



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: March 12, 2020

To,
Mr. Abhijeet B. Birewar -M/s. Abhideep Chemicals Pvt. Ltd.
at Plot No. A-2, MIDC Area, Ghuggus Road, Padoli, Dist. Chandrapur Maharashtra 442406

Subject: Environment Clearance for change in product mix project for Manufacturing of Chemical Intermediates and Specialty Chemicals under category 5 (f) by M/s. Abhideep Chemicals Pvt. Ltd. at Plot No. A-2, MIDC Area, Ghuggus Road, Padoli, Dist. Chandrapur, Maharashtra 442406

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 168 - Bth 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 183rd meetings.


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

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

1.Name of Project	Change in product mix project for manufacturing of chemical Intermediates and Specialty Chemicals at Plot No. A-2, MIDC Area, Ghuggus Road, Padoli, Dist. Chandrapur, Maharashtra 442406.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Abhijeet B. Birewar -M/s. Abhideep Chemicals Pvt. Ltd.
4.Name of Consultant	Goldfinch Engineering Systems Private Limited
5.Type of project	Industrial- Manufacturing of Chemical Intermediates & specialty chemicals
6.New project/expansion in existing project/modernization/diversification in existing project	Change in product mix
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Plot No. A-2, MIDC Area, Ghuggus Road, Padoli, Dist. Chandrapur Maharashtra 442406
9.Taluka	Chandrapur
10.Village	Padoli
Correspondence Name:	Abhijeet B. Birewar
Room Number:	503
Floor:	5th
Building Name:	Keshava
Road/Street Name:	Bandra-Kurla Complex
Locality:	Bandra East
City:	Mumbai
11.Whether in Corporation / Municipal / other area	MIDC, Chandrapur

SEIAA Meeting No: 183 Meeting Date: December 12, 2019 (
SEIAA-STATEMENT-000001262)
SEIAA-MINUTES-000002845
SEIAA-EC-000002170

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Shri. Anil Diggikar (Member Secretary
SEIAA)

12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area: 15208
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	15208
16.Deductions	Not Applicable
17.Net Plot area	15208
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 6491.62
	Non FSI area (sq. m.): Not Applicable
	Total BUA area (sq. m.): 15208
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not Applicable
	Approved Non FSI area (sq. m.): Not Applicable
	Date of Approval: 13-04-2018
19.Total ground coverage (m2)	4425.10
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	29.10
21.Estimated cost of the project	145000000



