



# Gujarat Alkalies and Chemicals Limited

(Promoted by Govt. of Gujarat)

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GACL/S&E/Env-17/24

May 23, 2024

To Whom so ever it may concern

Sub: Half yearly Compliance Report under specific condition of Environment Clearance

Ref: EC no. SEIAA/GUJ/EC/4(d) & 5 (f)/4037/2015 dated 30.11.2015 granted by SEIAA.

With reference to above please find half yearly compliance of EC conditions for the period October 2023 to March 2024. We are also uploading compliance reports in our company's website link <https://gacl.com/safety-compliance/>.

Submitted for kind information please.

Thanking you,

For Gujarat Alkalies and Chemicals Ltd.,

*Nikhil Bhargava* 23/05/2024

Nikhil Bhargava  
AGM (ES & TS, S&E, F&S, ESG)



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**Compliance of Specific and General Conditions of Environment Clearance no. SEIAA/GUJ/EC/4(d) & 5 (f)/4037/2015 dated 30.11.2015 granted by SEIAA**

**A - Specific Conditions**

**A.-1 WATER**

<b>Sr. No.</b>	<b>Specific Conditions</b>	<b>Compliance report</b>
1.	No ground water shall be used for the project. Entire Water requirement of 6245 KLD after the proposed expansion shall be met through the own joint water supply scheme with GIPCL. No new borewell shall be dug within the premises as per the undertaking submitted in EIA report.	Ground water is not used. Water requirement is met from existing source only. No new borewell is dug. Average water consumption for the year 2023-24 is 4634 KLD which is less than 6245 KLD. Hence it is complied
2.	The industrial effluent generation from salt washery unit shall not exceed from existing 30 KLD due to proposed expansion and it shall be disposed into estuary of river mahi as per consent given by GPCB	Effluent generation from salt washery unit is Nil. Hence it is Complied.
3.	The other industrial effluent generation (except from salt washery unit) shall reduce from existing 2470 KLD to 2461 KLD after the proposed expansion due to recycle / reuse of effluent	The average industrial effluent generation for the year 2023-24 is 1389 KLD which is less than 2461 KLD. Hence it is Complied.
4.	Various measures shall be implemented as proposed for reducing the industrial effluent generation viz existing practices as well as reuse of condensate generated from the caustic evaporation unit into chemical preparation in the brine system.	All the measures are implemented. Hence it is Complied.
5.	The industrial effluent shall be treated in existing ETP. ETP shall be operated regularly and efficiently so as to achieve the GPCB norms at the ETP outlet.	Effluent is treated in our full fledge ETP for achieving effluent GPCB norms. Effluent quality is monitored by our QC, auditors and through online monitoring. Hence it is Complied.
6.	The treated wastewater confirming to GPCB norms shall be discharged into ECP channel for its final disposal into estuary of river mahi	The treated wastewater confirming to GPCB norms is discharged into ECP channel (Now VECL). Hence it is Complied.
7.	The unit shall provide online system for monitoring of treated effluent quantity and quality, with an arrangement for reflecting the same on company's server, which can be assessed by GPCB on real time basis.	We have provided Online monitoring system for treated effluent quantity and quality and this online data is sent to GPCB and CPCB servers. Hence it is Complied.
8.	The domestic wastewater generation shall not exceed from existing 280 KLD due to proposed expansion. Domestic ww shall be sent to STP for its further treatment and finally disposed at VECL along with industrial effluent	Domestic treated wastewater discharge for the year 2023-24 is 22 KLD which is < 280 KLD. Treated sewage is discharged to VECL along with industrial effluent. Hence it is Complied.
9.	Proper logbooks of ETP operation and also showing the quantity of effluent generated, discharged into ECP channel, utilized for plantation/gardening, reused/recycled etc. shall be maintained and	ETP logbook is maintained. The data of effluent and recycled water are submitted to GPCB in Environment Audit report. Hence it

