STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date:December 4, 2019

To,
Mr. Utsav Jhonsa
at Plot no – A-33, MIDC Kurkumbh, Tal- Daund, Dist- Pune, Maharashtra. 413802

Subject: Environment Clearance for Environmental Clearance for proposed expansion project of M/s Siddhivinayak Chemicals for production capacity enhancement.

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 168th 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 181st meetings.

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

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

1.Name of Project	M/s Siddhivinayak Chemicals.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Utsav Jhonsa
4.Name of Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.
5.Type of project	Expansion, Schedule 5 (f), Category - B1 under EIA Notification 2006.
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 – A-33, MIDC Kurkumbh, Tal- Daund, Dist- Pune, Maharashtra. 413802
9.Taluka	Daund
10.Village	Kurkumbh
Correspondence Name:	Mr. Utsav Jhonsa
Room Number:	E/210
Floor:	2nd Floor
Building Name:	Kailas Industrial Complex.
Road/Street Name:	Veer Savarkar Marg
Locality:	Park site
City:	Vikhroli (W), Mumbai
11.Whether in Corporation / Municipal / other area	MIDC – Kurkumbh
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area:

13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	2065 sq. m.
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**FSI area (sq. m.):** NA
	Non FSI area (sq. m.): NA
	Total BUA area (sq. m.): 1069
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** NA
	Approved Non FSI area (sq. m.): NA
	Date of Approval: 26-09-2017
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	50000000

22.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Tenoxicam Intermediate	80	Production will be Stopped	Production will be Stopped
2	Linezolid Intermediate	260	Production will be Stopped	Production will be Stopped
3	Linezolid	-	300	300
4	Desloratadine	-	100	100
5	3, 4 Dihydroxy Benzaldehyde	-	500	500
6	Febuxostat	-	300	300
7	Flavoxate HCL	-	200	200
8	Fluvoxamine Maleate	-	100	100
9	Montelukast	-	200	200
10	Pregabalin	-	500	500
11	Rosuvastatin Calcium	-	200	200
12	Rupatadine Fumarate	-	100	100
13	Tapentadol Hydrochloride	-	100	100
14	Tolfanamic Acid	-	1000	1000
15	Lornoxicam	-	250	250
16	Zolpidic Acid	-	500	500
17	Total	340 (Production will be Stopped)	4350	4350

23.Total Water Requirement

Dry season:	**Source of water**	NA
	Fresh water (CMD):	NA
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	NA
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA

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

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	0.855	0.27	1.125	0.0855	0.027	0.1125	0.7695	0.243	1.0125
Industrial Process	1	5.75	6.75	0	0	0	1	6.67	7.67
Cooling tower & thermopack	10	27.11	37.11	7.722	15.9072	23.63	0.3091	5.01	5.3192
Gardening	1.14	0.86	2	1.14	0.86	2	0	0	0
Fresh water requirement	12.995	33.99	46.985	8.3983	16.7942	25.7425	2.0786	11.923	14.00

25.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average premonsoon water level of Daund is 7.48 mbgl
	Size and no of RWH tank(s) and Quantity:	The rain water collected from roof top will be connected to the RWH tank of capacity 10 CMD.
	Location of the RWH tank(s):	Next to UG Tank.
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	1,00,000
	Budgetary allocation (O & M cost) :	5,000
	Details of UGT tanks if any :	Fire Fighting tank of 40 CMD capacity & U. G. Tank of 30 CMD capacity are provided.
26.Storm water drainage	**Natural water drainage pattern:**	Storm water drains of adequate capacity will be provided along the east & west boundaries of the plot.
	Quantity of storm water:	Maximum 63 m3/hr of storm water will be generated.
	Size of SWD:	The SWD having dimension of 0.5 m width X 1m height X 59m and 0.5 m width X 1m height X 35 m along the east & west and north boundaries of the plot respectively .

27.Sewage and Waste water	**Sewage generation in KLD:**	1.0125
	STP technology:	Sewage waste water will be collected in septic tank and further treated in the aeration tank of the effluent treatment plant.
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Shed made up of M.S. will be demolished. The Scrap MS material will be sold out to the scrap vendor.
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	Packing boards = 10 Kg/m
	Wet waste:	NA
	Hazardous waste:	Residue & Waste = 1.25 T/M, ETP Sludge = 600 Kg/m, Spent Carbon = 604.6 Kg/m, Distillation Residue =1961.7 Kg/m, Discarded containers barrels/liners/ plastic bags/ PPE etc = 1000 nos/m, Spent solvent = 24.5 TPM
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	Through local Municipal waste disposal system.
	Wet waste:	NA
	Hazardous waste:	All the Hazardous waste generated within the company premises will be disposed to CHWTSDF, Ranjangaon.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	Dedicated Hazardous Waste storage area of 10 sq. m. will be provided as depicted in the project plot layout plan.
	Area for the storage of waste & other material:	Dedicated Hazardous Waste storage area of 10 sq. m. will be provided as depicted in the project plot layout plan
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

