

S. J. PANDIT, IFS (Retd.)  
MEMBER SECRETARY  
SEIAA (GUJARAT)



STATE LEVEL ENVIRONMENT  
IMPACT ASSESSMENT  
AUTHORITY  
GUJARAT

Government of Gujarat

No. SEIAA/GUJ/EC/5(f)/ 2074 /2021

Date: 28 DEC 2021

By R P A D  
Time Limit

Sub: Environment Clearance to M/s. Diamines and Chemicals Limited for setting up expansion in manufacturing plant of 'Synthetic Organic Chemicals' at Plot No. 13, P.C.C. Area, P.O. Petrochemicals, Baroda. In Category 5(f) of Schedule annexed with EIA Notification dated 14/09/2006.

Ref: Your Proposal No. SIA/GJ/IND2/63416/2020.

Dear Sir,

This has reference to your application along with EIA report dated 21/06/2021 submitted to SEIAA, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for Environmental Clearance to M/s. Diamines and Chemicals Limited for setting up expansion in manufacturing plant of 'Synthetic Organic Chemicals' at Plot No. 13, P.C.C. Area, P.O. Petrochemicals, Baroda. It is an existing unit for manufacturing following products, which falls in the category - 5(f) of the schedule of the EIA Notification-2006:

Sr. No.	Name of Product	Cas No.	Existing	Proposed	Total	End Use
			Quantity MT/Month			
<b>Group - 1 Product Mix Of Ethylene Amine &amp; Piperazine (By Cpa Route)</b>						
1.	Product Mix of Ethylene Amine & Piperazine (By EDC Route)		212	-212	0	--
	Or					
	Product Mix of Ethylene Amine & Piperazine (By CPA Route)		239	0	239	Specialty Chemicals & Pharma Intermediate
	Or					
	N-Methyl Pyrrolidine				0	--
2	EDA Phosphate		25	-25	0	--
<b>GROUP - 2 PIPERAZINE DERIVATIVES</b>						
3	Piperazine Citrate	144-29-6	0	525	525	Pharmaceutical Intermediate
4	Piperazine Hexahydrate	142-63-2				Pharmaceutical Intermediate
5	Piperazine Adipate	142-88-1				Pharmaceutical Intermediate
6	Piperazine Dihydrochloride	142-64-3				Pharmaceutical Intermediate
7	Piperazine Phosphate	18534-18-4				Pharmaceutical Intermediate
8	1-Methyl Piperazine	109-01-3				Pharmaceutical Intermediate for Olanzapine, Levocetizine, ofloxacin, Rifampicin, Clozapine, Sildenafil, Trifluoperazine and Zopiclone.
	1,4-Dimethyl Piperazine	106-58-1				Catalyst for polyurethane foams and intermediate for cationic surfactants
	Ethyl Piperazine	5308-25-8				Pharmaceutical Intermediate, Enrofloxacin, Intermediate for Dyes
	1,4-Diethyl Piperazine	6483-50-7				Pharmaceutical intermediate
12	1-(2-Hydroxyethyl)	103-76-4				Pharmaceuticals

Piperazine						Intermediate
<b>GROUP 3 - AMIDES</b>						
13	Isobutyramide	563-83-7	0	50	50	Pharmaceutical intermediate
14	Salicylamide	65-45-2				Pharmaceutical intermediate
15	Lithium Amide	7782-89-0				Catalyst for many organic reactions, polymer industries, advanced fuel cells and battery applications
<b>GROUP 4 - NITRILES (AMMOXIDATION &amp; AMMONOLYSIS)</b>						
16	Butyronitrile	109-74-0	0	300	300	Used in electrolyte composition in dye-sensitized solar cells.
17	Isobutyronitrile	78-82-0				As a catalyst in the polymerization of Ethylene, Additive
18	Benzonitrile	100-47-0				Intermediate for Rubber, Solvent, Resins, Polymer, Pharmaceutical Intermediate
19	2-Chlorobenzonitrile	873-32-5				Pharmaceutical intermediates, OTBN, Losartan, Valsartan, Telmisartan, Sartan Series etc.
20	3-Chlorobenzonitrile	766-84-7				Pharmaceuticals, Chemical intermediates and High performance pigments.
21	4-Chlorobenzonitrile	623-03-0				Pharmaceutical Intermediate, Letrazole, In Dyes, Plastics etc.
22	2,4 Dichlorobenzonitrile	6574-98-7				Pharmaceuticals Intermediate.
23	2,3 Dichlorobenzonitrile	6574-97-6				It is used Dye stuff. Intermediate for 2-fluoro-3-chlorobenzonitrile and 6-amino-10-chlorobenzo[c]quinolizinium chloride.
24	2,6 Dichlorobenzonitrile	1194-65-6				cellulose synthesis Inhibitor
<b>GROUP - 5 AMINES/HYDROGENATION PRODUCTS</b>						
25	Propylenediamine	78-90-0	0	500	500	In Plastics, Polymers, Surface Treatment Agent
26	[(4R,6R)-6-(2-Amino-Ethyl)-2,2-Dimethyl-[1,3]Dioxan-4-yl]-Acetic Acid Tert-Butyl Ester]	125995-13-3				Atorvastatin
27	1-Aminonaphalene	134-32-7				Leather, Textile. Dyes, Photo resists, Light-emitting device, Disk, Display Device, Oil Products, Construction Materials etc.
28	2,4-Difluorobenzylamine	72235-52-0				Pharmaceutical Intermediate
29	o-Phenylenediamine	95-54-5				Pharmaceutical Intermediate, Antioxidants in Rubber Industry. Intermediate for Benzotriazole, Corrosion inhibitor
30	m-Phenylenediamine	108-45-2				In Polymers, Epoxy Resins, Coatings, Adhesives, Dyes, Leather and Textiles Industries.
31	p-Phenylenediamine	106-50-3				Hair Dyes, Rubber, Polymers etc.