	furnished to GPCB from time to time.	is complied.
10.	Regular performance evaluation of ETP shall be undertaken every year to check its adequacy through credible institutes like LD college of Engg, NPC or such other institute of similar repute and its records shall be maintained.	Every year Adequacy Certificate is issued for Environment Management System by GPCB approved Schedule I Environment Auditors. Hence it is Complied.
11	Rain water harvesting of surface as well as of rooftop runoff shall be undertaken and the same water shall be used for various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface runoff, pretreatment must be done to remove suspended matters.	We have already constructed recharge borewell in down stream at our TSDF site. Hence it is complied.
12	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 GIDC or GPCB or any such authority created for this purpose by Govt./GIDC	We participate financially and technically through our CSR activities. We are one of the promoters of common effluent channel (VECL) developed in Vadodara for disposal of treated effluent.

#### A-2 AIR

Sr. No.	Specific Conditions	Compliance report
13	Out of total 5 boilers , three boilers shall be kept as standby and two boilers shall be running. Existing 3 DG sets shall be kept as standby.	Boilers are operated as per latest CTO amendment issued by GPCB. Hence it is Complied.
14	Natural gas to the tune of 2483 SCM/hr shall be used as a fuel for boilers.	Average Natural gas consumption in Boilers is 2410 SCM/hr which is < 2483 SCM/hr. Hence it is Complied.
15	No additional process vent shall be provided for the proposed expansion	No additional vent is provided for proposed expansion. Hence it is Complied.
16	At present, Alkali scrubber is provided with process stack attached to CS hypo plant to scrub the HCl and Cl <sub>2</sub> gases. Water scrubbers are provided with process stack attached to HCl plant, CLM I & 2 plant to scrub the HCl gas. A stack for H <sub>2</sub> O <sub>2</sub> is also provided at the solvent recovery unit where the charcoal bed is provided.	We agree.
17	Existing APCM shall be used for the proposed process emission from Hypo tower, HCl section of CS plant, HCl section of old and new CLM plant and solvent recovery plant.	Existing APCM are used for the mentioned process stacks. Hence it is Complied.
18	The existing air pollution control equipments shall be operated efficiently and effectively to achieve the norms prescribed by the GPCB at stack outlets.	With the help of air pollution control equipment, we are meeting GPCB emission norms. Hence it is Complied.
19	Online monitoring system shall be installed at the process vents of Hypo tower – Caustic Soda plant and Chloromethanes plant for monitoring of HCl and Cl <sub>2</sub> parameters. Arrangement shall be made for reflecting the monitored values on the company's	We have provided Online emission monitoring system for HCl & Cl <sub>2</sub> gas and this online data is sent to GPCB and CPCB servers. Hence it is Complied.

