



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: June 15, 2018

To,
Mr. Rajesh Shah and Mr. Ashish Kulkarni
at Plot No. B-10, MIDC Nardana

Subject: Environment Clearance for NANDKRISHNA CHEMICAL PRIVATE LIMITED

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 150th (Day 2)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 132nd meetings.


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

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

1.Name of Project	Expansion project of manufacturing of synthetic organic chemicals and allied chemicals
2.Type of institution	Private
3.Name of Project Proponent	Mr. Rajesh Shah and Mr. Ashish Kulkarni
4.Name of Consultant	Goldfinch Engineering Systems Private Limited
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. B-10, MIDC Nardana
9.Taluka	Sindkheda
10.Village	Bhabhale
11.Whether in Corporation / Municipal / other area	Gram Panchayat, Bhabhale.
12.IOD/IOA/Concession/Plan Approval Number	Not applicable IOD/IOA/Concession/Plan Approval Number: Not applicable Approved Built-up Area: 3300
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.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable

SEIAA Meeting No: 132 Meeting Date: June 13, 2018 (SEIAA-STATEMENT-0000000569)
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Shri. Anil Diggikar (Member Secretary SEIAA)

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.):
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	44540000



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22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Aluminium Chloride Hexa hydrate	0.5	00	0.5
2	Ammonium Iodide	0.15	00	0.15
3	Di Ammonium Hydrogen Phospahte	0.27	00	0.27
4	Di Potassium O-Phosphate anhydrous	1	00	1
5	Di Sodium Tetra borate decahydrate	0.24	00	0.24
6	Ferric Sulphate monohydrate	0.1	00	0.1
7	Iodophor	2	00	2
8	Phosphotungstic Acid	10	00	10
9	Phosphomolybdic Acid	2	00	2
10	Potassium Meta Vanadate	0.125	00	0.125
11	Silicotungstic Acid	15	00	15
12	Sodium Meta Vnadate	0.15	00	0.15
13	Carbon Disulphide Repacking	3	00	3
14	Diethyl Ether - Anaesthetic Ether	00	10	10
15	Diethyl Ether - Solvent Ether	00	45	45
16	Phenyl Hydrazine HCL	00	10	10
17	2,4 Dinitro Phenyl Hydrazine	00	3	3
18	Hydrazine Sulphate	00	5	5
19	Maleic Acid	00	2	2
20	Maleic Hydrazide	00	2	2
21	Fumaric Acid	00	2	2
22	Anthrone	00	1	1
23	Dithizone	00	1	1
24	1,5 Diphenyl Carbazide	00	1	1
25	Diphenyl Carbazone	00	0.5	0.5
26	Paradimethyl Amino Benzaldehyde	00	0.5	0.5
27	Benzanilide	00	3	3
28	Phenoxy Isopropyl Amine	00	10	10
29	Bromo-4 benzyloxy Propiophenone	00	5	5

30	Nak - Normal -1- (4-benzyloxy phenyl)-2-(1-methyl -2- phenoxy ethylamino) - propanone - 1- hydrochloride	00	5	5
31	2 Bromo,4-5 Dimethoxy Benzyl Bromide	00	5	5
32	3,4 Dimethoxy Benzaldehyde (Veratraldehyde)	00	5	5
33	5- Acetyl Methyl Salicylate	00	5	5
34	3,4,5 Trimethoxy Benzoic Acid	00	3	3
35	3,4,5 Trimethoxy Benzaldehyde	00	3	3
36	2 Amino 2 Phenyl butyric Acid	00	3	3
37	2-Dimethylamino 2 Phenyl butanol	00	3	3
38	Methyl 2- Dimethyl Amino 2- phenyl Butyrate	00	3	3
39	4 Methoxyphenyl Acetone	00	3	3
40	M- Nitro benzaldehyde	00	2	2
41	Halquinol	00	20	20
42	By-Products	--	--	--
43	Precipitated Silica	00	1.35	1.35
44	Bisulphite Solution	00	0.13	0.13
45	Sodium Sulphate Solid	00	15.478	15.478