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22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Group I	--	--	--
2	1. Beta Oxy Naphthoic (Bon) Acid	1200 TPA	00 TPA	1200 TPA
3	a. Tar	96 TPA	00 TPA	96 TPA
4	b. Sodium Sulfate (Na ₂ SO ₄)	00 TPA	1441.20 TPA	1441.20 TPA
5	Sub Total	1296 TPA	1441.12 TPA	2737.20 TPA
6	2. Pamoic Acid	90 TPA	180 TPA	270 TPA
7	a. Sodium Sulfate (Na ₂ SO ₄)	00 TPA	98.76 TPA	98.76 TPA
8	Sub Total	90 TPA	(+) 278.76 TPA	368.76 TPA
9	3. Di-Sodium Pamoate	50.04 TPA	00 TPA	50.04 TPA
10	a. Sodium Sulfate (Na ₂ SO ₄)	00 TPA	10.68 TPA	10.68 TPA
11	Sub Total	50.04 TPA	(+) 10.68 TPA	60.72 TPA
12	4. BNSA (Pure)	99.96 TPA	(+) 300.00 TPA	399.96 TPA
13	5. 1-Hydroxy-2-Naphthoic Acid	50.04 TPA	00 TPA	50.04 TPA
14	a. Tar	3.96 TPA	00 TPA	3.96 TPA
15	b. Sodium Sulfate (Na ₂ SO ₄)	00 TPA	57.48 TPA	57.48 TPA
16	Sub Total	54 TPA	57.48 TPA	111.48 TPA
17	6. 1-Hydroxy-2-Naphthoic Acid-Phenyl Ester	30 TPA	00 TPA	30 TPA
18	a. Sodium Sulphite (Na ₂ SO ₃)	00 TPA	14.44 TPA	14.44 TPA
19	Sub Total	30 TPA	14.44 TPA	44.44 TPA
20	7. 1-Naphthalene Acetic Acid	24 TPA	00 TPA	24 TPA
21	8. 1-Naphthalene Acetamide	24 TPA	00 TPA	24 TPA
22	9. Methyl Phenyl Hydantoin	480 TPA	(-) 480.00 TPA	00 TPA
23	a. Tar	60 TPA	(-) 60.00 TPA	00 TPA
24	Total	2208 TPA	1562.52 TPA	3770.52 TPA
25	Group II	--	--	--
26	1. m-Phenoxy Benzaldehyde	2208 TPA	(-) 2208.00 TPA	00 TPA
27	Group III	--	--	--
28	1. Beta Naphthol	2208 TPA	00 TPA	2208 TPA
29	a. Tar	00 TPA	156 TPA	156 TPA
30	b. Sodium Sulfate (Na ₂ SO ₄)	00 TPA	624 TPA	624 TPA
31	c. Sodium Sulphite (Na ₂ SO ₃)	00 TPA	2172 TPA	2172 TPA
32	Sub Total	2208 TPA	(+) 2952 TPA	5160 TPA
33	Group IV	--	--	--
34	1. 2,2 Biphenol	--	60 TPA	60 TPA
35	a. Tar	--	3.72 TPA	3.72 TPA
36	b. Sodium Sulfate (Na ₂ SO ₄)	--	23.04 TPA	23.04 TPA
37	c. Potassium Sulfate (K ₂ SO ₄)	--	59.64 TPA	59.64 TPA
38	Sub Total	--	146.40 TPA	146.40 TPA
39	2. 3-Ethyl Amino 4-Methyl Phenol	--	60 TPA	60 TPA
40	a. Potassium Sulfate (K ₂ SO ₄)	--	69.12 TPA	69.12 TPA
41	b. Potassium Sulfite (K ₂ SO ₃)	--	31.44 TPA	31.44 TPA

42	Sub Total	--	160.56 TPA	160.56 TPA
43	3. p-Phenylene Diamine	--	60 TPA	60 TPA
44	a. Tar	--	9 TPA	9 TPA
45	Sub Total	--	69 TPA	69 TPA
46	4. m-Hydroxyacetophenone	---	120 TPA	120 TPA
47	a. Tar	--	43.08 TPA	43.08 TPA
48	b. Sodium Sulfate (Na ₂ SO ₄)	--	220.08 TPA	220.08 TPA
49	Sub Total	--	383.16 TPA	383.16 TPA
50	5. 1,2,3,4 butane tetra carboxylic acid	--	600 TPA	600 TPA
51	a. Sodium nitrate (NaNO ₃)	--	240 TPA	240 TPA
52	Sub Total	--	840 TPA	840 TPA
53	6. P Methoxy phenyl acetic acid	--	60 TPA	60 TPA
54	a. Sodium Sulfate (Na ₂ SO ₄)	--	76.92 TPA	76.92 TPA
55	Sub Total	--	136.92 TPA	136.92 TPA
56	7. 3-Chloro 2-Methyl Anisole	--	240 TPA	240 TPA
57	a. Sodium Sulfate (Na ₂ SO ₄)	--	631.20 TPA	631.20 TPA
58	Sub Total	--	871.20 TPA	871.20 TPA
59	8. Binol	--	300 TPA	300 TPA
60	a. Tar	--	36.6 TPA	36.60 TPA
61	Sub Total	--	336.60 TPA	336.60 TPA
62	9. 2-phenyl-3-3-Bis (4-Hydroxy phenol) Phthalinidine	--	60 TPA	60 TPA
63	a. Sodium Sulfate (Na ₂ SO ₄)	--	29.76 TPA	29.76 TPA
64	Sub Total	--	89.76 TPA	89.76 TPA
65	10. 2-Hydroxy 6-Naphthoic acid	--	1200 TPA	1200 TPA
66	a. Tar	--	96 TPA	96 TPA
67	b. Potassium Sulfate (K ₂ SO ₄)	--	1692 TPA	1692 TPA
68	Sub Total	--	2988 TPA	2988 TPA
69	11. Cyclopropane Carboxylic Acid (New Product)	--	480 TPA	480 TPA
70	a. Tar	--	6 TPA	6 TPA
71	b. Sodium Bisulfite (NaHSO ₃)	--	582 TPA	582 TPA
72	Sub Total	--	1068 TPA	1068 TPA
73	12. Sodium Salt of 2 Ethyl Hexanoic Acid	--	Deleted	Deleted
74	13. 2-Ethyl hexanoyl Chloride	--	Deleted	Deleted
75	14. n-Butyryl Chloride	--	Deleted	Deleted
76	15. Iso Phthaloyl Chloride	--	Deleted	Deleted
77	16. Neo Decanoyl Chloride	--	Deleted	Deleted
78	17. 1,3-Dibromo-5-methyl-5phenyl hydantoin	--	Deleted	Deleted
79	Total	2208 TPA	7089.24 TPA	7089.24 TPA
80	Note: Individual product capacity will not exceed quantity given above and total monthly production will not exceed 2208.00 TPA.	--	--	--

