



Gujarat Alkalies and Chemicals Limited

(Promoted by Govt. of Gujarat)

Dahej Complex : P.O. Dahej - 392130. Tal. Vagra, Dist. Bharuch (Gujarat) INDIA
Phone : +91-2641-613256
CIN NO : L24110GJ1973PLC002247

ENV/2025-26/E-28/D-II/9/VK/02

8th January, 2026

To,
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office-Gandhinagar,
A-Wing – 407 & 409, Aranya Bhawan,
Near CH-3 Circle, Sector-10A,
Gandhinagar – 382010

Sub: Submission of Half Yearly Compliance Report of EC for the period of April-2025 to September-2025.

Ref: EC issued vide letter no. SEAC/GJ/IND3/511250/83601/2025 Dated 22/07/2025.

Dear Sir,

With reference to above, we are enclosing herewith Half-Monthly Compliance report of above ECs for the period of April-2025 to September-2025.

Thanking you,
Yours faithfully,

For Gujarat Alkalies and Chemicals Limited-Dahej

S. N. Patel
09/01/2026

S. N. PATEL
DGM (S, E & F)

Encl: As Above

Copy to: (1) Gujarat Pollution Control Board Paryavaran Bhavan, Gandhinagar
(2) Central Pollution Control, Regional Office, Vadodara
(3) Gujarat Pollution Control Board Regional Office, Bharuch



Regd. Office & Works : P.O. Ranoli-391350. Dist. Vadodara (Gujarat) INDIA
Phone : +91-265-6111000, 7119000 Fax : +91-265-6111012

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej

**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
A1	Specific Condition	
1.	PP has submitted Wildlife Conservation Plan to DFO, Social Forestry Division, Bharuch Gujarat on dated 26-11-2024 shall be implemented.	Note and will be Complied A budget allocation of ₹10 lakhs has been provided in the conservation plan for Schedule I species submitted along with the EIA report.
2.	Grant Environmental Clearance by the SEIAA to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc; as may be applicable to the project.	Complied We have already applied for the EC to CTE dated 03/11/2025.
3.	As per the MoEF&CC Office Memorandum dated 14-06-2024, PP shall upload Half-Yearly EC Compliance report strictly through the dedicated module of Parivesh 2.0.	Note and complied
4.	As per the MoEF&CC Office Memorandum dated 24-07-2024, PP shall do plantation of saplings in the earmarked greenbelt area as a part of the tree plantation campaign "Ek Ped Ma Ke Naam" and the details of the same shall be uploaded in the MeriLiFE Portal (https://merilife.nic.in).	Will be complied
5.	PP shall comply with the provisions of Gujarat Occupational Safety, Health and Working Conditions Rules 2025.	Complied
6.	Requisite Fire & Safety arrangements shall be place at any cost by PP. Periodic mock-drill shall also be carried out as per the prevailing norms.	Complied Fire and safety systems are in place, and mock drills are carried out periodically in accordance with applicable regulations.
7.	PP shall also obtain requisite permission of PESO, as applicable.	Complied Necessary permissions from statutory authorities like PESO, Factory Inspectorate and others have been obtained prior to commissioning of the project.
8.	PP shall provide adequate storage capacity for raw and treated effluent to accommodate Force majeure events.	Noted and will be Complied Each plant will have a separate raw water collection tank, and after treatment, the effluent from all plants will be collected in a lagoon for final disposal.
9.	Adequacy of provided EMS may be checked while issuance of CC&A by GPCB.	Noted

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S. No.	EC Conditions	Compliance Status
10.	Unit 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 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].	Noted and agreed. The installation will be carried out once all plants are installed and operational.
11.	The National Ambient Air Quality Emission Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16 th November, 2009 shall be complied with.	Complied. We carry out monthly Ambient Air Monitoring by GPCB authorised and NABL approved laboratory M/s. Unistar Environment and Research lab.
12.	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.	Complied. We carry out monthly Water and Ambient Air Monitoring by GPCB authorised and NABL approved laboratory.
13.	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.	Noted for compliance.
14.	All measures shall be taken to avoid soil and ground water contamination within premises.	Complied. Measures are in place for prevention of soil and ground water contamination viz. - Impervious flooring has been provided across the process and utility area. - Raw material handling and storage area is provided with pucca flooring.
15.	Safety & Health	
a)	PP shall obtain PESO permission for the storage and handling of hazardous chemicals.	Complied Necessary permissions from statutory authorities like PESO is taken.
b)	PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.	Complied We have tie-up for medical emergency with GNAL OHC and for further medical treatment Tie-up is established with M/s. Bhailal Amin, Vadodara.
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.	Complied Necessary permission is already taken.

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S. No.	EC Conditions	Compliance Status
d)	Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.	<p>Complied</p> <p>Unit have Implemented an automated operations/process system with emergency response will help mitigate risks in hazardous processes.</p>
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.	<p>Complied</p>
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.	<p>Complied.</p> <p>We have installed fire hydrant network and fire water cum foam monitor around the main process area and it is confirming to the relevant Indian standards.</p> <p>Sample Photo of fire hydrant system is appended as below.</p> <div style="display: flex; justify-content: space-around;">   </div> <div style="text-align: center; margin-top: 20px;">  </div>
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.	<p>Complied.</p> <p>We have developed Pucca flooring / impervious layer in the work areas, chemical storage areas and chemical handling area.</p>

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GAEL PLOT No. D2/9 - Dahej


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Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
		
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 labour within premises.	Complied
i)	Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.	Complied Flameproof electrical fitting, lightings and other fixtures have been provided as per electrical area classification.
j)	Unit shall never store drum/barrels/carboys of incompatible material/chemical together.	Complied. We are not storing the drum/barrels/carboys of incompatible material/chemical together.
k)	Unit shall provide effective Isolation for Process area and storage of hazardous chemicals.	Complied. We are taking adequate precautions for Isolation of Process area and storage of hazardous chemicals.
l)	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.	Complied. We have prepared onsite emergency action plan as per the guidelines issued by the office of Directorate of Industrial Safety and Health.
m)	Unit shall never store drum/barrels/carboys of incompatible material/chemical together.	Complied. We are not storing the drum/barrels/carboys of incompatible material/chemical together.
n)	Provide double earthing to solvent storage tanks	Complied. Proper earthing has been provided in all the electrical equipment wherever solvent handling is done.