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):	75 CMD
	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)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	2.0	0.0	2.0	0.5	0.0	1.0	1.5	0.0	1.5
Industrial Process	2.7	10.3	13.0	2.7	(+) 1.2	3.9	0.0	11.5	11.5
Cooling tower & thermopack	6.9	6.7	13.6	4.2	4.9	9.1	2.7	1.8	4.5
Gardening	3.0	2.0	5.0	3.0	2.0	5.0	0.0	0.0	0.0
Fresh water requirement	14.6	19.0	33.6	10.4	8.1	18.5	4.2	13.3	17.5
25.Rain Water Harvesting (RWH)	Level of the Ground water table:		NA						
	Size and no of RWH tank(s) and Quantity:		NA						
	Location of the RWH tank(s):		NA						
	Quantity of recharge pits:		NA						
	Size of recharge pits :		NA						
	Budgetary allocation (Capital cost) :		NA						
	Budgetary allocation (O & M cost) :		NA						
	Details of UGT tanks if any :		NA						
26.Storm water drainage	Natural water drainage pattern:		Provided by MIDC						
	Quantity of storm water:		NA						
	Size of SWD:		NA						

27.Sewage and Waste water	Sewage generation in KLD:	1.5
	STP technology:	NA
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA



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28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Nil
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	1. ETP Sludge + Salts from Evaporator(TPA) = Existing 0.84 TPA + 00 TPA proposed 5.68 + 343.2 TPA Total- 349.72 TPA 2. Process residue (TPA)= Existing 00 TPA + proposed 5.77(Anesthetic & solvent Ether) + 24.86 (Process) Total- 30.63 3. Spent Carbon (TPA)- Existing 0.2 TPA Proposed- 1.4 TPA Total- 1.6 TPA 4. Empty Drums (Nos.) - existing - 00 Nos. Proposed - 100 Nos.Total - 100 Nos.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	CHWTSDF, Ranjangaon
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Manufacturing Area, Admin Area , ETP, etc.
	Area for the storage of waste & other material:	900 Sq.m.
	Area for machinery:	61 Sq.m.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Included in to total cost
	O & M cost:	NA

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29.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	----	4-9	6.5-8.5	--
2	BOD (3 days 27° C)	mg/L	1800-2250	80-90	--
3	COD	mg/L	4000-5000	200-230	--
4	TSS	mg/L	400-500	80-90	--
5	Oil & Grease	mg/L	10-15	5-7	--
6	TDS	mg/L	80000-100000	<100	--
Amount of effluent generation (CMD):		17 .5			
Capacity of the ETP:		25 CMD			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		Primary , Secondary , Tertiary and treated effluentwater passes through RO, permeate is recycle and reuse and RO reject treated in Evaporator.			
Disposal of the ETP sludge		CHWTSDF, Ranjangaon			

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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP Sludge	35.3	TPA	0.84+ 00	5.68 + 343.2	349.72	CHWTSDF, Ranjangaon
2	Process residue	28.1	TPA	00	5.77 (Anesthetic & solvent Ether)+ 24.86(Process)	30.63	CHWTSDF, Ranjangaon
3	Spent Carbon (ETP)	36.2	TPA	0.2	1.4	1.6	CHWTSDF, Ranjangaon
4	Empty Drums	33.1	Nos./M	00	100	100	Sale to authorized recycler
5	Non-hazardous	-	-	-	-	-	-
6	PVC Woven Sack	-	Nos/M	50	-	50	Sale
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 (0.3 TPH)	LDO (25 Kg/hr)		1	15	0.25	145 degree C
2	Thermopac(3 Lac Kcal/hr)	FO(42.01 Kg/hr)		2	20	0.25	145 degree C
3	DG set(125 KVA)	HSD (28 lit/hr)		3	3.5	0.20	180 degree C
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing		Proposed		Total	
1	LDO	00		25 kg/Hr (For Boiler)		25 Kg/hr (For Boiler)	
2	FO	5000 lit/D (Used for boiler & themopac)		42.01 kg/Hr (For Thermopac)		42.01 Kg/hr(For Thermopac)	
3	HSD	200 Ltr/D		28 Lit/Hr		28 lit/hr	
33.Source of Fuel		Local Market					
34.Mode of Transportation of fuel to site		Tanker / Truck					
35.Energy							