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	

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	12	00	12	03	00	03	09	00	09
Industrial Process	83.5	00	83.5	78	00	78	5.5	00	5.5
Cooling tower & thermopack	117.5	00	117.5	92.5	00	92.5	25	00	25
Gardening	00	25	25	00	25	25	00	00	00
Fresh water requirement	213	25	238	173.5	25	198.5	39.5	00	39.5

25.Rain Water Harvesting (RWH)

Level of the Ground water table:	10 - 15 m
Size and no of RWH tank(s) and Quantity:	RWH Tank size 5 m ³ , 01 No. and 25 m ³ , 01 No. tank.
Location of the RWH tank(s):	Near stores packing room
Quantity of recharge pits:	Nil
Size of recharge pits :	Not applicable as collected rain water will be reused.
Budgetary allocation (Capital cost) :	03 lac.
Budgetary allocation (O & M cost) :	Rs. 0.5 lac./ annum
Details of UGT tanks if any :	No underground tank. Only roof top water collection facility will be provided.

26.Storm water drainage

Natural water drainage pattern:	As per slope available at project site
Quantity of storm water:	112.00 L/s
Size of SWD:	0.3 x 0.3 x 0.3 (214.00 L/s)

27.Sewage and Waste water	Sewage generation in KLD:	9
	STP technology:	12 CMD proposed STP
	Capacity of STP (CMD):	12 CMD
	Location & area of the STP:	Near parking area 03.
	Budgetary allocation (Capital cost):	15 lacs
	Budgetary allocation (O & M cost):	12.00 Lacs./annum



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28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Not Applicable
	Disposal of the construction waste debris:	Not Applicable
Waste generation in the operation Phase:	Dry waste:	Coal Ash - 790 TPA · Polyethylene Bags - 12000 Kg/A · Paper Bags - 120 Kg/A · Light density polyethylene bag - 1200 Kg/A
	Wet waste:	· Used/Spent oil- 200 Ltr/A · Chemical sludge from ETP - 36 TPA · MEE Salts - 24 TPA · Spent carbon from ETP - 06.00 TPA · Spent carbon from Process - 492 TPA · Sodium Chloride (NaCl) from Process - 748.20 TPA · Sodium Sulfate (Na ₂ SO ₄) Low Purity from Process - 96.00 TPA · Sodium Thio Sulphate (Na ₂ S ₂ O ₃) from Process - 203.88 TPA · Calcium Sulfate (CaSO ₄) from Process - 630.24 TPA · Sodium Bisulfate (NaHSO ₄) from Process - 127.08 TPA
	Hazardous waste:	· Used/Spent oil- 200 Ltr/A · Chemical sludge from ETP - 36 TPA · MEE Salts - 24 TPA · Spent carbon from ETP - 06.00 TPA · Spent carbon from Process - 492 TPA · Sodium Chloride (NaCl) from Process - 748.20 TPA · Sodium Sulfate (Na ₂ SO ₄) Low Purity from Process - 96.00 TPA · Sodium Thio Sulphate (Na ₂ S ₂ O ₃) from Process - 203.88 TPA · Calcium Sulfate (CaSO ₄) from Process - 630.24 TPA · Sodium Bisulfate (NaHSO ₄) from Process - 127.08 TPA
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	01.20 TPA
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Sale to authorized recycler
	Wet waste:	CHWTSDF/ Sale
	Hazardous waste:	CHWTSDF/ Sale
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	STP Sludge will be used for gardening as an manure
	Others if any:	Not Applicable
Area requirement:	Location(s):	Dedicated Area in Plant Building
	Area for the storage of waste & other material:	15 m ²
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	3.0 Lacs
	O & M cost:	Rs. 1 lacs./year