29.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	5.8	7.2	5.5-8.5
2	TDS	mg/l	5128	3320	<4000
3	BOD	mg/l	4500	190	<3000
4	COD	mg/l	12000	780	<6000
5	O & G	mg/l	6.6	BDL	<10

Amount of effluent generation (CMD):	14.00 CMD
Capacity of the ETP:	15 CMD
Amount of treated effluent recycled :	Nil. Effluent after treatment in ETP will be further sent to CETP.
Amount of water send to the CETP:	14.00 CMD
Membership of CETP (if require):	Company is having membership of CETP, Kurkumbh. (Kurkumbh Environment Protection co-operative Society Maryadit.
Note on ETP technology to be used	All the effluent generated within the company premises will be treated in the ETP of capacity 15 CMD comprising of Primary, Secondary & tertiary treatment. Domestic waste water will be subjected to aeration tank (Secondary treatment) of ETP. The effluent after treatment will be further sent to CETP, Kurkumbh.
Disposal of the ETP sludge	ETP sludge will be disposed off to CHWTSDF, Ranjangaon.

30.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Residue & waste	28.1	Kg/M	1.25	-	1.25	CHWTSDF /Co-processing
2	ETP Sludge	35.3	kg/M	50	550	600	CHWTSDF /Co-processing
3	Spent Carbon	28.3	Kg/M	-	604.6	604.6	CHWTSDF /Co-processing
4	Distillation Residue	20.3	Kg/M	-	1961.7	1961.7	CHWTSDF /Co-processing
5	Discarded containers barrels/liners/ plastic bags/ PPE etc	33.1	Nos./M	-	1000	1000	To the authorized recycler
6	Spent solvent	28.6	MT/M	-	24.5	24.5	To the authorized recycler

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	850 kg/hour steam boiler	LDO 0.904 Kl/day	1	20	0.4	124
2	2 lakh kcal Thermic Fluid Heater	LDO 0.624 Kl/day	1	20	0.4	124
3	100 kVA Diesel Generator	High Speed Diesel – 10 l/day	2	3.0 (above roof level)	0.1	156
4	Scrubber	-	3	15m (above roof level)	0.2	30

32.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	LDO	0.20 KLD	1.328 KLD	1.528 KLD
2	High speed diesel	10 l/day	0	10 l/day
33.Source of Fuel		LDO : Local Supplier, High speed diesel: Local HP vendor		
34.Mode of Transportation of fuel to site		By Road		

35.Energy

Power requirement:	**Source of power supply :**	Maharashtra State Electricity Distribution Company Limited (MSEDCL)
	During Construction Phase: (Demand Load)	50 KVA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	184 KW
	During Operation phase (Demand load):	90 KVA
	Transformer:	184 KW
	DG set as Power back-up during operation phase:	1 x 100 KVA
	Fuel used:	High Speed Diesel
	Details of high tension line passing through the plot if any:	NA

Energy saving by non-conventional method:

8 nos of Solar street lights will be installed within the plot premises

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	Common stack of 11 m height for 0.6 TPH Boiler and 2 Lakh Kcal/hr Thermopack, to ensure effective dispersion of pollutants. 1 no of Alkali scrubber to scrub the process emissions. 1 m stack height for D. G set of 100 KVA capacity .	Common stack of 20 meters height attached to both boiler and thermopack. Alkali scrubber of 100 CFM capacity having stack height of 15m (above roof level). 1 m stack height for D. G set of 100 KVA capacity will be upgraded to 3 meters.
Water	ETP of 2 CMD capacity comprising of Primary, Secondary and Tertiary Treatment.	Existing ETP of 2 CMD capacity will be upgraded to 15 CMD capacity for treating additional effluent load after expansion. The ETP will comprise of Primary, Secondary and Tertiary Treatment.
Noise	Acoustic enclosures have been provided to D.G Sets. Preventive maintainance of all the noise generating equipments is being done	Existing pollution control systems are sufficient for the proposed expansion. A thick green belt will be provided on the periphery of the plant premises.
Soild hazardous waste	The hazardous waste is stored in a seperate demarcated area, the recyclables are sent to authorized vendors and the rest are sent to CHWTSDF for disposal	Existing pollution control systems are sufficient for the proposed expansion