	server, which can be assessed by GPCB on real time basis.	
20	The company shall prepare schedule, carry regular preventive maintenance of air pollution control equipments and assign responsibility of preventive maintenance to the senior officer of the company.	We are carrying out regular preventive maintenance of air pollution control equipment. Hence it is complied.
21	The fugitive emission in work zone environment shall be monitored. The emission shall conform to the standards prescribed by concerned authority from time to time (e.g Directors of industrial safety and health)	Fugitive emission in work zone environment is monitored and record maintained in form 37. Hence it is Complied.
22	Regular performance evaluation of air pollution control systems shall be undertaken every year to check its adequacy through credible institutes like LD college of Engg, NPC or such other institute of similar repute and its records shall be maintained	Every year Adequacy Certificate is issued for Environment Management System by GPCB approved Schedule I Environment Auditors. Hence it is Complied.
23	Airborne dust at all transfers operations/points shall be controlled either by spraying water or providing enclosures.	Airborne dust is controlled where every required. Hence it is Complied.
24	Solvent management shall be carried out as follows	Agreed
24 (1)	Reactor shall be connected to chilled brine condenser system to condensate solvent vapors and reduce solvent losses.	There is no reactor from where solvent losses occur. However distillation column and methanol storage tank have trap cooler with chilled brine to prevent material losses. Hence it is Complied.
24 (2)	Reactor and solvent handling pump shall have mechanical seals to prevent leakages	All the pumps for handling of methanol are canned motor pump and for handling of CLM are having mechanical seal. Hence it is Complied.
24(3)	The condensers shall be provided with sufficient HTA and residence time so as to achieve more than 95 % solvent recovery.	All the condenser of CLM distillation column are available with sufficient HTA. Hence it is Complied.
24 (4)	Solvents shall be stored in a separate space specified with all safety measures	Methanol is stored in PESO approved storage tank with safety measures. Hence it is Complied.
24(5)	Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.	Earthing Provided in methanol handling electrical equipment. Hence it is Complied.
24(6)	Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.	Trap condenser with safety valve and Nitrogen purging system is available on methanol tank to prevent vapor losses. Hence it is Complied.
25	Regular monitoring of VOCs shall be carried out in the work zone area and ambient air.	Continuous monitoring of VOC is carried out. Hence it is Complied.
26	For control of fugitive emission, VOCs following steps shall be followed: <ul style="list-style-type: none"> <li>a. Closed handling and charging system shall be provided for chemicals.</li> <li>b. Reflux condenser shall be provided over reactors/vessels.</li> <li>c. Pumps shall be provided with mechanical seals to prevent leakages.</li> <li>d. System of leak detection and repair of</li> </ul>	<ul style="list-style-type: none"> <li>a. Close handling and charging system provided for chemicals</li> <li>b. Not applicable</li> <li>c. Pump with mechanical seal and canned motor pump are available</li> </ul>

	pump/pipeline based on preventive maintenance.	Leakage detection and Preventive maintenance followed. Hence it is Complied.
27	Regular monitoring of ground level concentrations of SO <sub>2</sub> , NO <sub>x</sub> , Cl <sub>2</sub> , HCl, PM 10 & PM 2.5 shall be carried out in impact zone and its record shall be maintained. Ambient air quality shall not exceed the standards stipulated by GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be undertaken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.	Regular monitoring of ambient air parameters is carried out as mentioned in consent issued by GPCB and record is maintained. The reports are within GPCB limit. Hence it is complied.

### A-3 SOLID/HAZARDOUS WASTE

Sr. No.	Specific Conditions	Compliance report
28	The company must strictly comply with the rules and regulations with regards to handing and disposal of hazardous waste in accordance with the Hazardous waste (M,H&TM) Rules 2008 as may be amended from time to time. Authorization from GPCB must be obtained for collection/storage/treatment/disposal of hazardous waste.	We are strictly complying with the rules and regulations with regards to handing and disposal of hazardous waste in accordance with the Hazardous waste (M,H&TM) Rules 2008. We have obtained consent order no AWH-131094 valid upto 31.12.2028. The hazardous waste are disposed according to consent order. Hence it is Complied.
29	The hazardous waste shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility before its disposal.	Hazardous organic waste is packed in HM HDPE barrel and stored in separate storage facility with pucca bottom before its disposal. Hence it is Complied.
30	Used heating salt shall be sold to authorized recyclers or disposed at own landfill site. Salt washery and brine purification sludge, ETP sludge, incineration ash and used heating salt shall be disposed in company's own TSDF.	Heating salt, salt / brine sludge, ETP sludge are disposed at captive landfill site. Hence it is Complied.
31	Organic waste from H <sub>2</sub> O <sub>2</sub> plant, activated charcoal and waste mixed chloromethane (Hi boilers) shall be sent to the common hazardous waste incineration facility (CHWIF)	Organic waste, activated charcoal and waste mixed chloromethanes are incinerated at CHWI facility or sent for preprocessing. Hence it is Complied.
32	Spent catalyst and molecular sieves shall be sent to authorized regeneration units or shall be disposed off at TSDF or CHWIF depending on its characteristics.	Spent catalyst / molecular sieves are disposed at captive landfill site. Hence it is Complied.
33	Discarded containers / barrels/ bags/liner shall be either reused or sold only to authorized recyclers after decontamination.	Discarded containers / barrels/ bags/liner are sold only to authorized recyclers. Hence it is Complied.
34	Used oil, discarded lead acid batteries, lead acid battery plates and other lead scrap and insulated copper wire scrap/copper with PVC sheathing shall be sold only to registered reprocessors.	Used oil, discarded lead acid batteries, lead acid battery plates and other lead scrap and insulated copper wire scrap/copper with PVC sheathing are sold only to registered reprocessors. Hence it is Complied.