29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	6 - 6.5	7.0 - 9.0	5.5 - 9.0
2	COD	Mg/Lit.	1600 - 2000	< 250	< 250
3	BOD (3 days at 27 OC)	Mg/Lit.	800 - 1000	< 100	< 100
4	TSS	Mg/Lit.	400 - 500	< 100	< 100
5	TDS	Mg/Lit.	1500 - 2100	< 2100	< 2100
Amount of effluent generation (CMD):		30.5			
Capacity of the ETP:		40			
Amount of treated effluent recycled :		30.5			
Amount of water send to the CETP:		Not Applicable as this unit will be run as Zero Liquid Discharge (ZLD) Unit.			
Membership of CETP (if require):		Not Applicable			
Note on ETP technology to be used		Trade effluent will be treated in effluent treatment plant having Primary treatment only. Treated effluent will fed to RO and RO reject will be again treated in evaporator and evaporator salts then feed to dryer, achieving Zero Liquid Discharge (ZLD). It is a zero liquid discharge unit. After change in product mix also it will remain zero liquid discharge unit.			
Disposal of the ETP sludge		CHWTSDF			

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30.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical sludge from ETP	35.3	TPA	--	36	36	CHWTSDF
2	MEE Salts	35.3	TPA	--	24	24	CHWTSDF
3	Spent carbon from ETP	35.3	TPA	--	6	6	CHWTSDF
4	Spent carbon from Process	28.3	TPA	--	492	492	CHWTSDF
5	Sodium Chloride (NaCl) from Process	26.1	TPA	--	748.20	748.20	Sale/ CHWTSDF
6	Sodium Sulfate (Na2SO4) Low Purity from Process	26.1	TPA	--	96	96	Sale/ CHWTSDF
7	Sodium Thio Sulphate (Na2S2O3) from Process	26.1	TPA	--	203.88	203.88	Sale/ CHWTSDF
8	Calcium Sulfate (CaSO4) from Process	26.1	TPA	--	630.24	630.24	Sale/ CHWTSDF
9	Sodium Bisulfate (NaHSO4) from Process	26.1	TPA	--	127.08	127.08	Sale/ CHWTSDF
10	Used/Spent oil	5.1	Ltr/A	200	00	200	Sale to authorized recycler
11	Note - Hazardous waste quantity mentioned above is cumulative of all groups put together. Actual hazardous waste quantity will vary depending on product mix and quantity produced. The above quantities are worked out on worst come basis.	--	--	--	--	--	--
12	Other wastes	--	--	--	--	--	--
13	E-Waste	--	Kg/A	--	1.2	1.2	Sale to authorized dismantlers / Recyclers.
14	Battery waste	--	Kg/A	--	2.4	2.4	Returned to battery manufacturer through authorized dealer on buy back procurement
15	Non- Hazardous waste Serial No. Description Cat	--	--	--	--	--	--
16	Boiler ash	--	TPA	790	0	790	Send to authorized brick manufacturer & land filling
17	Polyethylene Bags	--	Kg/A	0	12000	12000	Recycler / sell to approved vendor
18	Paper Bags	--	Kg/A	NIL	120	120	Recycler / sell to approved vendor