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S. No.	EC Conditions	Compliance Status																												
o)	(1) Unit shall provide effective fire hydrants, water monitors & foam application system at solvent storage tank farm area. (2) 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.	<p>Complied. Appropriate controls are provided in storage tanks area. Photograph of storage tank is given herewith.</p> 																												
p)	Unit shall provide chlorine leakage control emergency kit and FRP hood with scrubber system for chlorine safety.	<p>Complied. We have provided chlorine detector with alarm system in plant for alerting the personnel in case of any escape of chlorine gases.</p>																												
A	2. Water																													
16.	Total water requirement for the project shall not exceed 3531.5 KLD. Unit shall reuse 312 KLD of treated effluent within premises. Hence, fresh water requirement shall not exceed 3219.5 KLD and it shall be met through GIDC water supply only. Prior permission from concerned authority shall be obtained for withdrawal of water.	<p>Complied. The fresh water consumption remains always below the permitted quantities. Fresh water is met only through GIDC water supply. Water consumption is well within limits.</p> <table border="1"> <thead> <tr> <th align="center">Sr. No</th> <th align="center">Month</th> <th align="center">Qty., KLM</th> <th align="center">Avg. KLD</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td align="center">April 2025</td> <td align="center">5478.08</td> <td align="center">182.2</td> </tr> <tr> <td align="center">2</td> <td align="center">May 2025</td> <td align="center">5088</td> <td align="center">169.6</td> </tr> <tr> <td align="center">3</td> <td align="center">June 2025</td> <td align="center">7283.02</td> <td align="center">242.76</td> </tr> <tr> <td align="center">4</td> <td align="center">July 2025</td> <td align="center">3592</td> <td align="center">119.73</td> </tr> <tr> <td align="center">5</td> <td align="center">August 2025</td> <td align="center">3261</td> <td align="center">108.7</td> </tr> <tr> <td align="center">6</td> <td align="center">September 2025</td> <td align="center">4464</td> <td align="center">148.8</td> </tr> </tbody> </table>	Sr. No	Month	Qty., KLM	Avg. KLD	1	April 2025	5478.08	182.2	2	May 2025	5088	169.6	3	June 2025	7283.02	242.76	4	July 2025	3592	119.73	5	August 2025	3261	108.7	6	September 2025	4464	148.8
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17.	The industrial effluent generation from the project shall not exceed 668 KLD.	Noted and will be Complied																												
18.	<p>Management of Industrial effluent shall be as under:</p> <ul style="list-style-type: none"> ➤ 305 KLD effluent generated from process shall be treated in ETP-1 (75 KLD), ETP-2 (125 KLD) & ETP-4 (125 KLD), collected in lagoon and shall be sent to CETP-Dahej for further treatment and disposal. ➤ Total 363 KLD industrial effluent generated from boiler (199 KLD), washing (20 KLD), cooling tower (102 KLD) and DM reject (42 KLD) shall be treated into ETP-3 (400 KLD) followed by UF/RO. 272 KLD RO 	Noted for Compliance																												

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S. No.	EC Conditions	Compliance Status
	permeate shall be reused in cooling tower and 91 KLD RO reject shall be reused for coal handling and dust suppression.	
19.	Domestic wastewater generation shall not exceed 40 KL/day for proposed project and it shall be treated in 100 KLD STP. It shall not be disposed of into soak pit. Treated sewage shall be utilized for gardening and plantation purpose within premises after achieving on-land discharge norms prescribed by the GPCB.	<p>Complied. Domestic waste water is not exceeding 20 KLD and it is treated in STP. Installed STP photo is appended as below;</p> 
20.	During monsoon season when treated sewage may not be required for the plantation / Gardening / Green belt purpose, it shall be stored within premises. There shall be no discharge of waste water outside the premises in any case.	<p>Agreed to comply. During rainy season, treated sewage will be stored in the 5 KL storage tank. No discharge of waste water outside the premises is being done.</p>
21.	Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.	<p>Complied. Our treated wastewater will be discharged through the CETP, and a lagoon has already been constructed on-site to provide buffer storage.</p>
22.	Treated waste water shall be sent to common facilities (CETP) only after complying with the inlet norms of common facilities prescribed by GPCB to ensure no adverse impact on Human Health and Environment.	<p>Complied. Unit has obtained the membership from Dahej CETP letter no. GIDC/BRH/DEE/DRG/501 for discharge of 275 KLD effluent. Discharged will be well within prescribed norms by CETP.</p>
23.	The PP shall ensure to dispose of Waste water to the Common Facilities having valid CTO of GPCB.	<p>Complied</p>
24.	Unit shall provide STP, ETP and UF/RO with adequate capacity	<p>Complied We have installed an STP at the site and have already commissioned ETP & RO units for the CTS plant.</p>
25.	The Unit shall provide metering facility at the inlet and outlet of STP, ETP and UF/RO and maintain records for the same.	<p>Noted and Complied Metering system at the outlet of the ETP system is provided. Record will be maintained.</p>
26.	Proper logbooks of STP, ETP and UF/RO; reuse/ recycle of treated/ untreated effluent; chemical consumption in effluent treatment;	<p>Note and will be Complied.</p>

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	quantity & quality of treated effluent sent to common facilities; power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	Proper Logbook of ETP operation, chemical consumption, Electricity will be maintained at respective processes/ sections.																																																																																																								
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27.	Unit shall not exceed fuel consumption for boilers and D G Sets as mentioned below.	Complied. Our unit has not exceeded fuel consumption as mentioned in the table.																																																																																																								
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28	PP shall use approved fuels only as fuel in boilers and DG Sets.	Complied We will be using Natural Gas, Coal & HSD for the Boiler and DG Sets.																																																																																																								
29.	Unit shall provide adequate APCM with flue gas generation sources to achieve the norms prescribed by GPCB.	Complied. We have not installed 280 TPH Boiler yet. We have also installed additional 6 TPH NG fired boiler and the same is already obtained in the CTO from GPCB.																																																																																																								
																																																																																																										