35	The unit shall obtain membership of the common TSDF/CHWIF (whichever is applicable)	We have obtained membership of CHWIF / Pro-processors. Hence it is Complied.
36	Vehicles used for transportation of hazardous waste shall be in accordance with the provisions under the motor vehicle act 1988 and rules made there under.	Vehicles used for transportation of hazardous waste are in accordance with the provisions under the motor vehicle act 1988 and rules made there under. Hence it is complied.
37	All possible efforts shall be made for co-processing of the hazardous waste prior to disposal into TSDF/CHWIF.	Organic waste and waste carbon are sent to pre-processors. Hence it is Complied.
38	The company shall provide additional ground water monitoring wells (three well clusters) around the captive TSDF as per the "Criteria of Hazardous Waste landfills" published by CPCB. Quality of ground water in saturated zone beneath and around the landfills as well as other parameters like leachate quality, air quality etc. shall be monitored regularly as per the "Criteria of Hazardous Waste landfills" published by CPCB	We have provided 3 ground water monitoring wells one upstream and two downstream at our captive TSDF. Quality of water in borewells and leachate well and ambient air quality is monitored/checked on regular basis through. Hence it is Complied.

#### A-4 SAFETY

Sr. No.	Specific Conditions	Compliance report
39	Provision of Manufacture, Storage and Import of hazardous chemicals rules 1986 and The Factories Act 1948 shall be strictly complied with.	Provision of Manufacture, Storage and Import of hazardous chemicals rules 1986 and The Factories Act 1948 are strictly complied.
40	The project authorities shall strictly comply with the provisions made in manufacture, storage and import of hazardous chemicals rules 1989, as amended in 2000 and the public liability insurance act for handling of hazardous chemicals etc. Necessary approvals from the CCE and concerned govt. authorities shall be obtained before commissioning of the project. Requisite onsite and offsite disaster management plans have to be prepared and implemented.	We are complying with the provisions made in manufacture, storage and import of hazardous chemicals rules 1989, as amended in 2000 and the public liability insurance act for handling of hazardous chemicals etc. Necessary approvals from the CCE and concerned govt. authorities are obtained before commissioning of the project. Requisite onsite disaster management plan is prepared and implemented.
41	The unit shall obtain requisite permission from PESO, nagpur for storage of chlorine, hydrogen etc. before commissioning of expansion project.	We have obtained requisite permission from PESO, nagpur for storage of chlorine, hydrogen etc. Hence it is Complied.
42	All the necessary precautions measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals, especially Cl <sub>2</sub> & H <sub>2</sub>	All the necessary precautions measures are taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals. Hence it is Complied.
43	Storage of hazardous chemicals shall be sufficiently away from the production area.	Complied
44	Sufficient no. of fire extinguishers shall be provided near the plant and storage area.	Sufficient no. of fire extinguishers are provided near the plant and storage area. Hence it is Complied.

