	Both	Multimodel
Sodium hydrogen sulfate	Solid	Godown	2	2	1	Both	Multimodel
Raney Nickel	Solid	Godown	1	1	0.5	Both	Multimodel
Alpha - Tocopherol	Liquid	Godown	1	1	0.5	Local	Road
Magnesium Oxide	Solid	Godown	1	1	0.5	Both	Multimodel
Mono Potassium Phosphate	Solid	Godown	2	2	1.5	Local	Road
Fatty Alcohol Sulfate/ Fatty alcohol sulfosuccinate	Liquid	Storage Tank	200	200	400	Local	Road
ammonium bicarbonate/ ammonia	Solid/Gas	Godown	1	1	1	Local	Road
sulfuric acid	Liquid	Godown	1	1	1	Local	Road
Cosmenyl Green 2 GLS gran	Liquid	Godown	1	1	1	Local	Road
Cosmenyl Blue A R P LP 3214	Liquid	Godown	1	1	1	Local	Road
Cosmenyl Carmine FB 01 -IN	Liquid	Godown	1	1	1	Local	Road
Liquitent Red ST & Liquitent Yellow LP	Liquid	Godown	1	1	1	Local	Road
High flow super cell powder	Solid	Godown	1	1	0.5	Local	Road
Methylene Dichloride	Liquid	Godown	10	10	2	Local	Road
Sodium Cocoyl isethionate	Solid	Godown	10	10	5	Local	Road
Micoside 100	Liquid	Godown	10	10	5	Both	Multimodel
Sodium Cocoyl Taurate	Liquid	Godown	10	10	5	Both	Multimodel
Aqueous solution of Tri Methyl amine gas	Liquid	Godown	15	15	15	Local	Road

40.Any Other Information

No Information Available



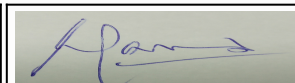
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	-
	Category as per schedule of EIA Notification sheet	Schedule 5 (f) Category - B1
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	12-10-2016

3. The proposal has been considered by SEIAA in its 127th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

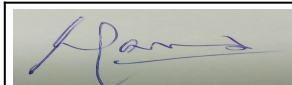
General Conditions:

I	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
II	73 TPH boiler should have stack height of 68m and flue gases shall be passed through an ESP of 99.9% efficiency before being led into the 68 m stack.
III	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
IV	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
V	Proper Housekeeping programmers shall be implemented.
VI	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
VII	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
VIII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
IX	Arrangement shall be made that effluent and storm water does not get mixed.
X	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.
XI	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.
XII	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.
XIII	Green belt shall be developed & 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.
XIV	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.
XV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.



XVI	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
XVII	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 the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
XVIII	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.
XIX	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XX	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 & this department
XXI	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
XXII	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
XXIII	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.
XXIV	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.
XXV	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 e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
XXVI	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 e-mail.

Government of Maharashtra



4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

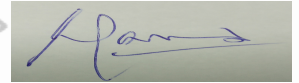
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



Shri Satish.M.Gavai (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. REGIONAL OFFICE MIDC TARAPUR
10. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
11. COLLECTOR OFFICE PALGHAR

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Maharashtra