32	N-Octyl-D-Glucamine	23323-37-7				Pharmaceutical Intermediate, S-(+)-ketoprofen etc.
33	2-Chlorophenylethylamine	13078-80-3				Intermediates, Fine and Specialty Chemicals.
34	Meta Amino BenzoTrifluoride / MABTF	98-16-8				Pharmaceutical Intermediate
35	5-Hydroxy methylthiazole	38585-74-9				Pharmaceutical Intermediate
36	4-Methyl-2-n-propyl-1H-Benzimidazole-6-Carboxylic Acid	152628-03-0				Pharmaceutical Intermediate, Telmisartan API
37	S) - (+) - 3-Aminomethyl - 5 - Methyl Hexanoic Acid	148553-50-8				Pharmaceutical Intermediate, Pregabalin API
38	3,5- Dimethylpiperidine	35794-11-7				Corrosion inhibitor, Gels etc.
39	Piperidine-2-Ethanol	1484-84-0				Pharmaceutical Intermediate, Lubricant, Additives etc.
40	4,4'-Diaminostilbene-2,2'-disulfonic Acid]	81-11-8				Colorants, Dyes, Textiles, Cosmetics, Tatroo Inks, Hair Dye, Food colorants, Printing etc.
41	Phenylethylamine	64-04-0				Pharmaceutical Intermediate
<b>GROUP - 6 KETONIZATION PRODUCTS</b>						
42	Diethyl ketone	96-22-0	0	500	500	Pharmaceutical Intermediate, Vitamin E, Solvent in Paint etc.
43	Propiophenone	93-55-0				Pharmaceutical Intermediate, Ketoamphetamines, Cathinone and Methcathinone
44	Dicyclohexyl ketone	119-60-8				Intermediate for 1, 1 - Dicyclohexylethanol, bis (1-bromocyclohexyl) ketone in checmical industries.
45	Cyclohexyl phenyl ketone	712-50-5				Dicyclomide
46	Isobutyrophenone	611-70-1				Intermediate for 1-Hydroxycyclohexyl phenyl ketone.
47	Cyclopentanone	120-92-3				Photosensitizer Intermediate, Intermediate for alpha-hydroxyisobutyrophenone, 3-hydroxy-4-methyl-3-phenyl-valeric acid ethyl ester
48	Pinacolone	75-97-8				Fragrances
<b>GROUP - 7 ALDEHYDES</b>						
49	4-Methylbenzaldehyde	104-87-0	0	50	50	Pharmaceutical Intermediate for Pinacidil, Naminidil, and Valconazole.
<b>GROUP - 8 SPECIALITY CHEMICALS</b>						
50	Allyl Amine	107-11-9	0	50	50	Cosmetic, Flavouring Ingredient etc.
51	Diallyl Amine	124-02-7				Pharmaceutical Intermediate, Solvent etc.
52	Triallyl Amine	102-70-5				Pharmaceutical Intermediate, Solvent etc.
53	Aminoacetaldehyde Dimethyl Acetal	22483-09-6				Intermediate for Ion Exchange Resins and Rubber.
						Pharmaceutical Intermediate, Intermediate for preparation of chitosan - dendrimer and synthesis of

						a bicyclic proline analog from L-ascorbic acid.
<b>GROUP – 9 RESEARCH &amp; DEVELOPMENT BASED PRODUCTS</b>						
54	R & D	--	0	0.1	0.1	--
55	Pilot Plant	--	0	4	4	--
<b>GROUP – 10 FORMULATION</b>						
56	33% solution of TEDA in MEG(Monoethylene Glycol )	280-57-9	0	10.5	10.5	--
57	33% solution of TEDA in DPG (Dipropylene Glycol)	280-57-9	0	10.5	10.5	--
58	33% solution of TEDA in DMF(Dimethyl Formamide)	280-57-9	0	2.5	2.5	--
59	33% solution of TEDA in Butanediol	280-57-9	0	2.5	2.5	--
<b>TOTAL</b>			<b>264</b>	<b>2005.1</b>	<b>2244.1</b>	

The project activity is covered in 5(f) and is of 'B' Category. Since, the proposed project is located in notified industrial area, public consultation is not required as per paragraph 7(i) (III) (i) (b) of the Environment Impact Assessment Notification-2006.