45	All the necessary precautions measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals	Necessary precautions taken. Hence it is complied.
46	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.	Necessary precautions taken. Hence it is complied.
47	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the risk assessment report.	We are complying with all the environment protection measures, risk mitigation measures and safeguards mentioned in the risk assessment report. Hence it is Complied.
48	Only flame proof electrical fittings shall be provided in the plant premises.	Only flame proof electrical fittings are provided wherever required. Hence it is Complied.
49	Storage and use of hazardous chemicals shall be minimized to the extend possible and all necessary precautions shall be taken to mitigate the risk generated out of it. Storage of hazardous chemicals shall be in multiple small capacity tanks/containers instead of one single large capacity tank for safety purpose.	Storage of hazardous chemical is minimized with necessary precautions. Hence it is complied.
50	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. Close handling system for chemicals shall be provided.	Dyke wall is provided for storage of hazardous chemicals. Hence it is complied.
51	Handling and charging of chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	Handling and charging of chemicals is done in closed manner. Hence it is Complied.
52	Tie up shall be done with nearby health care unit/doctor for seeking immediate medical attention in case of emergency.	Tie up is done with nearby health care unit/doctor for seeking immediate medical attention in case of emergency. Hence it is Complied.
53	Personal Protective Equipment shall be provided to workers and its usage shall be ensured and supervised.	Personal Protective Equipments are provided to workers and its usage is ensured and supervised. Hence it is Complied.
54	First aid box and required antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<p>First aid boxes and required antidotes for the chemicals used in the Company are available in adequate quantity.</p> <p>50 Nos. of First Aid Boxes placed with necessary required first aid medical items at various locations in plant in such a way that first aid treatment can be readily available in emergency.</p> <p>Following Antidotes are available at OHC. Inj. Methylene Blue Medical Oxygen</p>
55	Training shall be given to all workers on safety and health aspects of handling chemicals.	Regular Training is given to all workers on safety and health aspects of handling chemicals. Hence it is Complied.
56	Occupational health surveillance of the workers shall be done and records shall be maintained. Pre-employment and periodical medical examination for all workers shall	Pre-employment and periodical medical examination for all workers is regularly done as per factory act &

	be undertaken as per Factories Act & Rules	rules. Form 33 & Form 32 are maintained.
57	Transportation of hazardous chemicals shall be done as per the provisions of Motor Vehicle Act and Rules	It is complied
58	The company shall implement all preventive and mitigation measures suggested in the risk assessment report	WE have implement all preventive and mitigation measures suggested in the risk assessment report. Hence it is Complied.

#### A-5 NOISE

Sr. No.	Specific Conditions	Compliance report
59	<p>To minimize the noise pollution the following noise control measures shall be implemented :</p> <ul style="list-style-type: none"> <li>● Selection of any new plant equipment shall be made with specifications of low noise levels</li> <li>● Manufacturers/suppliers of major noise generating machines / equipments like air compressors, feeder pumps, turbine generators etc. shall be instructed to make required design modifications wherever possible before supply and installation to mitigate the noise generation and to comply with national/international regulatory norms with respect to noise generation for individual units</li> <li>● Regular maintenance of machinery and vehicles shall be undertaken to reduce noise impact</li> <li>● Noise suppression measures such as enclosures, buffers and /or protective measures shall be provided</li> <li>● Employees shall be provided with ear protection measures like ear muff or ear plug.</li> <li>● Proper oiling, lubrications and preventive maintenance shall be carried out of the machineries and equipments to reduce noise generation</li> <li>● Construction equipments generating minimum noise and vibration shall be chosen.</li> <li>● Ear plugs and muffs shall be made compulsory for the construction workers working near the noise generating activities/machines /equipments</li> <li>● Vehicles and construction equipment with internal combustion engines without proper silencer shall not be allowed to operate</li> <li>● Construction equipment meeting the norms specified by EP act 1986 shall be used</li> <li>● Noise control equipment and baffling shall be employed on generators especially when they are operated near the residential and sensitive areas.</li> <li>● Noise levels shall be reduced by the use of adequate mufflers on all motorized equipment.</li> </ul>	Necessary control measures are taken to minimize noise pollution. Hence it is complied
60	The overall noise level in and around the plant area shall be well within the prescribed standards by providing noise control measures including acoustic insulation,	The overall noise level in and around the plant area is within the prescribed standards. The ambient noise levels



	hoods, silencers, enclosures vibration dampers etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act and Rules. Workplace noise levels for workers shall be as per the Factories Act and Rules.	also conform to the standards prescribed under the Environment (Protection) Act and Rules. Workplace noise levels for workers are as per the Factories Act and Rules. Hence it is complied.
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#### A-6 ENERGY CONSERVATION

