

S. M. SAIYAD, IFS
MEMBER SECRETARY
SEIAA (GUJARAT)



STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY
GUJARAT

Government of Gujarat

No. SEIAA/GUJ/EC/1(d)/1766 /2019

Date: 11 DEC 2019 By R P A D

Time Limit

Sub: Environment Clearance to M/S. GUJARAT ALKALIES AND CHEMICAL LTD for expansion of Captive Thermal Power Plant at Plot No.: D II/9, GIDC Dahej, Vagra, Bharuch. In Category 5(f) of Schedule annexed with EIA Notification dated 14/09/2006.

Ref: Your Proposal No. SIA/GJ/THE/41133/2016.

Dear Sir,

This has reference to your application along with Form-I dated 24/09/2019 submitted to SEIAA, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006 and additional information / documents submitted vide letter dated 11/05/2018 and 04/10/2019 to the SEAC.

The proposal is for Environmental Clearance to M/S. GUJARAT ALKALIES AND CHEMICAL LTD for expansion of Captive Thermal Power Plant at Plot No.: D II/9, GIDC Dahej, Vagra, Bharuch. It is an proposed unit for manufacturing following products, which falls in the category - 5(f) of the schedule of the EIA Notification-2006:

S. No.	Name of the Products	CAS No.	Quantity MT/Month			End Use of the Products
			Existing Quantity (MTPM / MW)	Proposed Quantity (MTPM / MW)	Total Quantity (MTPM / MW)	
1	Coal Based Captive Cogeneration Power Plant (CCPP)	--	130 MW	65 MW	195 MW	For captive Use only
A	Chlor-Alkali Plant (800 TPD)					
1	Caustic Soda (100%) Lye/ Prills / Flakes	1310-73-2	24000	0	24000	Soaps and Detergents, Rayon, Textiles, Pulp and Paper, Chemicals
2	Chlorine Gas	7782-50-5	21300	0	21300	Plastics (including PVC), Chlorinated Paraffins, Pesticides and other chemicals, Hydrochloric Acid, Chloromethanes and Water Treatment
3	Hydrochloric acid	7647-01-0	5580	0	5580	Chemicals, Fertilisers, Water Treatment and Phosphoric Acid
4	Hydrogen Gas	1333-74-0	600	0	600	Mainly used for the production of Ammonia, Hydrogen Peroxide, Methanol, Removal of Sulphur from field from oil refining process
5	Sodium Hypochlorite	7681-52-9	1020	0	1020	Used for Water purification, Water disinfection, surface purification, bleaching and odour removal
6	Dilute Sulphuric acid (78-80%)	7664-93-9	480	0	480	Manufacturing Synthetic detergents, dyes and pigments
B	Chlorotoluene Plant (205 TPD)					
1	Benzyl chloride	100-44-7	3000	0	3000	As general solvent for inks, paints, lacquers and epoxyresin, medication solution as preservative and photography
	Benzyldehyde	100-52-7	1500	0	1500	
3	Benzyl Alcohol	100-51-6	1650	0	1650	

						industries, Vat Dyes and Pharmaceuticals
	Co-products / By-products					
4	Benzoyl chloride	98-88-4	150	0	150	As general solvent for inks, paints, lacquers and epoxyresin, medication solution as preservative and photography industries, Vat Dyes and Pharmaceuticals
5	Cinemic aldehyde	14371-10-9	150	0	150	
6	Benzyl acetate	140-11-4	450	0	450	
7	Benzal chloride (Intermediate Product)	98-87-3	2550	0	2550	
8	Sodium benzoate	532-32-1	120	0	120	
9	Di benzyl ether	103-50-4	450	0	450	
10	Hydrochloric acid	7647-01-0	5100	0	5100	
C	Chlorinated Paraffin Wax Plant (100 TPD)					
1	Chlorinated Paraffin Wax	63449-39-8	3000	0	3000	Secondary Plasticiser in PVC compounding for Pipes, Hoses, Cables, etc., Additive in lubricating Oils and Paints.
2	Hydrochloric Acid (33%)	7647-01-0	5400	0	5400	Production of Batteries, Process sugar and Metal ore refining
3	Sodium hypochlorite	7681-52-9	1290	0	1290	Used for Water purification, Water disinfection, surface purification, bleaching and odour removal
D	Epi Chloro Hydrin (ECH) Plant (84 TPD)					
1	Epi Chloro Hydrin (ECH)	106-89-8	2520	0	2520	Production of glycerol, plastics, epoxy glues and resins, and elastomers.
E	Chloromethanes (CLM) Plant (300 TPD)					
1	Chloromethanes (CLM)	74-87-3	9000	0	9000	Solvent, Fluoro-Carbon refrigerants, Pharmaceuticals, Aerosol Propellants.