The SEAC, Gujarat vide their letter dated 04/12/2021 had recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above-mentioned project based on its meeting held on 18/11/2021. The proposal was considered by SEIAA, Gujarat in its meeting held on 17/12/2021 at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September, 2006 subject to the compliance of the following conditions.

**A.CONDITIONS :**

**A.1SPECIFIC CONDITION :**

1. Project proponent (PP) shall install CEMS [Continuous Emission Monitoring System] in line to CPCB directions to all SPCB vide letter no. B-29016/04/06PCI-1/5401 dated 05/02/2014 for effluent discharge and air emission as per pollutants discharge/emission from respective project and an arrangement shall also be done for reflecting the online monitoring results on the company's server, which can be assessable by the GPCB/CPCB on real time basis. [For Small/Large/Medium (Red Category) & Whichever (Air emission & Effluent discharge) is applicable].
2. PP shall strictly complying of each and every conditions of GPCB circular dated 03/11/2018 for manufacturing of dirty product namely MPDSA before start proposed expansion of production plant.
3. Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained.
4. PP shall discontinue FO as fuel for TFH after commissioning of proposed expansion project as per details submitted by PP.
5. R & D products shall be of similar chemistry in line with the EIA Notification vide S.O. 1223 (E) dated 27/03/2020 and the pollution load shall remain the same as committed. (b) Project proponent shall not take continuous/commercial production of the R & D materials. Necessary approvals shall be obtained from the concern authorities prior to commercial production of R & D materials. (c) Unit shall submit relevant details of R & D products like raw materials, its safety measures to the regulatory authority well before R & D activity. (d) Unit shall submit relevant details of R & D products like different wastes generated (Quantity & Quality) and its management to the regulatory authority within a month of R & D activity.
6. PP shall discontinue existing Ethylene Amine & Piperazine (By EDC Route), N –Methyl Pyrrolidine & EDA Phosphate = 25 MT/Month after EC and CTE for proposed expansion project as per details submitted by PP.
7. PP shall not manufacture more than twelve (12) products at a time from proposed product list as per area adequacy submitted by PP.
8. The National Ambient Air Quality Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16th November, 2009 shall be complied with.
9. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G. S. R. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.
10. Unit shall have to adhere to the prevailing area specific policies of GPCB with respect to the discharge of pollutants, and shall carry out the project development in accordance & consistence with the same.
11. The project proponent must strictly adhere to the stipulations made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority.
12. All measures shall be taken to avoid soil and ground water contamination within premises.
13. PP shall obtain CGWA permission for ground water source within premises for proposed expansion project before start expansion production plant.
14. **Safety & Health:**
  - a) PP shall obtain PESO permission for the storage and handling of hazardous chemicals.
  - b) PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U

- and full time medical officer employed for proposed project.
- c) PP shall obtain fire safety certificate / Fire No-Objection certificate (NOC) from the concern authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.
  - d) Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.
  - e) PP shall carry out mock drill within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or accident.
  - f) PP shall install adequate fire hydrant system with foam trolley attachment within premises and separate storage of water for the same shall be ensured by PP.
  - g) PP shall take all the necessary steps for control of storage hazards within premises ensuring incompatibility of storage raw material and ensure the storage keeping safe distance as per the prevailing guidelines of the concerned authority.
  - h) PP shall take all the necessary steps for human safety within premises to ensure that no any harm is caused to any worker/employee or labor within premises.
  - i) Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.
  - j) Unit shall never store drum/barrels/carboys of incompatible material/chemical together.
  - k) Unit shall provide water sprinkler and bund/ dyke wall to ammonia storage tank.
  - l) Unit shall provide chlorine leakage control emergency kit and FRP hood with scrubber system for chlorine safety.
  - m) Unit shall provide effective fire hydrants, water monitors & foam application system at solvent storage tank farm area. Unit shall provide adequate safety system such as water sprinklers, water curtains, foam pouring system etc. to restrict cascade fire emergency in solvent tank farm
  - n) Unit shall provide safety valve & rupture disc to the Hydrogenation vessel
15. Unit shall comply with all the orders passed by the Hon'ble National Green Tribunal (NGT), New Delhi in Original Application No. 1038/2018 dated 10/07/2018.
  16. Unit shall stand in compliance to Office Memorandum (OM) vide Letter No. F. No. 22-23/2018 – IA.III (Pt) dated 31/10/2019 regarding Compliance of Hon'ble National Green Tribunal (NGT) order dated 19.08.2019 (Published on 23/08/2019) in Original Application No. 1038/2018.
  17. No project/activity in contradiction to the orders passed by the Hon'ble National Green Tribunal (NGT), New Delhi in Original Application No. 1038/2018 dated 10/07/2018 shall be carried out else the granted Environment Clearance shall stand cancelled.
  18. Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapors in such a manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises. (If there is in-house solvent recovery and in-house distillation)
  19. Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained
  20. Unit shall explore the possibilities for environment friendly methods for disposal of Incinerable & land fillable wastes before sending to CHWIF/TSDF sites respectively.
  21. Unit shall install CEMS in line to CPCB directions to all SPCB vide letter no. B-29016/04/06PCI-1/5401 dated 05.02.2014 for effluent discharge and air emission as per pollutants discharge/emission from respective project and an arrangement shall also be done for reflecting the online monitoring results on the company's server, which can be assessable by the GPCB/CPCB on real time basis. [Whichever (Air emission & Effluent discharge) is applicable as per the prevailing guidelines of GPCB/CPCB].
  22. All measures shall be taken to prevent soil and ground water contamination.
  23. The National Ambient Air Quality Emission Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16th November, 2009 shall be complied with.
  24. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G. S. R. 608 (E) dated 21/07/2010 and amended from time to time shall be followed.
  25. Unit shall have to adhere to the prevailing area specific policies of GPCB with respect to the discharge of pollutants, and shall carry out the project development in accordance & consistence with the same.
  26. Unit shall provide CCTV camera at strategic locations within premises with web link facility for the continuous monitoring and recording to ensure that there is no discharge from the premises. (As per the prevailing guidelines of GPCB).
  27. Third party monitoring of the functioning of the EMS along with its efficiency shall be carried out once in a year through a GPCB recognized auditors.