Sr. No.	Specific Conditions	Compliance report
61	The project proponent shall install energy efficient devices and appliances conforming to the Bureau of Energy Efficiency norms	We have installed energy efficient devices and appliances conforming to the Bureau of Energy Efficiency norms. Hence it is complied.
62	The energy audit shall be conducted at regular intervals and recommendations of the audit report shall be implemented	Energy audit is conducted at regular intervals and recommendations of the audit report are implemented. Hence it is complied.
63	The project proponent shall implement the application of solar energy which shall be utilized as solar lighting for illumination of common areas, lighting of internal roads and passages in addition to utilisation of solar water heating systems	We have installed roof top solar system in our plant area. In total we have installed 35 MW solar plant Hence it is Complied.
64	The transformers and motors shall have minimum efficiency of 85 %.	It is Complied.
65	Variable frequency drives shall be installed	It is Complied.
66	Energy conservation measures shall include use of electronic lighting system, use of CFL tubes to minimize energy use, use of programmable times for pumping system and lighting, water level controllers for water pumps, centralized cooling etc.	It is Complied.
67	<p>Energy saving practices as follows shall be practiced :</p> <ul style="list-style-type: none"> <li>● Constant monitoring of energy consumption and defining targets for energy conservation</li> <li>● Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort level</li> <li>● Use of solar cells for lighting</li> <li>● Use of solar water heater for canteen and washing area</li> <li>● Proper load factor shall be maintained</li> <li>● Provision of day light roof to maximize natural light in the production plant instead of electrical lighting</li> <li>● Use of electronic ballast to save energy</li> <li>● Automatic switching system for lighting and water tank pumping shall be used.</li> <li>● To the maximum extent possible and technically feasible, energy efficient motors, pumps, air conditioning systems shall be selected.</li> <li>● Gravity flow shall be preferred wherever possible to save pumping energy.</li> </ul>	It is Complied.

	Promoting awareness on energy conservation <ul style="list-style-type: none"> <li>• Training to the staff on methods of energy conservation and to be vigilant for this</li> </ul>	
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#### A-6 CLEANER PRODUCTION AND WASTE MINIMISATION

Sr. No.	Specific Conditions	Compliance report
68	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 GPCB	Cleaner production study was carried out in 2012. We have implemented Cleaner production measure like installation of 171 MW wind farms, 35 MW solar power plants, energy efficiency, replacement of raw salt with washed salt etc. Hence it is Complied.
69	The company shall undertake following waste minimization measures : <ul style="list-style-type: none"> <li>• Metering and control of quantities of active ingredients to minimize waste</li> <li>• Reuse of byproducts from the process as raw materials or raw materials substitutes in other process</li> <li>• Use of automated and enclosed filling to minimize spillages</li> <li>• Use of close feed system into batch reactors</li> <li>• dry cleaning /mopping of floor instead of floor washing</li> <li>• Use of high pressure hoses for cleaning to reduce wastewater generation</li> <li>• Regular preventive maintenance for avoiding leakage, spillage etc.</li> </ul>	We have undertaken following measures for waste minimisation : <ol style="list-style-type: none"> <li>1. Metering and control of quantities of active ingredients to minimize waste</li> <li>2. Improving raw material quality like Salt (NaCl).</li> <li>3. Sulphate recovery system to reduce sludge quantity.</li> <li>4. Close feed system.</li> <li>5. Regular preventive maintenance is carried out.</li> </ol> Hence it is Complied.