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 17/11/2019 had recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above-mentioned project based on its meeting held on 10/10/2019. The proposal was considered by SEIAA, Gujarat in its meeting held on 25/11/2019 at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following conditions.

A. CONDITIONS :

A. 1 SPECIFIC CONDITION :

- Unit shall use Imported Coal having Sulphur content less than 0.5 % in Captive Power Plant.
- Unit shall provide Online Emission and Effluent Monitoring System 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 on real time basis.
- Unit shall comply the emission standards mentioned in the Notification by MoEF&CC vide no. S.O. 3305 (E) dated 07/12/2015 and amended time to time.
- Unit shall comply all the conditions stipulated in Coal Handling Guidelines published by GPCB.
- The project proponent must strictly adhere to the stipulations made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority.
- 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.
- 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.
- The project proponent shall allocate the separate fund of Rs. 243.75 Lakhs i.e. 0.75 % of the capital investment in

accordance to the MoEFCC's Office Memorandum No. F.No.22-65/2017-IA.III dated 01/05/2018. The entire activities proposed under CER 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 district collector. The monitoring report shall be posted on the website of the project proponent.

9. All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s: Eco Chem Sales and Services 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.

A. 2 WATER:

10. Total water requirement for the project shall not exceed 19202 KLD. Unit shall reuse 2984 KLD of treated industrial effluent within premises. Hence, fresh water requirement shall not exceed 16218 KLD and it shall be met through GIDC water supply only. Prior permission from the concerned authority shall be obtained for withdrawal of water.
11. No ground water shall be tapped for the project requirements.
12. The industrial effluent generation from the project shall not exceed 4021 KLD.
13. Unit shall provide ETP-1 having capacity 200 KLD, ETP-2 having capacity 3500 KLD and ETP-1 A having capacity 500 KLD.
14. The industrial effluent shall be segregated, treated and managed as follows:
- Stream-I : The existing industrial effluent 175 KLD from SOC Process, Washing & Safety Shower shall be treated in adequate ETP-1 and the treated effluent shall be discharged into deep Sea via GIDC drainage line after conforming standards prescribed by GPCB.
 - Stream-II: The industrial effluent 3483 KLD (540 KLD from caustic plant, 405 KLD from boiler, 608 KLD from DM regeneration and raw water treatment plant, 1880 KLD from cooling tower blow down and 50 KLD from washing) shall be treated in adequate ETP-2 followed by UF-2 and RO System-2. RO Permeate (2612 KLD) shall be reused for industrial purpose within premises. RO reject (871 KLD) shall be used for dust suppression and for sprinkling in coal handling units within premises.
 - Stream-III: The industrial effluent 363 KLD (199 KLD from boiler, 13 KLD from DM regeneration, 29 from softener backwash, 102 KLD from cooling tower blow down and 20 KLD from washing) shall be treated in adequate ETP-1A followed by UF-1A and RO System-1A. RO Permeate (272 KLD) shall be reused for industrial purpose within plant premises. RO reject (91 KLD) shall be reused for dust suppression and for sprinkling in coal handling units within premises.
15. The quantity of treated effluent discharge into deep Sea via GIDC drainage line shall not exceed 175 KLD.
16. Domestic wastewater generation shall not exceed 100 KLD and it shall be treated in adequate STP. Treated domestic wastewater shall be utilized on land for gardening/plantation within premises after conforming standards prescribed by GPCB.
17. The unit shall provide metering facility at the inlet and outlets ETP-1, ETP-2, ETP-1A, STP, UF, RO, reuse lines, discharge line and maintain records for the same.
18. Proper logbooks of ETP-1, ETP-2, ETP-1A, STP and UF/RO operations; chemical consumption in effluent treatment, treated effluent discharge to deep Sea via GIDC drainage, reuse of treated effluent, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.