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	Dust Generation due to demolition and construction of Raw material storage area and Process area.	Installation of barriers around the construction / demolition area, sprinkling of water for dust suppression, PPE's to workers exposed to dust pollution.	0.25
2	Water Pollution due to release of untreated sewage	Sewage effluent will be collected in septic tank and further will be treated in the aeration tank of ETP.	0.1
3	Noise pollution due to operation of heavy machinery and equipment	Installation of barriers around the construction / demolition area, PPE's to workers exposed to noise pollution.	0.25
4	Construction debris and construction waste	The waste with saleable value like metal scrap will be sold off, construction debris will be utilized within the plot for leveling purpose.	0.2

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	Upgradation of existing common stack of boiler & thermopack to 20 m height.	3	0.5
2	Water	Up gradation of existing ETP to 15 CMD capacity .	35	3
3	Noise	Development of acoustic enclosures and installation of shock absorbers & vibration absorbing pads.	1	0.5
4	Occupational Health	Purchase of PPE's and health check ups.	0.5	0.5
5	Green Belt	Development of green belt.	1.50	0.8
6	Solid Waste	Purchase of solid waste storage bags, containers.	1.50	1
7	Rain water harvesting	Provision of RWH system along with above ground collection tank of 10 CMD.	1	0.05

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
3,4 DFNB	Liquid	Enclosed shed	0.2	0.2	0.45887	Import	By air/sea and road
Morpholine	Liquid	Enclosed shed	0.2	0.2	0.30286	Local	By Road
Sodium Carbonate	Solid	Enclosed shed	0.2	0.2	0.87782	Local	By Road
Ethyl Acetate	Liquid	Enclosed shed	1.8	1.8	11.69076	Local	By Road
5% Pd/c	Solid	Enclosed shed	0.005	0.005	0.00687	Local	By Road
Hydrogen Gas	Gas	Enclosed shed	0.002	0.002	1.28763	Local	By Road
Methanol	Liquid	Enclosed shed	1.58	1.58	36.01166	Local	By Road
R-Epichlorohydrin	Liquid	Enclosed shed	0.2	0.2	0.28909	Import	By air/sea and road
DMF	Liquid	Enclosed shed	1.9	1.9	9.29326	Local	By Road
Potassium pthalimide	Solid	Enclosed shed	0.2	0.2	0.53321	Local	By Road
Ethylene Chloride	Liquid	Enclosed shed	2.5	2.5	20.25493	Local	By Road
Triphosgin	Solid	Enclosed shed	0.07	0.07	0.27367	Local	By Road
Tri Ethyl Amine	Liquid	Enclosed shed	0.2	0.2	0.75554	Local	By Road
Sodium Bicarbonate	Solid	Enclosed shed	0.025	0.025	0.02737	Local	By Road
Hydrazine Hydrate	Liquid	Enclosed shed	0.2	0.2	0.76717	Local	By Road
Activated Carbon	Solid	Enclosed shed	0.1	0.1	0.26665	Local	By Road
Methylene Chloride	Liquid	Enclosed shed	2.66	2.66	15.83067	Local	By Road
Acetic Anhydride	Liquid	Enclosed shed	0.2	0.2	0.46552	Local	By Road
Liquor Ammonia	Liquid	Enclosed shed	0.2	0.2	1.70153	Local	By Road
Thiophene Ester	Solid	Enclosed shed	0.075	0.075	0.37226	Import	By air/sea and road
Magnesium Metal	Solid	Enclosed shed	0.05	0.05	0.13401	Local	By Road
HCL	Liquid	Enclosed shed	0.35	0.35	6.86534	Local	By Road
Acetone	Liquid	Enclosed shed	0.316	0.316	0.71734	Local	By Road
Dimethyl Sulphate	Liquid	Enclosed shed	0.2	0.2	0.17705	Local	By Road
Sodium Hydroxide	Solid	Enclosed shed	0.2	0.2	1.67192	Local	By Road
Xylene	Liquid	Enclosed shed	1.76	1.76	25.88333	Local	By Road
2 Amino Pyridine	Solid	Enclosed shed	0.05	0.05	0.10833	Local	By Road
Potassium Carbonate	Solid	Enclosed shed	0.2	0.2	1.00093	Local	By Road
2 amino 5 methyl pyridine	Solid	Enclosed shed	0.1	0.1	0.2572	Local	By Road
Aluminum Chloride	Solid	Enclosed shed	0.05	0.05	0.12058	Local	By Road
4 Methyl Acetophenone	Solid	Enclosed shed	0.2	0.2	0.43724	Local	By Road
Bromine	Liquid	Enclosed shed	0.05	0.05	0.46811	Local	By Road
Toluene	Liquid	Enclosed shed	1.734	1.734	5.32891	Local	By Road
Oxalyl Chloride	Liquid	Enclosed shed	0.2	0.2	0.35185	Local	By Road
Acetic Acid	Liquid	Enclosed shed	0.175	0.175	0.6616	Local	By Road
DEG	Liquid	Enclosed shed	0.6	0.6	3.05	Local	By Road