#### **A. 2 WATER :**

28. Total water requirement for the project shall not exceed 612 KLD. Unit shall reuse 85 KLD of treated industrial effluent within premises. Hence, fresh water requirement shall not exceed 527KLD and it shall be met through bore well supply only. Prior permission from concerned authority shall be obtained for withdrawal of water.



29. The industrial effluent generation from the project shall not exceed 409 KLD after expansion.
30. Total Industrial effluent shall be segregated at source and it shall be managed as below.
- 244 KLD concentrated effluent shall be treated in in-house ETP and then treated effluent shall be evaporated in in-house MEE. 25 + 30 KLD RO reject shall be evaporated in in-house MEE. 292 KLD, MEE condensate shall be further treated in SBT system and then treated effluent shall be disposed into M/s. VECL effluent conveyance pipeline leading to estuary zone of River Mahi.
  - 115 KLD, dilute stream from utility shall be treated in ETP and RO plant. 30 KLD, RO reject shall be evaporated in in-house MEE while 85 KLD, RO permeate shall be reused back in process within premises.
  - 25 KLD, effluent from scrubber shall be sold to end users having Rule-9 permission under Hazardous waste Rules'2016.
31. Unit shall discharge treated wastewater to M/s VECL effluent conveyance pipeline only after complying with inlet norms prescribed by GPCB and ensuring content of effluent for COD/VOC so as not to get air borne during evaporation in order to achieve no adverse impacts on Environment and Human Health.
32. Domestic wastewater generation shall not exceed 40 KL/day for proposed project and it shall be treated in STP. It shall not be disposed off through soak pit/ septic tank. Treated sewage shall be utilized for gardening and plantation purpose within premises after achieving on-land discharge norms prescribed by the GPCB.
33. During monsoon season when treated sewage may not be required for the plantation / Gardening / Green belt purpose, it shall be disposed in GIDC drainage.
34. Unit shall provide buffer water storage tank of adequate capacity for storage of treated effluent during any emergency or shutdown of in-house MEE.
35. The unit shall provide metering facility at the inlet and outlet of ETP, MEE and maintain records for the same.
36. Proper logbooks of ETP and MEE; chemical consumption in effluent treatment; quantity & quality of effluent disposal to VECL pipeline, quantity & quality of reuse of treated effluent, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.