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	247 KW
	During Operation phase (Demand load):	247 KW
	Transformer:	150 KVA
	DG set as Power back-up during operation phase:	125 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA
Energy saving by non-conventional method:		
NA		
36.Detail calculations & % of saving:		
Serial Number	Energy Conservation Measures	Saving %
1	NA	NA
37.Details of pollution control Systems		
Source	Existing pollution control system	Proposed to be installed
Air	By dispersal into atmosphere through chimney of adequate/recommended height.	Stack of Thermopac Will be increased by 5 meter
Water	Effluents generating from process is separating in two streams. High TDS stream being treated separately in a Evaporator of capacity 13 CMD. Condensate of MEE is mix with Low TDS & COD stream. Then it is treated in full-fledged Effluent treatment plant having capacity 25 CMD. Treated water passes through RO, permeate is recycle and reuse and RO reject treated in Evaporator. Unit will be running Zero liquid discharge	NA
Noise	Acoustic enclosure for Existing D.G of 125 KVA & PPE	NA
Solid Waste	Hazardous waste disposed to CHWTSDF	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA
38.Environmental Management plan Budgetary Allocation		
a) Construction phase (with Break-up):		

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air pollution control	Fuel burning, Stack/chimneys, Scrubbers - 02 Number	5	1.5
2	Water Pollution control	ETP Upgrading & Modernisation 25 CMD, RO Plant, Evaporator, Waste minimization of effluent recycle	73	1.46
3	Water Pollution control	ETP Upgrading & Modernisation 25 CMD, RO Plant, Evaporator, Waste minimization of effluent recycle	73	1.46
4	Noise pollution control	Acoustic encl./ Ant vibration pads	1	1
5	Occupational health	Medical checkup, Health insurance policy	4	1.35
6	Green belt	green belt development	1	0.4
7	Non-hazardous waste storage & Disposal	Transportation and disposal	1	1.4
8	Total	-	85	7.11

39.Storage of chemicals (inflamable/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
Alluminium Hydrate	Solid	HDPE Drum	0.2	0.2	0.167	Local	By Road
Ammonia	Liquid	HDPE Drum	0.2	0.2	0.198	Local	By Road
Di-Sodium Tetraborate	Solid	HDPE Bag	0.25	0.5	0.250	Local	By Road
Diethyl Ether	Liquid	MSGI Drum	5	20	13.500	Local	By Road
Di - Sodium Phosphate	Solid	HDPE Drum	0.5	1	0.6666	Local	By Road
Ferous sulphate	Solid	HDPE Drum	0.2	1	0.1111	Local	By Road
Hydrochloric Acid	Liquid	HDPE Drum	5	21	14.200	Local	By Road
Iodine	Solid	HDPE Drum	0.1	1	0.102	Local	By Road
hydrogen peroxide	Liquid	HDPE Drum	0.5	1	0.048	Local	By Road
Molybdenum Trioxide	Solid	HDPE Drum	1	2	2.0	Local	By Road
Nitric Acid	Liquid	HDPE Drum	0.15	0.5	0.10222	Local	By Road
NPEO	Solid	Fibre Drum	0.3	1	0.220	Local	By Road
Phosphoric Acid	Liquid	HDPE Drum	1	2	1.27758	Local	By Road
Potassium Hydroxide	Solid	HDPE Drum	0.5	1	0.8411	Local	By Road
Sodium Hydroxide	Solid	HDPE Drum	0.2	1	0.040	Local	By Road