19	Light density polyethylene bag	--	Kg/A	NIL	1200	1200	Recycler / sell to approved vendor
20	Discarded Drums	--	Nos./A	0	21600	21600	Recycler / sell to approved vendor

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	Boiler no 1 - 2.5 TPH (Existing)	Coal - 400 Kg/hr	1	27 m. from ground	0.65 m	125 OC
2	Thermopack no 1 - 6 Lac Kcal/hr (Existing)	Coal - 100 Kg/hr	1	16 m. from ground	0.50 m	125 OC
3	Thermopack no 2 Lac Kcal/hr (Proposed)	FO - 48 Kg/hr	1	27 m. from ground	0.65 m	125 OC
4	DG Set - 250 KVA	HSD - 53 Liter/hr	1	3.5 m. above enclosure	0.15 m	90 OC

32.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	500 Kg/Hr	--	500 Kg/Hr
2	FO	--	48 Kg/hr	48 Kg/hr
3	HSD for DG Set	53 lit./hr	--	53 lit./hr
33.Source of Fuel		Local		
34.Mode of Transportation of fuel to site		By Road		
35.Energy				

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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	Not Applicable
	During Operation phase (Connected load):	496 KVA
	During Operation phase (Demand load):	645 KVA
	Transformer:	1000 KVA
	DG set as Power back-up during operation phase:	1 DG set 250 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No high tension line is passing through the plot

Energy saving by non-conventional method:

Nil

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Power 1.0 % 51.Details of pollution	1%

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	Stack of adequate height, multiple cyclone separators, Bag filter	Stack of adequate height, multiple cyclone separators, Bag filter
Water	Primary treatment	MEE, ETP & RO, STP
Noise	Acoustic enclosure for DG set	--
Solid Waste	Disposal to CHWTSDF	Disposal to CHWTSDF

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	338.3v lac
	O & M cost:	114.78 lac

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not Applicable	Not Applicable	Not Applicable

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	Provision of stacks of height as recommended by CPCB, Process Scrubber	70	8.5
2	Water pollution control	ETP, MEE & RO, RWH	260	42.78
3	Noise pollution Control	Acoustic encl./ Ant vibration pads	5	1.5
4	Occupational Health	Medical checkup Health insurance policy Medical staff charges First aid facilities consumables Control of fugitive emissions Work Place monitoring	4	1
5	Environmental Monitoring Budget	Environment Monitoring	2	4.1
6	Hazardous waste Storage & disposal	Storage, Transportation and disposal	3.3	62
7	Green belt	Development & Maintenance	3	0.5
8	Mitigation Measures for LCA	(Installation of Solar Panels)	2	0.1
9	Carbon Footprint Monitoring (Measures taken to reduce carbon footprint)	Installation of solar Panels* for reduction of consumption of electricity which indirectly reduce carbon footprint. Tree plantation*, Reduction of fuel consumption by using well efficient insulation to heating equipment.	0.35	0.015
10	Water Footprint Monitoring (Measures taken to reduce water footprint)	Rain water harvesting & use of rain water in utilities & domestic Recycle & reuse of treated waste water** in utilities Regular maintainance of equipments to reduce wastage of water due to leaks	1.1	0.35
11	Total	--	350.75	120.845
12	Note - *Cost for Tree plantation & solar panel is already considered in sr. no. 7 & 8. ** Cost for recycle & reuse of water is already considered in sr. no. 2. We will recycle water (33.50 CMD) by using reverse osmosis.	--	--	--