**A.3AIR:**

37. Unit shall not exceed fuel consumption for Boiler, TFH and D.G.sets as mentioned below:

SR. NO.	SOURCE OF EMISSION WITH CAPACITY	STACK HEIGHT (METER)	TYPE OF FUEL	QUANTITY OF FUEL/ DAY	TYPE OF EMISSIONS I.E. AIR POLLUTANTS	AIR POLLUTION CONTROL MEASURES (APCM)
<b>EXISTING</b>						
1	Steam Boiler (Capacity: 6.0 TPH)	30 MT (Common Stack)	Coal	16.8 MT/Day	PM SO <sub>2</sub> NO <sub>x</sub>	Multi Cyclone Separator with Bag Filter + Water Scrubber
2	Steam Boiler (Capacity: 7.0 TPH) Standby					
3	TFH (15 Lacs Kcal/hr)		FO/ LDO	3.12 KL/Day		Adequate stack height
4	D. G. Set (2 Nos.) Stand By (Capacity : 500 KVA)	11	HSD	3.50 KL/Day		Adequate stack height
<b>PROPOSED</b>						
1	Steam Boiler Coal based (Capacity: 15.0 TPH)	40	Imported Coal/Bio Briquette from Sugarcane Waste/ Rice Husk/ Pea-Nut Husk	65 MT/Day or 102 MT/ Day	PM SO <sub>2</sub> NO <sub>x</sub>	ESP System + Water Scrubber
2	D. G. Set (Capacity : 1000 KVA)	11	HSD	2 KL/Day		Adequate stack height
<b>TOTAL</b>						
1	Steam Boiler (Capacity: 6.0 TPH)	30 MT (Common Stack)	Coal	16.8 MT/Day	PM SO <sub>2</sub> NO <sub>x</sub>	Multi Cyclone Separator with Bag Filter + Water Scrubber
2	Steam Boiler (Capacity: 7.0 TPH) Standby					
3	TFH (15 Lacs Kcal/hr)					
4	Steam Boiler Coal based	40	Imported Coal/Bio	65 MT/Day or 102 MT/ Day	PM SO <sub>2</sub>	ESP System + Water Scrubber

	(Capacity: 15.0 TPH)		Briquette from Sugarcane Waste/ Rice Husk/ Pea-Nut Husk		NO <sub>x</sub>	
5	D. G. Set (2 Nos.) Stand By (Capacity : 500 KVA)	11	HSD	3.50 KL/Day	PM SO <sub>2</sub> NO <sub>x</sub>	Adequate stack height
6	D. G. Set (Capacity : 1000 KVA)	11	HSD	2 KL/Day		Adequate stack height

38. Unit shall provide adequate APCM with flue gas generation sources as mentioned above:

39. Unit shall provide adequate APCM with process gas generation sources as mentioned below:

Sr. no.	Specific Source of emission (Name of the Product & Process)	Type of emissions i.e. Air Pollutants (SO <sub>2</sub> , HCl, Cl etc.)	Stack/Vent Height (meter)	Air Pollution Control Measures (APCM)
Existing				
1	Vessel 103,104,105	NH <sub>3</sub>	12	Water Scrubber
2	Crystallization of EA Plant		30	Ventury Water Scrubber
Proposed				
1	Reaction Vessel	HCl Cl <sub>2</sub>	12	Two Stage Water & Alkali Scrubber
2	Reaction Vessel	NH <sub>3</sub>	12	Two Stage Acidic Scrubber
Total				
1	Vessel 103,104,105 (Existing)	NH <sub>3</sub>	12	Water Scrubber
2	Reaction Vessel (New)	HCl Cl <sub>2</sub>	12	Two Stage Water & Alkali Scrubber
3	Reaction Vessel (New)	NH <sub>3</sub>	12	Two Stage Acidic Scrubber

40. The fugitive emission in the workzone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.

- > Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.
- > Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.
- > A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.

41. Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.

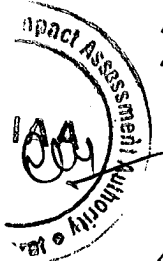
42. For control of fugitive emission, VOCs, following steps shall be followed :

- o Closed handling and charging system shall be provided for chemicals.
- o Reflux condenser shall be provided over Reactors / Vessels.
- o Pumps shall be provided with mechanical seals to prevent leakages.
- o Air borne dust at all transfers operations/ points shall be controlled either by spraying water or providing enclosures.

43. Solvent management shall be carried out as follows :

- ✓ Measures shall be taken to reduce the process vapors emissions as far as possible. Use of toxic solvents shall be minimum. All venting equipment shall have vapour recovery system
- ✓ Reactor shall be connected to adequate chilling system to condensate solvent vapors and reduce solvent losses.
- ✓ Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
- ✓ The condensers shall be provided with sufficient HTA and residence time so as to achieve maximum solvent recovery.
- ✓ Solvents shall be stored in a separate space specified with all safety measures.
- ✓ Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
- ✓ Solvent storage and handling area shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.

44. Regular monitoring of groundlevel concentration of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>, NH<sub>3</sub>, HCl, Cl<sub>2</sub> and VOCs shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards



stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.