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30.	Unit shall provide adequate APCM with process gas generation sources as mentioned below.				Noted for compliance.
Sr. No	Specific Source of emission	Type of emission	Stack/Vent Height (meter)	Air pollution control measure (APCM)	Adequate APCMs have been provided at both the CTS and CLM installed plants.
Existing Scenario (as per split EC)					
1.	Reactor of Chlorotoluene	HCl, Cl ₂	33	Caustic Soda Scrubber	
2.	Reactor of MCA- Sec- I	HCl, Cl ₂ , CO, SO ₂ , NO _x , HC, Dioxin	30	Water + Alkali Scrubber	
3.	Incinerator of ECH Plant	NO _x , CO, HCl, C ₂ H ₄ Cl ₂ , TOC, Dioxin (<0.1 ng-TEQ/Nm ³), NG (30 m ³ /hr) will be used as startup fuel	25	Caustic Scrubber	
Proposed Scenario					
4.	Purge gas treatment section.	HC-Methane	22	CTC Scrubber with Chiller	
5.	CL-3008 Vent	HCl	10	Caustic Scrubber with Chiller	
6.	Photochlorination & Purge Gas Emg. Vent	HCl, HC-Methane	32	Caustic Scrubber with Chiller	
7.	CL-1711 Caustic Scrubber Emg. Vent	HCl, HC-Methane	10	Caustic Scrubber with Chiller	
8.	CL-2451 Caustic Scrubber Emg. Vent	HCl, HC-Methane	22	Caustic Scrubber with Chiller	
9.	CL-3212 Scrubber Emg. Vent	HCl, HC-Methane	10	Caustic Scrubber with Chiller	
10.	HCl Storage tank and tanker filling system vent of chlorotoluene plant	HCl	5	Water Scrubber1	
Total After Proposed Expansion Scenario					
1.	Reactor of Chlorotoluene	HCl, Cl ₂	33	Caustic Soda Scrubber	
2.	Incinerator of ECH Plant1	NO _x , CO, HCl, C ₂ H ₄ Cl ₂ , TOC, Dioxin (<0.1 ng-TEQ/Nm ³), NG (30 m ³ /hr) will be used as start-up fuel	25	Caustic Scrubber	
3.	Purge gas treatment section.	Hydrocarbon & CH ₄	22	CTC Scrubber with Chiller	
4.	CL-3008 Vent	HCl	10	Caustic Scrubber with Chiller	
5.	Photochlorination & Purge Gas Emg. Vent	HCl, HC-Methane	32	Caustic Scrubber with Chiller	
6.	CL-1711 Caustic Scrubber Emg. Vent	HCl, HC-Methane	10	Caustic Scrubber with Chiller	
7.	CL-2451 Caustic Scrubber Emg. Vent	HCl, HC-Methane	22	Caustic Scrubber with Chiller	
8.	CL-3212 Scrubber Emg. Vent	HCl, HC-Methane	10	Caustic Scrubber with Chiller	
9.	HCl Storage tank and tanker filling system vent of chlorotoluene plant	HCl	5	Water Scrubber	

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Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
31.	<p>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.</p> <ul style="list-style-type: none"> ➤ 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. 	<p>Complied.</p> <p>Work zone environment is being monitored regularly through online sensors as well as by approved external agencies. The emission is well with the standards prescribed by DISH.</p> <p>Air borne dust is being controlled through regular mechanical sweeping.</p> <p>Greenbelt development is appended as below.</p> 
32.	<p>Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.</p>	<p>Complied.</p> <p>Work zone environment is being monitored regularly through online sensors as well as by approved external agencies covering VOC parameter. The emission is well with the standards prescribed by DISH. Copy of work place monitoring reports are enclosed as Annexure-I.</p>
33.	<p>Regular monitoring of ground level concentration of PM₁₀, PM_{2.5}, SO₂, NO_x, HCl, Cl₂, CO, HC, CH₄ 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</p>	<p>Complied.</p> <p>We carry out Ambient Air Monitoring by GPCB authorised and NABL approved laboratory.</p>

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S. No.	EC Conditions							Compliance Status
	control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.							Ambient Air Monitoring report for the compliance period is attached as Annexure-II .
A	4. SOLID / HAZARDOUS WASTE:							
34.	All the hazardous/ solid waste management shall be taken care as mentioned below.							Complied.
	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.	Distillation Residue	CTS Plant	Sch.I/ 36.1	666	5549	6215	Collection, Storage, Transportation, Disposal through pre-processing /coprocessing facility and/or Incineration at authorized CHWIF.
	2.	Used/Spent oil	GACL Complex	Sch.I/ 5.1	0.531	29.469	30.00	Collection, Storage, Transportation, Disposal at registered recyclers.
	3.	Discarded Drums and containers	GACL Complex	Sch.I/ 33.1	3000 Nos./Year (54 MT/Year)	100 Nos./Year (1.8 MT/Year)	3100 Nos./Year (55.8 MT/Year)	Collection, Storage, Transportation, Disposal at registered recyclers and/or authorized decontamination facility.
	4.	Oil Contaminated cotton rags or other cleaning materials	GACL Complex	Sch.I/ 33.2	0.5	4.5	5.0	Collection, Storage, Transportation, Disposal through Pre processing /coprocessing facility and/or Incineration at authorized CHWIF.
	5.	ETP Waste	ETP	Sch.I/ 35.3	150.2	550.0	700.2	Collection, Storage, Transportation, Disposal through Pre-Processing/Co-Processing Facility and/or at authorized common TSDF.
	6.	Incineration Ash	ECH Plant	Sch.I/37.2	80	0	80	Collection, Storage, Transportation, Disposal through Pre-Processing/Co-Processing Facility and/or at authorized common TSDF
	7.	Waste residue from industrial use of paint	GACL Complex	Sch.I/21.1	0.425	0.575	1.000	Collection, Storage, Transportation, Disposal through Pre-Processing/Co-Processing Facility and/or at authorized common CHWIF.
	8.	Lead washers etc. as Lead scrap	GACL Complex	Sch.II/ A5	2.5	0	2.5	Collection, Storage, Transportation and sold to authorised recycler.
	9.	Nickle Scrap	GACL Complex	Sch.II/ A68	2.5	0	2.5	
	10.	Copper tubing, caps and cables, etc. – As copper	GACL Complex	Sch.II/ A66	5.5	0	5.5	

We are strictly complying 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.

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S. No.	EC Conditions							Compliance Status
	scrap							
11.	Spent Carbon	GACL Complex	Sch.I/ 36.2	5.0	112.6	117.6	Collection, Storage, Transportation, Disposal through pre-processing / coprocessing facility and / or Incineration at authorized CHWIF.	
12.	Discarded Bags/ Liners/packing material, discarded PPEs, gaskets	GACL Complex	Sch.I/ 33.1	45	30	75	Collection, Storage, Transportation, Disposal at authorised recyclers.	
13.	Spent Sulphuric Acid (73-80%)	CLM Plant	Sch.II/ B15	0	2987	2987	Collection, storage, transportation and send to authorized end users having Rule 9 permission and valid CCA after making MOU.	
14.	Spent Caustic Soda (8-12%)	CLM Plant	Sch.II/ C2	0	11466	11466	Collection, storage, transportation and send to authorized end users having Rule 9 permission and valid CCA after making MOU.	
15.	High Boilers	CLM Plant	Sch.I/ 36.1	0	702	702	Collection, Storage, Transportation, Disposal through pre-processing /coprocessing Facility and /or Incineration at authorized CHWIF.	
16.	Process waste	CLM Plant	Sch.I/ 36.2	0	351	351	Collection, Storage, Transportation, Disposal through pre-processing /coprocessing Facility and /or at authorized common TSDF.	
17.	Process Waste	CTS Plant	Sch I/ 20.4	0	25300	25300	Collection, Storage, Transportation, Disposal through Pre processing /coprocessing facility and/or at authorized common TSDF.	
18.	Insulation waste	GACL Complex	S1	0	10	10	Collection, Storage, Transportation, Disposal through pre-processing / coprocessing facility and/ or at authorized common TSDF.	
19.	FRP Waste	GACL Complex	-	0	10	10	Collection, Storage, Transportation, Disposal through pre-processing / coprocessing facility and /or at authorized common TSDF.	
20.	HCl (33%)	CLM Plant	Sch.II/ B15	51,600	0	51,600	Collection, storage, transportation and send to authorized end users having Rule 9 permission and valid CCA after making MOU.	
NON-HAZARDOUS WASTE MANAGEMENT MATRIX								
Sr. no.	Type/Name of non-hazardous waste	Specific Source of generation (Name of the Activity,	Quantity MT/Annun)			Management of non-HW		
			Existing	Proposed	Total			