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
Alpha Naphthol	Solid	bags	6 Bags	0.15 MT	4.17	Local	By Road
Acetophenone	Liquid	Drums	30 Drum	6.0 MT	10.6	Local	By Road
BON Acid	Solid	bags	6 Bags	0.15 MT	4.17	Local	By Road
Carbon Di-oxide	Gas	Cylinder	46 Cylinders	1.4 MT	27	Local	By Road
Caustic Soda Flakes / lye	solid/Liquid	bags / tank	400 bags / 1 tank	20 MT	175	Local	By Road
DSP	Solid	Bags	10 Bags	0.5 MT	25	Local	By Road
Methanol	Liquid	Liquid Drums	12.5 Drums	2500lit	4	Local	By Road
Naphthalene	Solid	Bags	160 Bags	8.0 MT	230	Local	By Road
Sulfuric Acid	Liquid	Tank	Tank	25 MT	218.3	Local	By Road
Technical BNSA	Solid	Bags	12Bags	0.6 MT	32.66	Local	By Road
Thionyl Chloride	Liquid	Tank	1 Tank	15 KL	54.8	Local	By Road
n-Ethyl otoluidine	Liquid	Drums	5 Drums	1.0MT	7.35	Local	By Road
p-Nitro Aniline	Liquid	Drums	5 Drums	1.0MT	7.25	Local	By Road
1,2,3,6 Tetra Hydro Phthalic Anhydride	Solid	Bags	1200Bags	30 MT	48.00	Local	By Road
p-methoxy Acetophenone	Solid	Bags	20 Bags	1.0MT	7.5	Local	By Road
3-Chlororo 2- methyl Aniline	Liquid	Drums	5 Drums	1.0MT	18.17	Local	By Road
Phenolphthalein	Solid	Bags	30Bags	1.5 MT	5	Local	By Road
Di Bezofurane	Solid	Bags	60 Bags	1.5 MT	6.04	Local	By Road
Potassium Hydroxide	Solid	bags	200 bags	10.0 MT	98.3	Local	By Road
Calcium Carbonate	Solid	bags	50 bags	2.5 MT	15.82	Local	By Road
Nitric Acid	Liquid	tank	1 tank	25 MT	58.5	Local	By Road
Sodium Nitrite	Solid	bags	20 bags	1.0 MT	15.00	Local	By Road
Xylene	Liquid	tank	1 tank	25 KL	7.6	Local	By Road
Di methyl sulphate	Liquid	drum	5 drum	1.0 MT	7.1	Local	By Road
Methylene Di Chloride	Liquid	Tank	1Tank	20 KL	6.75	Local	By Road
BT -300 (High Boiling Point)	Liquid	drum	25 drum	5000Lit	5	Local	By Road
Gamma Butyrolactone	Liquid	Tanker	15 KL, 02 Tank	30 KL	40.20	Local	By Road
Cyclopropane Carboxylic Acid-Product	Liquid	Tank	1 Tank	20 KL	40 MT/M Production	Local	By 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	No Protected area within 10 km radius circle.
	Category as per schedule of EIA Notification sheet	5(f) 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	13-04-2018

3. The proposal has been considered by SEIAA in its 183rd 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:

I	PP to submit ash balance calculations along with MoU made with different agencies. PP also to submit undertaking for not disposing any waste ash out side the premises without permission from the competent Authority.
II	At few places ambient air parameters PM10 & 2.5 are exceeding the limits including the proposed site. PP to carry out random air sampling in the study area to identify the potential particulate matter source till the project site and submit the findings.
III	PP to implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.
IV	PP to submit a bank guarantee of Rs. 149.00 lakhs to Maharashtra Pollution Control Board towards effective implementation of the EMP comprising remediation plan and Natural and Community Resource augmentation Plan.
V	PP to submit CER as applicable as per MOEF & CC circular dated 1.5.2018 in consultation with Municipal Corporation.
VI	PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9th August, 2018.

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	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
III	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
IV	Proper Housekeeping programmers shall be implemented.
V	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.
VI	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
VII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
VIII	Arrangement shall be made that effluent and storm water does not get mixed.
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.

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.
XI	The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
XII	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.
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.
XIV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
XV	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
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 the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
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.
XVIII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XIX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
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
XXI	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.
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.
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.
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 e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
XXV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
XXVI	The case was discussed in 186th meeting of SEIAA and it is decided to correct specific condition in the SEIAA MoM correcting amount of bank guarantee from "149 lakhs" to "124 lakhs".

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. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. REGIONAL OFFICE MPCB CHANDRAPUR
6. REGIONAL OFFICE MIDC CHANDRAPUR
7. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
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Maharashtra