**A.4 SOLID / HAZARDOUS WASTE:**

45. All the Hazardous Waste management shall be taken care as mentioned below:

Sr. no.	Type/Name of Hazardous waste	Specific Source of generation (Name of the Activity, Product etc.)	Category and Schedule as per HW Rules.	Quantity (MT/Annum)			Management of HW
				Existing	Proposed	Total	
1	Used Spent Oil	Equipment & Machineries	Schedule -I - 5.1)	0.07	0.93	1.0	Collection, Storage, Transportation & Disposal by selling to registered recycler.
2	Discarded Containers / Bags / Liners	Storage & handling of Raw Materials	Schedule - I (33.1)	MS - 1000 Nos. HDPE - 100 Nos. Fiber - 500 Nos.	MS- 2000 Nos. HDPE- 400 Nos. Fiber- 1500 Nos.	MS- 3000 Nos. HDPE- 500 Nos. Fiber - 2000 Nos.	Collection, Storage, Transportation, Decontamination & Disposal by selling to registered recycler.
3	Distillation Bottom	Distillation	Schedule -I- (1.6)	20.75	--	20.75	Collection, Storage, Transportation & disposal at M/s. Nandesari Environment Control Ltd. (NECL) - TSDF or Co - Processing to Cement Industry or Common Incineration Site of NECL
4	ETP Sludge	ETP	Schedule - I- (35.3)	10.95	30.0	40.95	Collection, Storage, Transportation and disposal at M/s. Nandesari Environment Control Ltd. (NECL) - TSDF
5	Sodium Chloride Salt	Process	Schedule -I- (28.1)	7200.0	12333.6	12333.6	Collection, Storage, Transportation & Disposal of to registered TSDF Site
6	MEE Salt	MEE	Schedule - I- (35.3)	--	10800.0	10800.0	Collection, Storage, Transportation & Disposal of to registered TSDF Site
7	Zinc Oxide	Process	Schedule -I- (28.1)	--	144.0	144.0	Collection, Storage, Transportation & Disposal by selling to authorized end user registered under Rule-9 or M/s. Nandesari Environment Control Ltd. (NECL) - TSDF
8	Raney Nickel	Process	Schedule -I- (28.1)	--	539.1	539.1	Collection, Storage, Transportation & Disposal by selling to registered regenerator
9	Aluminum Oxide	Process	Schedule -I- (28.1)	--	60.0	60.0	Collection, Storage, Transportation & Disposal by selling to authorized end user registered under Rule-9 or M/s. Nandesari Environment Control Ltd. (NECL) - TSDF
10	Calcium Oxide	Process	Schedule - I-(28.1)	--	60.0	60.0	Collection, Storage, Transportation & Disposal by selling to authorized end user registered under Rule-9 or M/s. Nandesari Environment Control Ltd. (NECL) - TSDF
11	Potassium Oxide	Process	Schedule - I- (28.1)	--	48.0	48.0	Collection, Storage, Transportation & Disposal by selling to authorized end



							user registered under Rule-9 or M/s. Nandesari Environment Control Ltd. (NECL) – TSDF
12	Copper Chloride	Process	Schedule -I- (28.1)	--	48.0	48.0	Collection, Storage, Transportation & Disposal by selling to authorized end user registered under Rule-9 or Disposal of to register TSDF Site.
13	HCl (30%)	Scrubber	Schedule -I- (B15)	--	1986.0	1986.0	Collection, Storage, Transportation and reuse within premises or Disposal by selling to authorized end user registered under Rule-9.
14	Sodium Hypochlorite 8-10 %	Scrubber	Schedule -I- (B15)	--	1000.0	1000.0	Collection, Storage, Transportation and reuse within premises or Disposal by selling to authorized end user registered under Rule-9.
15	Ammonia Solution 20 %	Scrubber	Schedule -I- (B15)	-	360.0	360.0	Collection, Storage, Transportation and reuse within premises or Disposal by selling to authorized end user registered under Rule-9.
16	Spent Solvent	Solvent Distillation	Schedule -I-(28.6)	--	295287.0	295287.0	Collection, Storage In - house Distillation and (289287 MT/Annum) will be Reuse within Premises and or (6000 MT/Annum) Sell to Authorized Distillation unit or sell to end user under Rule-9.
17	Distillation Residue	Process	Schedule - (20.3)	--	1833.0	1833.0	Collection, Storage, Transportation and send for Co -processing to Cement Industry or Common Incineration Site of NECL.
18	Organic Residue	Process	Schedule -I-(28.1)	--	2268	2268	Collection, Storage, Transportation and send for Co -Processing to Cement Industry or Common Incineration Site of NECL.
19	Spent Catalyst	Process	Schedule -I- (28.2)	--	2412	2412	Collection, Storage, Transportation & Disposal by selling to registered regenerator.

46. Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.
47. Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of Incinerable & land fillable wastes before sending to CHWIF & TSDF sites respectively
48. The unit shall submit the list of authorized end users of hazardous wastes along with MoU signed with them at least two months in advance prior to the commencement of production. In the absence of potential buyers of these items, the unit shall restrict the production of the respective items.
49. All the Non- Hazardous Waste management shall be taken care as mentioned below:

Sr. no.	Type/Name of Other wastes	Specific Source of generation (Name of the Activity, Product etc.)	Quantity (MT/Annum)			Management of Wastes
			Existing	Proposed	Total	
1	Fly Ash	Utilities	--	3348	3348	Collection, Storage, Transportation & Disposal by selling to Brick Manufacturer.