#### A-7 GREEN BELT AND OTHER PLANTATION

Sr. No.	Specific Conditions	Compliance report
70	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.	We have developed green belt within premises having total area of 1 lac square meters which amount to greenbelt area of 35 %. Hence it is Complied.
71	Drip irrigation /low volume, low angle sprinkler system shall be used for green belt development within premises.	Water sprinkler system implemented. Hence it is Complied.

#### B. GENERAL CONDITIONS

72	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.	Noted and agreed
73	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed

	San Envirotech Pvt. Ltd. And submitted vide letter no. Nil dtd. 07.07.2015 and commitments made during presentation before SEAC, proposed in the EIA report shall be strictly adhered to in letter and spirit.	in the EIA report are implemented. Hence it is Complied.
74	A separate Environment management cell equipped with full fledged laboratory facilities and qualified personnel shall be set up to carry out Environment management and monitoring functions and a separate budget shall be allocated for this purpose	Company has recruited two environment engineers and have well equipped laboratory for environment monitoring. Hence it is Complied.
75	The company shall strictly follow all the recommendations mentioned the charter on corporate responsibility for Environment Protection (CREP) published by CPCB as may be applicable	Company have strictly followed all the recommendations mentioned the charter on corporate responsibility for Environment Protection (CREP) published by CPCB as applicable. Hence it is Complied.
76	The funds earmarked for environmental protection measures shall be maintained in a separate account and there shall not be any diversion of these funds for any other purpose. A year wise expenditure on environmental safeguards shall be reported	Funds earmarked for environmental protection measures are maintained and not diverted for any other purpose. Separate Budget is allocated for environment section. Hence it is Complied.
77	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board, state government and any statutory authority.	We are adhering to the stipulations made by the Gujarat Pollution Control Board, state government and any statutory authority. Hence it is complied.
78	During material transfer, spillage shall be avoided and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water	Any spillages is sent to ETP for treatment. Hence it is complied.
79	Pucca flooring/impervious layer shall be provided in the work areas, chemicals storage areas and chemical handling areas to minimize soil contamination.	Pucca flooring/impervious layer are provided in the work areas, chemicals storage areas and chemical handling areas to minimize soil contamination. Hence it is Complied.
80	Leakages from pumps, pipes shall be minimal and if occurs shall be arrested promptly.	Leakages from pumps, pipes are minimal. Hence it is Complied.
81	No further expansions or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior environment clearance from the concerned authority.	Noted and agreed
82	The above conditions shall 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 Transbouandary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 alongwith their amendments and rules.	Noted and Complied. Necessary consent obtained from GPCB under Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, The Environment (Protection) Act 1986, Hazardous Wastes (Management Handling and Transbouandary Movement) Rules, 2008.
83	The project proponent shall comply all the conditions mentioned in "The companies (CSR policy) rules 2014 and its amendments from time to time in a letter and spirit	We are complying all the conditions mentioned in "The companies (CSR policy) rules 2014 and its amendments from time to time in a letter and spirit. Hence it is Complied.

84	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA or GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	We are complying.
85	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and the copies of the clearance letter are available with GPCB and may also be send at website of SEIAA/SEAC/GPCB. This shall be advertised within seven days from the date of clearance letter, in at least two local news paper that are widely circulated in the region one of which shall be in Gujarati language and other in English. A copy each of the same shall be forwarded to the concerned regional office of the ministry.	It is already Complied.
86	The applicant shall also comply with any additional condition that may be imposed by SEAC or SEIAA or any other competent authority for the purpose of environmental protection and management	Noted and agreed
87	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 hard and soft copies to the regulatory authority concerned, on 1 <sup>st</sup> June and 1 <sup>st</sup> December of each calendar year.	Half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions are submitted to regulatory authority. Hence it is Complied.
88	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 Act 1986.	Noted and agreed
89	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	We are adhering to the stipulations made by the Gujarat Pollution Control Board. Hence it is Complied.
90	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted and agreed
91	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.	Noted and agreeen
92	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.	Hence it is Complied.
93	This environmental clearance is valid for seven years from the date of issue	Noted and agreed
94	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.	Noted and agreed