Sodium Silicate	Liquid	HDPE Drum	3	5	6.500	Local	By Road
Sodium Tungstate	Solid	HDPE Drum	5	10	27.250	Local	By Road
Sulfuric Acid	Liquid	HDPE Drum	1	1	0.02888	Local	By Road
Vanadium Pentoxide	Solid	HDPE Drum	0.3	0.5	0.200	Local	By Road
Carbon Di - Sulphide Repacking	Liquid	SS tank	0.1	5	3.0	Local	By Road
1,5 diphynyl carbazide	Solid	HDPE Drum	0.2	0.2	0.625	Local	By Road
2 amino 2 phynyl buteric acid	Solid	HDPE Drum	3	3	8.275	Local	By Road
2,4 Dinitrochloro benzene	Solid	HDPE Drum	3	5	7.629	Local	By Road
3 hydroxy 4 methyl benzaldehyde	Liquid	HDPE Drum	3	5	9.524	Local	By Road
3,4,5 trimethoxy toulene	Liquid	HDPE Drum	2	3	3.600	Local	By Road
4 hydroxy propiophenone	Liquid	HDPE Drum	2	2	5.401	Local	By Road
Acetic acid	Liquid	HDPE Drum	1	2	1.336	Local	By Road
Acetone	Liquid	HDPE Drum	5	8	16.733	Local	By Road
Acetyl chloride	Liquid	HDPE Drum	1	3	3.653	Local	By Road
Aluminium chloride	Solid	HDPE Drum	3	5	7.230	Local	By Road
Ammonia	Liquid	HDPE Drum	3	5	11.066	Local	By Road
Ammonium chloride	Solid	HDPE Drum	2	2	2.481	Local	By Road
Aniline	Liquid	HDPE Drum	2	3	1.440	Local	By Road
Antroquinone	Solid	HDPE Drum	1	2	3.500	Local	By Road
Benzaldehyde	Liquid	HDPE Drum	5	15	15.0	Local	By Road
Benzoyl chloride	Liquid	HDPE Drum	2	3	2.304	Local	By Road
Benzyl chloride	Liquid	HDPE Drum	3	4	3.804	Local	By Road
Bromine	Liquid	Glass Bottle	3	10	13.737	Local	By Road
Chlorine	gas	MS Tunner	3	5	7.692	Local	By Road
Copper iodide	Solid	HDPE Drum	0.75	0.75	0.750	Local	By Road
Carbon disulphide	Liquid	MS Tank	3	10	0.0303	Local	By Road
Cyclohexane	Liquid	HDPE Drum	3	10	17.042	Local	By Road
Di methyl formamaide	Liquid	HDPE Drum	1	3	5.400	Local	By Road
Di methyl sulphate - DMS	Liquid	HDPE Drum	3	5	18.189	Local	By Road
Di methyl sulphate - DMS	Liquid	HDPE Drum	3	5	18.189	Local	By Road
Ethyl Acetate	Liquid	HDPE Drum	3	5	4.794	Local	By Road
Ethyl Alcohol	Liquid	MS Tank	24	24	98.214	Local	By Road
Ethylene di-chloride	Liquid	HDPE Drum	2	4	5.384	Local	By Road
Ethylen di chloride toulene	Liquid	HDPE Drum	1	6	6.0	Local	By Road
formaldehyde	Liquid	HDPE Drum	1	3	5.193	Local	By Road
formic acid	Liquid	HDPE Drum	1	3	6.435	Local	By Road
hydrogen peroxide 50 %	Liquid	HDPE Drum	3	10	30.960	Local	By Road
HBR 47 %	Liquid	HDPE Drum	2	10	86.640	Local	By Road
hydrazin hydrate	Liquid	HDPE Drum	3	5	7.298	Local	By Road
hydrazine sulphate	Solid	HDPE Drum	1	3	2.307	Local	By Road
hydrochloric acid	Liquid	HDPE Drum	3	5	8.620	Local	By Road