**A. 50THER:**

50. The project proponent shall carry out the activities proposed under CER like contribution in the increase the depth of Sankardavillage Pond shall be part of the Environment Management Plan (EMP) as per the MoEF& CC's OM no. F. No. 22-65/2017-IA.III dated 30.09.2020. This shall be monitored and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of half-yearly compliance report and to the District Collector. The monitoring report shall be posted on the website of the project proponent.
51. All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. Aqua Air Environmental Engineers Pvt. Ltd and submitted by project proponent and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.

**B. GENERAL CONDITIONS:**

**B.1 CONSTRUCTION PHASE:**

52. Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.
53. Project proponent shall ensure that surrounding environment shall not be affected due to construction activity. Construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable areas for controlling fugitive emission.
54. All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.
55. First Aid Box shall be made readily available in adequate quantity at all the times.
56. The project proponent shall strictly comply with the Building and other Construction Workers' (Regulation of Employment & Conditions of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.
57. Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.
58. Use of Diesel Generator (DG) sets during construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.
59. Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.
60. All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.
61. Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balance quantity of excavated earth shall be disposed off with the approval of the competent authority after taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during construction phase shall not create adverse effect on neighbouring communities.
62. Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete [RMC] and lead free paints in the project.
63. Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act 1986 and its subsequent amendments from time to time.
64. "Wind - breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided. Individual building within the project site shall also be provided with barricades.
65. "No uncovered vehicles carrying construction material and waste shall be permitted."
66. "No loose soil or sand or construction & demolition waste or any other construction material that cause dust shall be left uncovered. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured."
67. Roads leading to or at construction site must be paved and blacktopped (i.e. - metallic roads).
68. No excavation of soil shall be carried out without adequate dust mitigation measures in place.
69. Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.
70. Grinding and cutting of building materials in open area shall be prohibited.
71. Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
72. Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site. (If applicable).

**B.2 OPERATION PHASE:**

**B.2.1 WATER:**

73. Industry should provide separate dedicated washing area for hand washing/bathing of worker and the waste water generated from the same should be taken into ETP.
74. The water meter shall be installed and records of daily and monthly water consumption shall be maintained.
75. All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.

**B.2.2 AIR:**

76. In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed Spray dryer & its APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.
77. Acoustic enclosure shall be provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.
78. Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.
79. Flue gas emission & Process gas emission (If any) shall conform to the standards prescribed by the GPCB/CPCB/MoEF&CC. At no time, emission level should go beyond the stipulated standards.
80. All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.
81. Adequate Air Pollution Control Measures [APCM] shall be provided.
82. The unit shall adhere to Sector specific guidelines/ SOP published by GPCB / CPCB from time to time for effective fugitive emission control. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
83. Unit shall take adequate measures to control odor nuisance from the industrial activities which may include measures like-use of masking agent with atomizer system (water curtain), closed / automatic material handling system, containment of the odor vulnerable areas etc.
84. Unit shall provide Wall to Wall carpeting in vehicle movement areas within premises to avoid dusting.

**B.2.3 HAZARDOUS/SOLID WASTE:**

85. The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / treatment / storage / disposal of hazardous wastes.
86. Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
87. The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)
88. Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.
89. The design of the Trucks/tankers shall be such that there is no spillage during transportation
90. All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.
91. Management of fly ash (If any) shall be as per the Fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.
92. Unit shall carry out transportation of hazardous wastes through GPS mounted vehicles only for disposal at TSDF/CHWIF, co-processing and end-users having Rule-9 permission.  
The by-products which fall under the purview of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016 shall be handled as per the said rules and necessary permissions from the concern authority shall be obtained.
94. Unit shall submit the list of authorized end users of above mentioned wastes along with MoU signed with them at least two months in advance prior to commencement of production. In absence of potential buyers of these items, the unit shall restrict the production of respective item.
95. Industry shall dispose its hazardous wastes through co-processing, pre-processing to the extent possible prior its disposal to incineration/ landfill as per provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

**B.2.4 SAFETY:**

96. The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963
97. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.
98. Main entry and exit shall be separate and clearly marked in the facility.
99. Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.
100. Storage of flammable chemicals shall be sufficiently away from the production area.

101. Sufficient number of fire extinguishers shall be provided near the plant and storage area.
102. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.
103. All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.
104. The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.
105. Only flame proof electrical fittings shall be provided in the plant premises.
106. Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.
107. All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.
108. Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
109. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.
110. Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.
111. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.
112. Training shall be imparted to all the workers on safety and health aspects of chemicals handling.
113. Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.
114. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.
115. The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.
116. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.
117. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be maintained.
118. Effective safety precaution shall be taken for chemical storage, process handling and transportation hazard.
119. Unit shall prepare and implement SOP for safe operation of the works.
120. Comply the statutory provision of safety audit & its compliance report.
121. Effective step shall be taken for prevention of fire, explosion & toxic release.

#### **B.2.5 NOISE:**

122. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.