A. 3 AIR:

19. Unit shall not exceed fuel consumption for Boiler and DG Sets as mentioned below:

Sr. no.	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel MT/Day	Type of emissions i.e. Air Pollutants	Air Pollution Control Measures (APCM)
Existing						
1	Boilers – 280 TPH (2 Nos.)	80	Imported Coal	1760 MT/Day	PM, SO ₂ & NO _x	ESP
2	DG Sets (3 Nos. 1,000 kVA each)	15	HSD/LDO	750 Ltr/Hr.	PM, SO ₂ & NO _x	Adequate Stack Ht.
3	DG Set (225 kVA)	9	HSD/LDO	50 Ltr/Hr.	PM, SO ₂ & NO _x	Adequate Stack Ht.
Proposed						
1	Boilers (CFBC with efficiency 85-90% & with low NO _x burners) – 280 TPH (1 Nos.)	50	Imported Coal (0.3-0.5 % Sulphur Content)	932 MT/Day	PM, SO ₂ & NO _x	ESP with 99.96% efficiency, Lime dosing (1Tone Coal = 0.08T Limestone), Low NO _x burners
2	DG Set	9	HSD	910 Ltr/year	PM, SO ₂ & NO _x	Adequate Stack Ht.

20. Unit shall provide adequate APCM with flue gas generation sources as mentioned above:
21. There shall be no process gas emission from the proposed project.

22. Sulfur and ash content of the fuel to be used shall be analyzed and its record shall be maintained.
23. A long term study of radio activity and heavy metals contents on coal/lignite to be used shall be carried out through a reputed institute and results thereof analyzed regularly and reported along with monitoring reports. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal/lignite and fly ash (Including bottom ash) shall be put in place.
24. Height of flue gas stacks attached to Boilers shall be minimum 50 m.
25. A flue gas stack of 50 m height shall be provided with online monitoring system to existing Steam Boiler. Mercury emissions from stacks shall also be monitored on periodic basis.
26. High efficiency Electro Static Precipitators (ESP) with efficiency not less than 99.9% shall be installed for control of flue gas emission from the proposed Boilers. The ESP shall be operated efficiently to ensure that particulate matter emission does not exceed the GPCB norms. The control system shall be designed and integrated in plant DCS in such a way that if emission from ESP exceeds the specified standard prescribed in the Environment (Protection) Rules, 1986 as amended from time to time, utilization of boiler capacity shall reduce so that flue gas emission from the stack meets with the specified standards or boiler shall shut down totally.
27. Third party monitoring of the functioning of the ESP along with its efficiency shall be carried out once in a year through a reputed institute / organization.
28. Lime stone injection technology shall be adopted to control SO₂ and it shall be ensured that SO₂ levels in the ambient air do not exceed the prescribed standards.
29. The company shall prepare schedule and carry out regular preventive maintenance of mechanical and electrical parts of ESPs and assign responsibility of preventive maintenance to the senior officer of the company.
30. Online monitoring system shall be installed to monitor the SO_x, NO_x and SPM in the flue gas stack. An arrangement shall also be done for reflecting the online monitoring results on the company's server, which can be assessable by the GPCB on real time basis.
31. Adequate storage facility for the fly ash in terms of closed silos shall be provided at site. No ash pond shall be constructed.
32. Handling of the fly ash shall be through a closed pneumatic system.
33. Ash shall be handled only in dry state.
34. The unit shall strictly comply with the Fly Ash Notification under the EPA and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.
35. The fugitive emission in the work zone 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.
36. Regular monitoring of ground level concentration of PM₁₀, PM_{2.5} SO₂, NO_x and Hg 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:

37. All the hazardous/Solid/other 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.	Existing (MT/A)	Proposed (MT/A)	Total (MT/A)	Management of HW
1	High M.P Liquid Impurities	Chlorotoluenes Plant	26.1	666	0	666	Collection, Storage, In-House Incineration or Transportation and Send to Co-processing Facility/CHWIF.
2	Used/spent oil	DG Sets	5.1	100	0.05	100.05	Collection, Storage, Reuse or Transportation and Send to Registered Recyclers.
3	Discarded drums and containers	Process	33.1	6,000 Nos./year	0	6,000 Nos./year	Collection, Storage, Decontamination, Transportation and Send to authorized recyclers.
4	Oil Contaminated cotton rags or	Handling	33.2	1	0	1	Collection, Storage, In-House Incineration, or Transportation

	other cleaning materials						and Send to Co-processing Facility/CHWIF.
5	ETP waste	ETP	35.3	250	0	250	Collection, Storage, Transportation and Send to TSDF.
6	Incineration Ash	ECH Plant	37.2	80	0	80	Collection, Storage, Transportation and Send to TSDF.
7	Waste residue from industrial use of paint	Common Waste storage areas / scrap yard in the site	21.1	0.85	0	0.85	Collection, Storage, Transportation and Send to Co-processing Facility/CHWIF.
8	Lead washers etc. as Lead scrap	Common Waste storage areas / scrap yard in the site	Schedule II-A5	5	0	5	Collection, Storage, Transportation and Send to authorized recyclers.
9	Nickel Scrap	Common Waste storage areas / scrap yard in the site	Schedule II-A68	5	0	5	Collection, Storage, Transportation and Send to authorized recyclers.
10	Copper tubing, caps and cables etc. - As Copper scrap	Common Waste storage areas / scrap yard in the site	Schedule II-A66	11	0	11	Collection, Storage, Transportation and Send to authorized recyclers.
11	Spent Carbon	Common Waste storage areas / scrap yard in the site	36.2	5	0	5	Collection, Storage, In-House Incineration or Transportation and Send to Co-processing Facility/CHWIF.
12	Discarded bags / liner / packing material, Discarded PPEs, gaskets	Common Waste storage areas / scrap yard in the site	33.3	90	0	90	Collection, Storage, Decontamination, Transportation and Send to authorized recyclers.

2. Non-Hazardous Wastes

1	Brine Sludge	In-house temporary storage area	--	28,800	0	28,800	Send to captive TSDF of M/s. GACL.
2	Fly Ash	Silos	--	1,00,000	50,000	1,50,000	Shall be sent to Fly ash Brick / Cement manufacturing Industries as per provisions and guidelines of the Fly Ash notification, 1999 as amended till date

3. Other Wastes

1	Municipal Solid Waste	Canteen, Office blocks	-	Construct ion phase = 150 kg/day Operatio n phase = 225 kg/day	0	Construc tion phase = 150 kg/day Operatio n phase = 225 kg/day	Shall be handled as per the Solid Waste Management Rules, 2016 as amended from time to time.
2	Biomedical Wastes	On-site Occupational Health center	-	Operatio n phase = 225 kg/day	0	Operatio n phase = 225 kg/day	Shall be managed/handled as per the Bio-Medical Waste Management Rules, 2016 as amended from time to time.
3	Used Lead Acid Batteries	Company owned vehicles, other devices being operated within the site	-	As and when generate d	0	As and when generate d	Shall be managed/ handled as per the Batteries (Management & Handling) Rules, 2010 as amended from time to time.
4	Electronic wastes	Entire site	-	As and when generate	0	As and when generated	Shall be managed/handled as per the E-Waste (Management & Handling) Rules, 2011 as

				d due to equipment obsolescence		due to equipment obsolescence	amended from time to time.
5	Construction and Demolition (C&D) Wastes	Entire Site	-	Generated during project Construction phase & maintenance / repair work during Operation Phase	0	Generated during project Construction phase & maintenance / repair work during Operation Phase	Shall be managed/handled as per the Construction and Demolition Waste Management Rules, 2016 as amended from time to time.