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S. No.	EC Conditions						Compliance Status
			Product etc.)				
	1.	Fly ash	Power Plant	50000	0	50000	Shall be given to fly ash brick/cement manufacturing industries as per provisions and guidelines of the fly ash notification, 1999 as amended till date.
	2.	Municipal Solid Waste	GACL Complex	185	0	185	Collection, Storage and send to vermi composting.
	3.	Used Lead Acid Batteries	GACL Complex	10.0	0	10.0	Shall be handled as per the Batteries (Management & Handling) Rules, 2010 as amended from time to time.
	4.	Electronic Waste	GACL Complex	10.0	0	10.0	Shall be handled as per the E Waste (Management & Handling) Rules, 2011 as amended from time to time.
	5.	STP Sludge	STP	3.5	0	3.5	Collection, Storage and used as manure.
35.	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.						Noted for Compliance. Unit is/will hand over the waste only to the authorized end users having permission under Rule 9 of HOWM Rules, 2016.
36.	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.						Complied. We are exploring the possibilities for environment friendly methods like Pre-processing of hazardous waste for disposal of Incinerable & landfillable wastes before sending to CHWIF & TSDF sites respectively and for the same we have obtained membership from nearby pre-processing facility (M/s Banas Waste Management LLP) & for landfilling (M/s. BEIL).
37.	The project proponent has to obtain membership of TSDF site & CHWIF before obtaining CTO of GPCB.						Complied. We have obtained membership from nearby pre-processing facility (M/s Banas Waste Management LLP). Membership certificate appended as below: 

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S. No.	EC Conditions	Compliance Status
		
38.	Management of fly ash 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.	Noted
39.	STP sludge shall be collected and used as manure.	Complied
40.	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.	Noted and agreed. We have already secured membership with M/s. BEIL and M/s. Banas Waste Management LLP for the disposal of hazardous waste.
A.	5. Other	
41.	The project proponent shall carry out the activities of amount of Rs. 66 Lakhs (Provision of solar panels at the gram panchayat, schools, hospital and Anganwadi in the Rahiyad, Atali, Koliyad and Galenda village; Solar Streetlight facility in the Rahiyad and Suva village and Tree plantation with tree guard near gram panchayat in the Rahiyad, Atali, Koliyad and Galenda village) proposed under CER and it 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.	<p>Noted and Complied</p> <p>Being complied.</p> <p>GACL is actively carrying out the CER/CSR activities in the surrounding region. Details of activities carried out by GACL are as below;</p> <ul style="list-style-type: none"> - Development of Smart Anganwadi in Eksal and Nandida villages of Dahej area. Rs.15.19 Lakh. <div style="display: flex; justify-content: space-around;"> <div data-bbox="997 1465 1227 1682">  <p align="center">Eksal Anganwadi</p> </div> <div data-bbox="1260 1486 1507 1665">  <p align="center">Nandera Anganwadi</p> </div> </div>

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S. No.	EC Conditions	Compliance Status
		 <p>Development of 3 Animal Water through in Mahegam, Koliyad & Pishad villages of Dahej area. Rs.0.92 Lakh.</p> <p>Computer supply to Pisad and Sutrel Government Primary School of Dahej area. Rs.1.02 Lakh.</p>
42.	As proposed, total expenditure of at least Rs. 0.85 Crores shall be allocated for the conservation activity including Schedule- I species.	The budgetary provisions in the conservation plan of schedule I species submitted along with the EIA report is 10 Lacs i.e., 0.10 Cr., which was mentioned as 0.85 Cr. We have already applied for the corrigendum.
43.	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 & Services and submitted by the project proponent and commitments made during presentation before SEAC and proposed In the EIA report shall be strictly adhered to in letter and spirit.	Complied. Environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment Report such as provision of Gas detectors, Dyke wall provision, Level indicator, Earthing, flame arrestor & visual observation, Ready availability of fire extinguishers and fire hydrant system is ensured.
B.	General Conditions:	
B.	1 CONSTRUCTION PHASE:	
44.	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	Noted and complied
45.	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	Complied The construction activities will be carried out for a short duration, so no significant impact on the surrounding environment is expected. During transportation of construction materials, will be covered with tarpaulin, and water sprinkling will be implemented to control fugitive emissions.
46.	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	Complied.

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S. No.	EC Conditions	Compliance Status
47.	First Aid Box shall be made readily available in adequate quantity at all the times.	<p>Complied.</p> <p>We have provided sufficient first aid box in different location of office and plant area and are readily accessible.</p> <p>Sample photo of first aid box is appended as below.</p> 
48.	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.	Complied and taken into consideration
49.	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.	Noted and Complied
50.	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.	Noted and will be Complied
51.	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.	Note and will be Complied
52.	All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.	Note and will be Complied
53.	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.	Note and will be Complied
54.	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.	Note and will be Complied
55.	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.	Note and will be Complied

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S. No.	EC Conditions	Compliance Status
56.	"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.	Complied. Boundary wall as wind breaker is already provided within the boundary of the complex.
57.	No uncovered vehicles carrying construction material and waste shall be permitted."	Note and will be Complied
58.	"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."	Noted and will be Complied
59.	Roads leading to or at construction site must be paved and blacktopped (i.e. – metallic roads).	Noted and will be Complied
60.	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	Noted and will be Complied
61.	Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.	Noted and will be Complied
62.	Grinding and cutting of building materials in open area shall be prohibited.	Noted and will be Complied
63.	Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.	Noted and will be Complied
64.	Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site. (If applicable).	Noted and will be Complied
B.	2 OPERATION PHASE:	
B.	2.1 WATER	
65.	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	Complied. Water meter has been installed and the record is maintained. Photographic evidences of flow meters are presented below; 
66.	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.	Noted for compliance New options shall be explored and implemented as per feasibility during the execution of all the plants.
B.	2.2 AIR:	