#### **B.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION:**

123. The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.
124. The company shall undertake various waste minimization measures such as :
  - a. Metering and control of quantities of active ingredients to minimize waste.
  - b. Reuse of by-products from the process as raw materials or as raw materials substitutes.
  - c. Use of automated and close filling to minimize spillages.
  - d. Use of close feed system into batch reactors.
  - e. Venting equipment through vapour recovery system.
  - f. Use of high pressure hoses for cleaning to reduce wastewater generation.
  - g. Recycling of washes to subsequent batches.
  - h. Recycling of steam condensate.
  - i. Sweeping / mopping of floor instead of floor washing to avoid effluent generation.
  - j. Regular preventive maintenance for avoiding leakage, spillage etc.

#### **B.2.7 GREEN BELT AND OTHER PLANTATION:**

125. The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the GPCB.
126. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.
127. The PP shall develop green belt within premises (13200 Sq m i.e. 33 % of the total plot area) as per the undertaking submitted before SEAC. Green belt shall be developed with native plant species that are significant and used for the

pollution abatement as per the CPCB guidelines. It shall be implemented within 3 years of operation phase in consultation with GPCB.

**B.3 OTHER CONDITION:**

128. Project proponent shall install all environment management systems as per the CPCB/GPCB directives regarding the effluent discharge and air emission in working condition.
129. Project proponent shall display the copy of Environment Clearance at the site prominently.
130. Project proponent shall prepare and follow regular and preventive maintenance plan. The copy of same shall be submitted to SEIAA.
131. Project Proponent will have to display the safety procedure in working area.
132. The project proponent shall obtain all required permissions for safety, health and fire from competent authorities like PESO/Fire Authority etc. and intimate SEIAA.
133. Project Proponent will intimate SEIAA/SEAC/GPCB after obtaining the membership of common facilities like CETP / TSDF / CHWIF / CMEE / Common Spray Dryer as the case may be.
134. Extra care will be taken by PP to avoid any accidental blast in boiler, reactor or any machinery in the plant.
135. Environment monitoring, training and disaster management plan should be undertaken and complied at regular interval.
136. Integrated Regional Office of MoEF&CC, Gandhinagar and GPCB will monitor all environment, safety & health norms as per the prevailing rules.
137. Unit shall comply all the applicable standard conditions prescribed in Office Memorandum (OM) published by MoEF&CC vide no. F. No. 22-34/2018-IA.III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no. XX).
138. The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, the Construction and Demolition Waste Management Rules, 2016 and the Plastics Waste Management Rules, 2016 shall be followed.
139. Rain water harvesting (Off-site) shall be undertaken to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter. (Applicable for units consuming ground water  $\geq$  50 KLD in line with the prevailing guidelines of SPCB).
140. The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.
141. Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.
142. The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.
143. All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.
144. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.
145. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
146. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.
147. During material transfer there shall be no spillages and gulland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.
148. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
149. Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.
150. No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
151. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
152. The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.
153. The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.
154. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
155. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
156. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.




157. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
158. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
159. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
160. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.
161. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
162. This environmental clearance is valid for seven years from the date of issue.
163. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
164. Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.

**B.4 COMPLIANCE OF ENVIRONMENT CLEARANCE/REPORTING/ADMINISTRATION/APPEAL:**

165. Project proponent shall inform to all the concerned authorities including Municipal Corporation and District Collector and shall also give wide publicity through advertisement in minimum two local newspapers within seven days, about the Environment Clearance order accorded.
166. Project proponent shall appoint a key person in the organization who shall be responsible for compliance of above condition fully on behalf of the proponent. It will not mean that appointing a key person will exempt the project proponent from the responsibility of compliance. Any change in key person shall immediately be informed to SEIAA and all concerned authorities.
167. Designated key person shall submit six monthly compliance report to SEIAA/SEAC, MOEF&CC, GPCB and Nodal Department of the Government.
168. The Nodal Department or any authority or officer authorized by MOEF&CC/SEIAA can inspect the site of the project and all the facilities, for verification of compliances of environment clearance conditions.
169. In case of violation reported upon, the project proponent shall be responsible for all the legal actions as per Environment Protection Act, 1986 including SEIAA may cancel, withdraw or keep in abeyance, the Environment Clearance accorded.
170. Any person including the project proponent affected by this Environment Clearance order may file appeal to Honorable National Green Tribunal West Zone branch, Pune, preferably within a period of thirty days from the date of issue of Environment Clearance as prescribe under section 16 of National Green Tribunal Act 2010.
171. All complains and public grievance or representations may be addressed to SEIAA/SEAC in the email addresses (a) msseiaagj@gmail.com & (b) seacgujarat@gmail.com

With regards,  
Yours sincerely,

  
(S. J. PANDIT)  
Member Secretary

Issued to:  
K A Patel  
Plot No. 13, P.C.C Area, P.O - Petrochemicals,  
Dist. vadodara