Potassium Hydroxide	Solid	Enclosed shed	0.2	0.2	0.2879	Local	By Road
Loratadine	Solid	Enclosed shed	0.05	0.05	0.11574	Local	By Road
3 Chloromethyl 5 methyl pyridine HCL	Solid	Enclosed shed	0.05	0.05	0.06296	Local	By Road
TBAB	Solid	Enclosed shed	0.005	0.005	0.00463	Local	By Road
Potassium Dihydrogen Phosphate Fumaric Acid	Solid	Enclosed shed	0.01	0.01	0.01019	Local	By Road
Vanillin	Liquid	Enclosed shed	0.2	0.2	0.76923	Local	By Road
Pyridine	Liquid	Enclosed shed	0.2	0.2	1.04615	Local	By Road
N-1(3-cyano)	Solid	Enclosed shed	0.1	0.1	0.27174	Local	By Road
Barium Hydroxide	Solid	Enclosed shed	0.05	0.05	0.14946	Local	By Road
3- methylflavone	Solid	Enclosed shed	0.05	0.05	0.09091	Local	By Road
Piperidine Ethanol	Liquid	Enclosed shed	0.05	0.05	0.05818	Local	By Road
Thionyl Chloride	Liquid	Enclosed shed	0.2	0.2	0.07455	Local	By Road
IPA HCL	Liquid	Enclosed shed	0.2	0.2	0.21528	Local	By Road
N-1(Fluvoxamine Maleate)	Solid	Enclosed shed	0.05	0..05	0.08929	Local	By Road
PEG 400	Liquid	Enclosed shed	0.2	0.2	0.35714	Local	By Road
2- Chloroethyl Amine	Liquid	Enclosed shed	0.04	0.04	0.04464	Local	By Road
Maleic Acid	Solid	Enclosed shed	0.01	0.01	0.0125	Local	By Road
Benzapropanol	Solid	Enclosed shed	0.2	0.2	0.11765	Local	By Road
I-mercapto methyl	Solid	Enclosed shed	0.04	0.04	0.04118	Local	By Road
Dimethyl Sulfoxide	Liquid	Enclosed shed	0.2	0.2	0.51765	Local	By Road
Sodium Methoxide	Solid	Enclosed shed	0.2	0.2	0.22824	Local	By Road
Di cyclohexylamine	Liquid	Enclosed shed	0.05	0.05	0.05882	Local	By Road
Hexane	Liquid	Enclosed shed	0.2	0.2	0.37647	Local	By Road
Ethanol	Liquid	Enclosed shed	0.2	0.2	0.29176	Local	By Road
N-Heptane	Liquid	Enclosed shed	0.2	0.2	0.73882	Local	By Road
N-1(Pregabalin)	Solid	Enclosed shed	0.2	0.2	0.90909	Local	By Road
Sodium Hypochlorite	Liquid	Enclosed shed	0.05	0.05	3.16364	Local	By Road
Isopropanol	Liquid	Enclosed shed	0.4	0.4	1.84545	Local	By Road
Tert. Butyl Rosuvastatin	Liquid	Enclosed shed	0.05	0.05	0.24691	Local	By Road
Calcium Chloride	Solid	Enclosed shed	0.05	0.05	0.05926	Local	By Road
N-1(Tapentadol Hydrochloride)	Solid	Enclosed shed	0.05	0.05	0.13889	Local	By Road
2-Methyl THF	Liquid	Enclosed shed	0.2	0.2	0.25	Local	By Road
Trifloro Acetic Anhydride	Liquid	Enclosed shed	0.05	0.05	0.16111	Local	By Road
10% Pd/C	Solid	Enclosed shed	0.005	0.005	0.01667	Local	By Road
IPA	Liquid	Enclosed shed	0.4	0.4	1.83333	Local	By Road
3-CMA	Solid	Enclosed shed	0.2	0.2	0.8	Local	By Road
OCBA	Solid	Enclosed shed	0.5	0.5	1.68	Local	By Road
Copper Powder	Solid	Enclosed shed	0.005	0.005	0.016	Local	By Road
Fumaric Acid	Solid	Enclosed shed	0.025	0.025	0.03333	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	B1
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900

3. The proposal has been considered by SEIAA in its 181st 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 prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.
II	PP to prepare all safety training module in Marathi language so as to increase its effectiveness.
III	PP to include water and carbon foot print in the Environmental Monitoring Plan.
IV	PP to ensure that CER plan get approved from District Collector.
V	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. SO2, NOx (ambient levels as well as stack emissions) or critical sectorai 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.

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, 1stFloor, 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. MUNICIPAL COMMISSIONER PUNE

6. MUNICIPAL COMMISSIONER SATARA

7. REGIONAL OFFICE MPCB PUNE

8. REGIONAL OFFICE MIDC PUNE

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