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S. No.	EC Conditions	Compliance Status
67.	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.	Complied Six monthly / compliance report is being submitted regularly.
68.	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.	Complied
69.	Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.	Complied and as per GPCB Norms
70.	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.	Complied. Emission from the stacks and process vents is well within norms. Monitoring is being done regularly on monthly basis through MoEF&CC approved external agency. Stack Monitoring report of the same are enclosed here as Annexure-II .
71.	All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	Complied. Only closed reactors / vessels are used in the manufacturing process to reduce the fugitive emission.
B.	2.3 HAZARDOUS/SOLID WASTE:	
72.	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.	Complied. We are strictly complying 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. Authorisation from GPCB has been obtained vide order no. AWH-121860, date of issue: 06/10/2022, valid up to 08/09/2027 for collection, treatment, storage, disposal of hazardous wastes.
73.	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.	Complied.
74.	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	We have obtained membership from nearby pre-processing facility (M/s Banas Waste

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S. No.	EC Conditions	Compliance Status
		<p>Management LLP). Membership certificate appended as below:</p> 
75.	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.	Noted and complied.
76.	The design of the Trucks/tankers shall be such that there is no spillage during transportation	Noted and complied.
77.	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF	<p>Complied.</p> <p>We are exploring the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of Incinerable & landfillable wastes before sending to CHWIF & TSDF sites respectively and for the same we have obtained membership from nearby pre-processing facility (M/s Banas Waste Management LLP).</p>
B	2.4 SAFETY:	
78.	The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963	<p>Complied.</p> <p>We are complying with the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963 as well as Manufacture, Storage and Impact of Hazardous Chemicals Rules 1989 as amended in 2000 for handling of hazardous chemicals.</p>
79.	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	<p>Complied.</p> <p>We have obtained necessary approvals from PESO and other concerned Govt. Authorities for</p>

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S. No.	EC Conditions	Compliance Status
	obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.	our currently installed and operational CLM Plant and CTS Plant.
80.	Main entry and exit shall be separate and clearly marked in the facility.	Will be Complied We will provide separate main entry and exit.
81.	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.	Complied. Sufficient open space is provided at the periphery for free movement of emergency vehicles/ fire tenders/ patrolling, etc.
82.	Storage of flammable chemicals shall be sufficiently away from the production area.	Complied. Flammable chemicals in the form of raw materials and products are stored in dedicated storage area away from the production area and where applicable local administrative approval/ PESO approval has been obtained.
83.	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	Complied. We have provided 450+ Nos. fire extinguishers across the plant including storage area. Sample photo of installed fire extinguisher in near the plant and storage area is appended as below. 
84.	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	Complied. Necessary precautionary measures are in place to avoid any kind of accident during storage and handling of toxic / hazardous chemicals. Example; <ul style="list-style-type: none"> - Provision of DCS based plant operation. - Basic Process controls like Alarms, trips, etc - Permit to Work system - Deployment of trained personnel. - Earthing and Bonding provision. SOP/SMP in place and being followed.

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S. No.	EC Conditions	Compliance Status
85.	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.	Complied. All the applicable permissions for optimum storage of toxic and hazardous chemicals have been obtained from relevant authorities such as PESO, DISH, district authorities.
86.	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	Complied. Environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report such as Gas detectors, Dyke wall provision, Level indicator, Earthing, flame arrestor & visual observation, Ready availability of fire extinguishers and fire hydrant system have been provided.
87.	Only flame proof electrical fittings shall be provided in the plant premises.	Complied. Flameproof electrical fitting, lightings and other fixtures have been provided as per electrical area classification.
88.	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.	Complied.
89.	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.	Complied Appropriate controls are provided in storage tanks. Dyke wall of adequate capacity has been provided. Sample photo is given below for ready reference. 
90.	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	Complied. For avoidance of exposure to hazardous chemicals, we are operating our plant in closed circuit and manual handling of hazardous chemicals in open circuit system is eliminated.
91.	Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.	Complied. We have been utilising neighbouring hospitals/OHC for medical assistance. E.g. M/s GACL Dahej plot III OHC etc.
92.	Personal Protective Equipment's (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	Complied.

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S. No.	EC Conditions	Compliance Status
		Appropriate PPEs are provided to workers and usage is supervised at the section level as well as at the plant level.
93.	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<p>Complied. We have provided sufficient first aid box in different location of office and plant area and are readily accessible. Sample photo of first aid box is appended as below.</p> 
94.	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	<p>Noted and is being followed.</p> <ul style="list-style-type: none"> • We are providing training to all employees on safety and health aspects of chemicals handling. • We are carryout pre-employment and periodical medical examination for all the workers as per the factory act and the rules made these under and its record maintained.
95.	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.	<p>Complied. Occupational health surveillance of the workers is being done through in-house OHC as well as through external competent agency/ hospitals and its records are maintained. Pre-employment and periodical medical examination for all the workers is undertaken as per the Factories Act.</p>
96.	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	<p>Complied Transportation of hazardous chemicals is being ensured as per the provisions of the Motor Vehicle Act & Rules.</p>
97.	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	<p>Noted & complied.</p>
98.	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	<p>Complied Necessary permissions from statutory authorities like PESO, Factory Inspectorate and others have been obtained prior to commissioning of the project.</p>

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej


**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
B.	2.5 NOISE	
99.	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 confirm to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.	Complied. We are carryout ambient noise monitoring through NABL accredited and GPCB approved agency. Sample report of noise monitoring reports is attached as Annexure-III .
B.	2.6 CLEANER PRODUCTION AND WASTE MINIMISATION	
100.	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.	Noted for compliance. In-house CP assessment is being undertaken by competent technical staff having domain expertise in Water conservation, energy conservation, production management, waste management, etc.
101.	The company shall undertake various waste minimization measures such as:	Complied. Metering is provided at every sensitive point. Monitoring and control are being done as a part of the routine plant healthiness drive.
	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.	Noted. Reuse of by-products from the process as raw materials or as raw materials substitutes is being explored as per feasibility.
	c. Use of automated and close filling to minimize spillages.	Complied. All the filling is done through closed and automated system only.
	d. Use of close feed system into batch reactors.	Complied. Closed feed system is employed in batch reactors.
	e. Venting equipment through vapor recovery system.	Complied. Vapor recovery system is implemented in solvent bearing process plant.
	f. Use of high-pressure hoses for cleaning to reduce wastewater generation.	Complied. High pressure hoses are provided for cleaning to reduce waste water generation.
	g. Recycling of washes to subsequent batches.	Noted. Recycling of washes is being explored.
	h. Recycling of steam condensate.	Complied. Steam traps are provided at various locations to collect and reuse steam condensate.
	i. Sweeping / mopping of floor instead of floor washing to avoid effluent generation.	Noted and complied.
	j. Regular preventive maintenance for avoiding leakage, spillage etc.	Complied.