38. 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.
39. 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.

A. 5 SAFETY:

40. The project management shall strictly comply with the provisions made in the Factories Act, 1948 as well as Manufacture, Storage and Impact of Hazardous Chemicals Rules 1989 as amended in 2000 for handling of hazardous chemicals.
41. Necessary precautions like continuous monitoring of hot spots [ignited lignite] using temperature detection systems, water sprinklers, avoiding stacking of lignite near steam pipeline etc. shall be made for storing lignite to prevent fire hazard.
42. All the risk mitigation measures, general & specific recommendations mentioned in Risk Assessment Report shall be implemented.
43. A well designed fire hydrant system shall be installed as per the prevailing standards.
44. Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
45. First Aid Box and required antidotes for the chemicals used in the unit shall be made readily available in adequate quantity at all the times.
46. 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.
47. Flameproof fittings shall be provided in the plant area.
48. Adequate fire fighting facilities shall be provided at the proposed power plant.
49. Proper ventilation shall be provided in the work area.
50. All transporting routes within the factory premise shall have paved roads to minimize splashes and spillages.
51. The project management shall prepare a detailed Disaster Management Plan (DMP) for the project as per the guidelines from Directorate of Industrial Safety and Health.

A. 6 NOISE:

52. To minimize the noise pollution the following noise control measures shall be implemented:
- ✓ Selection of any new plant equipment shall be made with specification of low noise levels.
 - ✓ 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 the national / international regulatory norms with respect to noise generation for individual units
 - ✓ Regular maintenance of machinery and vehicles shall be undertaken to reduce the noise impact.
 - ✓ Noise suppression measures such as enclosures, buffers and / or protective measures shall be provided.
 - ✓ Employees shall be provided with ear protection measures like earplugs or earmuffs.
 - ✓ Proper oiling, lubrication and preventive maintenance shall be carried out of the machineries and equipments to reduce noise generation.
 - ✓ Construction equipment generating minimum noise and vibration shall be chosen.
 - ✓ Ear plugs and/muffs shall be made compulsory for the construction workers working near the noise generating activities / machines / equipment.
 - ✓ Vehicles and construction equipment with internal combustion engines without proper silencer shall not be allowed to operate.
 - ✓ Construction equipment meeting the norms specified by EP Act, 1986 shall only be used.
 - ✓ Noise control equipment and baffling shall be employed on generators especially when they are operated near

the residential and sensitive areas.

- ✓ Noise levels shall be reduced by the use of adequate mufflers on all motorized equipment.

53. The overall noise level in and around the plant area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, 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.

A. 7 GREEN BELT AND OTHER PLANTATION:

54. 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.

55. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.

B. OTHER CONDITIONS:

56. 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.

57. 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 & it's 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.

58. The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No. F.No.22-65/2017-IA.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.

59. 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.

60. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

61. 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.

62. All the recommendations / commitments made in the EIA/EMP report of the project shall be implemented.

63. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.

64. During material transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.

65. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.

66. The funds earmarked for environment 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.

67. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly.

68. 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.

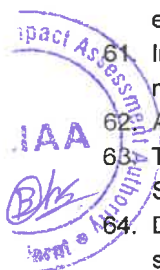
69. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

70. 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.

71. 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.

72. 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.

73. 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.
74. 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 of the environmental protection and management.
 75. 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.
 76. 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.
 77. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
 78. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
 79. 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.
 80. 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.
 81. This environmental clearance is valid for seven years from the date of issue.
 82. 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.
 83. 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.

With regards,
Yours sincerely,



(S. M. SAIYAD)
Member Secretary

Issued to:

M/S. GUJARAT ALKALIES AND CHEMICAL LTD
Mr. M. B. Patel (DGM-SE&F)
Dahej Complex: P.O. Dahej,
Taluka: Vagra, District: Bharuch