hydrochloric acid 30 %	Liquid	HDPE Drum	3	5	12.666	Local	By Road
hydrogen peroxide	Liquid	HDPE Drum	0.5	1	0.16666	Local	By Road
IPA	Liquid	MS Drum	1	3	5.761	Local	By Road
Magnease dioxide	Solid	HDPE Drum	1	2	2.400	Local	By Road
maleic anhydride	Solid	HDPE Bag	1	3	3.467	Local	By Road
MDS	Liquid	HDPE Drum	3	5	38.191	Local	By Road
methanol	Liquid	MSGI Drum	10	20	157.354	Local	By Road
methyl 2 chloropropane	Liquid	HDPE Drum	1	2	2.382	Local	By Road
methyl salicylate	Liquid	HDPE Drum	1	2	3.846	Local	By Road
monoethanol amine	Liquid	HDPE Drum	1	1	0.82896	Local	By Road
N, N dimethyl aniline	Liquid	HDPE Drum	1	1	0.520	Local	By Road
N, N dimethyl formamide	Liquid	HDPE Drum	1	1	0.880	Local	By Road
sodium Hydroxide 50 %	Liquid	HDPE Drum	2	3	5.716	Local	By Road
Nitric acid	Liquid	Glass Bottle	3	5	14.285	Local	By Road
Paramethoxy benzaldehyde	Liquid	HDPE Drum	1	2	2.617	Local	By Road
Para cresol	Solid	MSGI Drum	5	10	24.0	Local	By Road
Phenol	Solid	MSGI Drum	3	5	6.153	Local	By Road
Phenoxy isopropyle amine	Liquid	HDPE Drum	3	3	2.739	Local	By Road
phenyl hydrazine	Liquid	HDPE Drum	3	5	10.583	Local	By Road
phosphoryl chloride	Liquid	HDPE Drum	0.2	0.3	0.240	Local	By Road
potash alum	Solid	HDPE Bag	1	2	0.628	Local	By Road
potassium carbonate	Solid	HDPE Bag	3	5	4.109	Local	By Road
potassium permagnate	Solid	MS Drum	0.5	1	0.19047	Local	By Road
propiophenone	Liquid	HDPE Drum	1	2	3.111	Local	By Road
potassium hydroxide	Solid	HDPE Drum	1	1	0.166	Local	By Road
ranni nikel catalyst	Solid	HDPE Drum	0.2	0.4	0.100	Local	By Road
sodium acetate	Solid	HDPE Bag	1	1	0.440	Local	By Road
sodium bi carbonate	Solid	HDPE Bag	1	1	1.369	Local	By Road
sodium bi sulphite	Solid	HDPE Bag	1	1	0.07142	Local	By Road
sodium borohydride	Solid	HDPE Drum	1	1	2.156	Local	By Road
sodium carbonate	Solid	HDPE Bag	1	1	0.3622	Local	By Road
sodium chloride	Solid	HDPE Drum	1	1	0.0016917	Local	By Road
sodium cyanide	Solid	HDPE Drum	0.2	1	1.278	Local	By Road
sodium hydroxide	Solid	HDPE Bag	5	10	24.099	Local	By Road
Sodium metal	Solid	Tin MS Drum	1	2	11.400	Local	By Road
Sodium methoxide	Solid	HDPE Drum	1	2	1.036	Local	By Road
sulphuric acid	Liquid	HDPE Drum	5	10	71.357	Local	By Road
Toulene	Liquid	HDPE Drum	5	10	148.025	Local	By Road
urea	Solid	HDPE Drum	0.2	0.2	0.370	Local	By Road
8-Hydroxy Quinoline	Solid	HDPE Drum	3	5	13.636	Local	By Road

40.Any Other Information

No Information Available

	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	5(f)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	25-04-2017

3. The proposal has been considered by SEIAA in its 132nd 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	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.

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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 NASHIK
6. REGIONAL OFFICE MIDC NASHIK
7. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
8. COLLECTOR OFFICE AHMEDNAGAR
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