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej

**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no
SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
		Regular preventive maintenance is being done through engineering services team as per PM schedule.
B.	2.7 GREEN BELT AND OTHER PLANTATION:	
102.	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.	<p>Noted for compliance.</p> <p>The greenbelt development is under progress and planted 3000 nos. of trees till date and will complete the greenbelt development within upcoming 3-4 years with 37,500 nos. of trees in 1,24,644 sq. m. Year wise greenbelt development plan</p> <p>No. trees planted till date: 3000 Nos. No. of trees to be planted in 2025: 11000 Nos. No. of trees to be planted in 2026: 10000 Nos. No. of trees to be planted in 2027: 6750 Nos. No. of trees to be planted in 2028: 6750 Nos.</p> <p>Sample photo of greenbelt developed is appended as below.</p> 
103.	Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	<p>Noted for compliance.</p> <p>Currently, the plant is under development only CLM plant and Partly CTS plant are installed. Drip irrigation network shall be provided for green belt development.</p>
B.	3 OTHER CONDITION	

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej

**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
104.	The projects covered under category 5(f) shall undergo the safety and environment audit regularly as per the standards laid down by the GPCB and CPCB.	Complied
105.	PP shall carry out the safety audit and Risk Assessment Report as per the prevailing guidelines of safety.	Complied. GACL ensures to comply with all the environment protection measures risk mitigation measures and safeguarding recommended in the EMP report and risk assessment study report.
106.	EMP should invariably include provisions for Environmental Monitoring and measures for noise pollution control measures.	Complied
107.	In EMP proponent should separately indicate majors of occupational health, fire and safety measures.	Complied
108.	Prior EC is granted is subject to the proponent receiving all statutory permission / clearances / certificates and membership of respective agencies / authorities whichever applicable. Proponent shall inform progress from time to time, in six monthly compliance report to MOEFCC / SEIAA / SEAC / GPCB failing to which this provisional EC will stand withdrawn.	Complied
109.	Wherever waste water or chemical water to be collected by tankers and transported to CETP etc. any diversion and disposal in open drainage (nallah) etc. causing human and environmental damage or loss will make it liable for action under the law.	Noted We already have membership of BEIL for Common MEE and alternate arrangement to CETP Disposal.
110.	All transport movement by tankers etc. has to be done with maintenance of gate pass and logbook it should be verified by the inspecting authorities.	Noted and complied We have gate pass system for entry and exit and also maintained the data in logbook.
111.	Non-hazardous waste data shall be informed to GPCB time to time so as to make an assessment and tie-up with industry for generating sustainable power from the waste.	Complied
112.	All chemical pharma industry etc. should ensure predictive and preventive maintenance of factory / boiler and reactive show as to avoid incident of fire and safety hazards.	Note and complied
113.	EMP should include STP and detail cost including maintenance, transportation of waste water to CETP as well as transportation cost or transit cost.	Complied We have already considered and mentioned the detail cost including maintenance, transportation of waste water to CETP as well as transportation cost or transit cost in EIA.
114.	In LDAR preventive and predictive maintenance plan.	Note and complied

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej

**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status		
115.	In LDAR leakage component, source of equipment leak, detention method should be given in table form.	Complied We have already prepared the LDAR program and integrated in SAP. LDAR schedule as per the guideline is as below:		
		Component	Frequency of monitoring	Repair schedule
		Pump seals	Quarterly	Repair will be started at the earliest and shall be completed within 15 working days after detection of leak for general hydrocarbons
		Compressor seals	Quarterly	
		Pressure relief devices	Quarterly	
		Pressure relief devices (after venting)	Within 24 hours	
		Heat Exchangers	Quarterly	
		Process drains	Annually	
		Components that are difficult to monitor	Annually	
		Pump seals with visible liquid dripping	Immediately	Immediately
		Any component with visible leaks	Immediately	Immediately
		Any component after repair/ replacement	Within five days	--
116.	In storage component should be shown separately in terms whether inflammable, toxic, corrosive, reactive etc.	Noted and complied		
117.	In case of Fly Ash generation its management and disposal should be as per Government of India Notification and 100 % utilization should be ensured.	Noted		
118.	Project proponent shall install all environment management systems as per the CPCB/GPCB directives regarding the effluent discharge and air emission in working condition.	Noted and complied		
119.	Project proponent shall display the copy of Environment Clearance at the site prominently.	Note and complied		
120.	Project proponent shall prepare and follow regular and preventive maintenance plan.	Note and complied		
121.	Project Proponent will have to display the safety procedure in working area.	Complied		
122.	The project proponent shall obtain all required permissions for safety, health and fire from competent authorities like PESO/Fire Authority etc. and intimate SEIAA.	Complied. Necessary approvals from PESO and concerned Govt. Authorities (i.e DISH) have been obtained before commissioning of the project.		
123.	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.	Complied		

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej


**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
		We have already secured memberships with M/s. BEIL and M/s. Banas Waste Management LLP for the disposal of hazardous waste.
124.	Extra care will be taken by PP to avoid any accidental blast in boiler, reactor or any machinery in the plant.	Complied All safety measures are already taken.
125.	Environment monitoring, training and disaster management plan should be undertaken and complied at regular interval.	Complied
126.	Integrated Regional Office of MoEF&CC, Gandhinagar and GPCB will monitor all environment, safety & health norms as per the prevailing rules.	Noted
127.	The PP has to maintain the log sheets / registers / manifest / gate pass for discharge through tankers and SCADA system for pipeline discharge for the waste water generation and its disposal data and submit to the GPCB every quarter. GPCB shall verify the same on regular basis and inform SEIAA and take legal action in the cases of non-compliance.	Complied
128.	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.	Noted for compliance. We will comply with all the guidelines and conditions applicable to our unit.
129.	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 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.	GACL is actively carrying out the CER/CSR activities in the surrounding region. Details of activities carried out by GACL are as below; - Development of Smart Anganwadi in Eksal and Nandida villages of Dahej area. Rs.15.19 Lakh. - Development of 3 Animal Water through in Mahegam, Koliyad & Pishad villages of Dahej area. Rs.0.92 Lakh. - Computer supply to Pisad and Sutrel Government Primary School of Dahej area. Rs.1.02 Lakh. - Supported Rahiyad Sports Activities. Rs.0.20 Lakh. Photographic evidences are presented in compliance point no. 21.
130.	Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project 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.	Complied. Surface rain water harvesting is being practiced. Storage provision of 5 m ³ has been provided for storage of harvested rainwater and the same will be reused.
131.	The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is	Complied. GACL have financially participated in a 100 MLD common desalination project by GIDC.

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej


**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no
SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
	taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.	
132.	Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting 1in addition the provision for solar water heating system shall also be provided.	<p>Complied. We have installed 168 KW solar rooftop and generated electricity utilised in common areas (i.e plant lighting, office building lighting etc.) Solar rooftop photo is appended as below.</p> 
133.	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.	<p>Complied The area earmarked as green area is used only for plantation and not altered for any other purpose</p>
134.	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.	<p>Noted and agreed to comply.</p>
135.	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.	<p>Noted and agreed to comply.</p>
136.	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.	<p>Noted and agreed to comply.</p>
137.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.	<p>Noted and agreed to comply.</p>
138.	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.	<p>Complied. Material transfer is planned in a secured and closed manner. Drain is provided surrounding each process plant to collect the spillage material if any</p>
139.	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	<p>Complied. We have developed Pucca flooring / impervious layer in the work areas, chemical storage areas and chemical handling area.</p>

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej

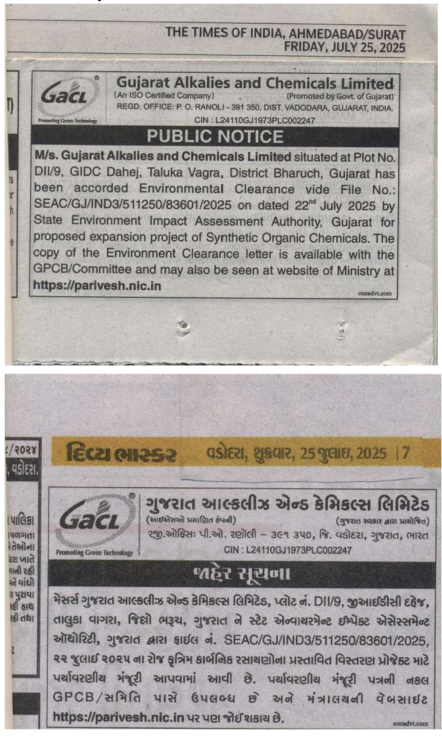
**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no
SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
		
140.	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	Noted and agreed to comply.
141.	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.	Noted and agreed to comply.
142.	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.	Noted and agreed to comply.
143.	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.	Complied. GACL has been taking up a number of CSR activities in the surrounding villages in letter and spirit.
144.	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.	Complied. GACL ensures to comply with all the environment protection measures risk mitigation measures and safeguarding recommended in the EMP report and risk assessment study report.
145.	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.	Complied. Separate provision of fund has been earmarked as part of the annual budget planning and allocation. The fund is being exclusively used for implementing the S&E activities as per conditions stipulated by authorities.

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej



**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no
SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
146.	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.	<p>Complied.</p> <p>Wide circulation of the granted EC was done by publishing the news in 2 local newspapers on 10/07/2020. Also, the copy of EC is posted on the company's website.</p> <p>Cut out of the newspaper is appended as below for ready reference.</p> 
147.	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 1 st December of each calendar year.	<p>Complied.</p> <p>Six monthly/ compliance report is being submitted regularly every six months.</p>
148.	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.	<p>Noted.</p>
149.	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<p>Noted and agreed to comply.</p>
150.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	<p>Noted.</p>
151.	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.	<p>Noted.</p>

GUJARAT ALKALIES AND CHEMICALS LIMITED

EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej

**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
152.	The project authorities shall inform the GPCB, Regional Office of MoEF&CC 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.	Noted
153.	This environmental clearance is valid for Ten (10) years from the date of issue.	Noted
154.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 130 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted
155.	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.	Noted
B.	4 COMPLIANCES OF ENVIRONMENT CLEARANCE/REPORTING/ADMINISTRATION/APPEAL:	
156.	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.	<p>Complied</p> <p>Wide circulation of the granted EC was done by publishing the news in 2 local newspapers on 25/07/2025. Also, the copy of EC is posted on the company's website.</p> <p>Cut out of the newspaper is appended as below for ready reference.</p> <div style="text-align: right;">   </div>

GUJARAT ALKALIES AND CHEMICALS LIMITED**EC COMPLIANCE FOR GACL PLOT No. D2/9 - Dahej**




**Status of Six-Monthly Compliance of the stipulated conditions of the Environment Clearance no SEAC/GJ/IND3/511250/83601/2025 Dated 27th July 2025
Period: 1st April 2025 to 30th September 2025.**

S. No.	EC Conditions	Compliance Status
157.	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.	Noted
158.	Designated key person shall submit six monthly compliance report to SEIAA/SEAC, MOEF&CC, GPCB and Nodal Department of the Government.	Noted and complied Last submitted six monthly compliances is on 13/06/2025.
159.	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.	Noted
160.	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.	Noted
161.	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.	Noted
162.	All complaints and public grievance or representations may be addressed to SEIAA/SEAC in the email addresses (a) msseiaagj2024@gmail.com & (b) seacgujarat@gmail.com	Noted

Annexure




Annexure- I

VOC Monitoring

		Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi – 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in			
MoEF&CC Recog. Environmental Laboratory under The EPA, 1986 (02.04.2025 to 29.03.2028)	NABL (ISO/IEC 17025:2017) Accredited Testing Laboratory (TC-15345) (22.01.2025 to 22.09.2026)	QCI-NABET Accredited EIA & GW Consultant Organization	GPCB Recognized Environmental Auditor (Sch-II)	ISO 9001 : 2015 Certified Company	ISO 45001 : 2018 Certified OHS Management System
VOC MONITORING					
Test Report No.:	UERL/25/10/GACL/VM-001	Date of Report:	06/11/2025		
Name & Address of Industries:	M/s. GUJARAT ALKALIES AND CHEMICALS LIMITED Plot No.D-II/9, GIDC Dahej, Tal: Vagara, Dist.: Bharuch, Pin Code: 392130, Gujarat, India.				
Raw Materials:	Chlorine, Methanol, Methane, Toluene				
Finished Products:	Methyl Chloride, Methylene Chloride, Chloroform, Carbon Tetrachloride, BCL, BOH, BCHO				
Particulars of Sampling:	Ambient Monitoring.				
Instrument Used:	PID Gas Detector (Ion Science).				
Date of Monitoring: 09/10/2025					
Result:					
Sr. No.	Location	Test Parameter	Unit of Measurement	Result	
1.	Near CLM Warehouse	VOCs	ppm	0.2	
2.	Near Methanol Tank Farm			0.1	
3.	Near Toluene Tank Farm			0.3	
4.	Near BCL Plant			0.2	
Note: Limit of VOCs Not Define in Factory Act.					
***** End of Report *****					
Checked By:  Ankur R. Patel (Supervisor)			Authorized By:  Jaivik S. Tandel (Manager - Operations)		
Page No.: 1 of 1		UERL/AIR/F-84/00			
Note: This report is subject to Terms and Conditions mentioned overleaf.					
Regd. Office : 215, Royal Arcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195. Gujarat. Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat. CIN: U73100GJ2007PTC051463					

Annexure- II

Air Ambient Monitoring

		Plot No.51, Vibrant Business Park, NH No. 48, GIDC, Vapi – 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in			
MoEF&CC Recog. Environmental Laboratory under The EPA, 1986 (02.04.2025 to 29.03.2028)	NABL (ISO/IEC 17025:2017) Accredited Testing Laboratory (TC-15345) (22.01.2025 to 22.09.2026)	QCI-NABET Accredited EIA & GW Consultant Organization	GPCB Recognized Environmental Auditor (Sch-II)	ISO 9001 : 2015 Certified Company	ISO 45001 : 2018 Certified OHS Management System
TEST REPORT					
STACK MONITORING					
Test Report No.	UERL/25/10/GACL/S-001	Report Issue Date	06/11/2025		
Service Request form No.	UERL/AIR/D/SRF/10/S-001	Service Request Date	09/10/2025		
Sample ID No.	UERL/AIR/D/ID/S-25/10/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/10/001		
Name & Address of Industries	M/s. Gujarat Alkalies and Chemicals Limited. Plot No. D-II/9, GIDC Dahej, Tal. Vagra, Dist. Bharuch, Gujarat-392130.				
Date of Sampling	09/10/2025	Date of Testing	10/10/2025		
Stack Sampling Attached to	Boiler				
Air Pollution Control Device	--				
Fuel Used	Natural Gas				
➤ Details of Instrument Used for Monitoring					
Instrument Id No.	UERL-D/AIR/SMK/01				
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15		
Calibration Date	09/06/2025	Next Calibration Due On	08/06/2026		
➤ General Stack Monitoring Observation					
Sr. No.	Description	Unit of Measurement	Observation		
1.	Stack Height	M	33		
2.	Stack Dia	mm	500		
2.	Stack Area	m ²	0.19643		
3.	Ambient Temperature	°C	29		
4.	Flue Gas Temperature	°C	56		
5.	Exit Gas Velocity	m/s	6.6		
6.	Exit Gas Flow	m ³ /h	4667.1		
➤ Test Parameter Results					
DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter (PM)	mg/Nm ³	7	150	IS 11255(Part 1)
2.	Sulphur Dioxide (SO ₂)	ppm	9	100	IS 11255(Part 2)
3.	Oxide of Nitrogen (NO _x)	ppm	24	50	IS 11255(Part 7)
***** End of Report *****					
Checked By:  Ankur R. Patel (Supervisor)			Authorized By:  Jaivik S. Tandel (Manager - Operations)		
Page 7	Note: This report is subject to terms and conditions mentioned overleaf.				UERL/AIR/F-21/08
Regd. Office : 215, Royal Arcade, Near G.I.D.C. Office, Char Rasta, Vapi-396 195. Gujarat. Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat. CIN: U73100GJ2007PTC051463					

**TEST REPORT
STACK MONITORING**

Test Report No.	UERL/25/10/GACL/S-002	Report Issue Date	06/11/2025
Service Request form No.	UERL/AIR/D/SRF/10/S-002	Service Request Date	09/10/2025
Sample ID No.	UERL/AIR/D/ID/S-25/10/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/10/002
Name & Address of Industries	M/s. Gujarat Alkalies and Chemicals Limited. Plot No. D-II/9, GIDC Dahej, Tal. Vagra, Dist. Bharuch, Gujarat-392130.		
Date of Sampling	09/10/2025	Date of Testing	10/10/2025
Stack Sampling Attached to	BCL Plant.		
Air Pollution Control Device	Caustic Scrubber		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/HS/01		
Instrument Name	Handy Sampler	Serial Number	91-I-19
Calibration Date	01/02/2025	Next Calibration Due On	31/01/2026

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	M	33
2.	Ambient Temperature	°C	29
3.	Flue Gas Temperature	°C	30

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Hydrochloric Acid (HCl)	mg/Nm ³	BDL (MDL:0.1)	20	Argentometric Method
2.	Chlorine (Cl ₂)	mg/Nm ³	BDL(MDL:5.0)	9	SAEPA Method 03.04

Note: BDL- Below Detection Limit, MDL- Minimum Detection Limit

***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

**TEST REPORT
STACK MONITORING**

Test Report No.	UERL/25/10/GACL/S-003	Report Issue Date	06/11/2025
Service Request form No.	UERL/AIR/D/SRF/10/S-003	Service Request Date	09/10/2025
Sample ID No.	UERL/AIR/D/ID/S-25/10/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/10/003
Name & Address of Industries	M/s. Gujarat Alkalies and Chemicals Limited. Plot No. D-II/9, GIDC Dahej, Tal. Vagra, Dist. Bharuch, Gujarat-392130.		
Date of Sampling	09/10/2025	Date of Testing	10/10/2025
Stack Sampling Attached to	Process Vent (CL-3008)		
Air Pollution Control Device	Caustic Scrubber		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/HS/01		
Instrument Name	Handy Sampler	Serial Number	91-I-19
Calibration Date	01/02/2025	Next Calibration Due On	31/01/2026

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	M	10
2.	Ambient Temperature	°C	29
3.	Flue Gas Temperature	°C	30

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Hydrochloric Acid (HCl)	mg/Nm ³	BDL (MDL:0.1)	20	Argentometric Method

Note: BDL- Below Detection Limit, MDL- Minimum Detection Limit

***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/10/GACL/S-003	Report Issue Date	06/11/2025
Service Request form No.	UERL/AIR/D/SRF/10/S-003	Service Request Date	09/10/2025
Sample ID No.	UERL/AIR/D/ID/S-25/10/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/10/003
Name & Address of Industries	M/s. Gujarat Alkalies and Chemicals Limited. Plot No. D-II/9, GIDC Dahej, Tal. Vagra, Dist. Bharuch, Gujarat-392130.		
Date of Sampling	09/10/2025	Date of Testing	10/10/2025
Stack Sampling Attached to	HCl Storage Tank & Tanker filling System Vent		
Air Pollution Control Device	Water Scrubber		

> **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/HS/01		
Instrument Name	Handy Sampler	Serial Number	91-I-19
Calibration Date	01/02/2025	Next Calibration Due On	31/01/2026

> **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	M	10
2.	Ambient Temperature	°C	29
3.	Flue Gas Temperature	°C	30

> **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Hydrochloric Acid (HCl)	mg/Nm ³	BDL (MDL:0.1)	20	Argentometric Method

Note: BDL- Below Detection Limit, MDL- Minimum Detection Limit

***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)




Authorized By:



Jaivik S. Tandel
(Manager - Operations)

Annexure-III

Noise Monitoring Results

		Plot No 51, Vibrant Business Park, NH No. 48, GIDC, Vapi – 396 195. Dist-Valsad (Gujarat), India. Phone : +91 260 2433966 / 2425610 Email : response@uerl.in Website : www.uerl.in			
MoEF&CC Recog. Environmental Laboratory under The EPA, 1986 (02.04.2025 to 29.03.2028)	NABL (ISO/IEC 17025:2017) Accredited Testing Laboratory (TC-15345) (22.01.2025 to 22.09.2026)	QCI-NABET Accredited EIA & GW Consultant Organization	GPCB Recognized Environmental Auditor (Sch-II)	ISO 9001 : 2015 Certified Company	ISO 45001 : 2018 Certified OHS Management System
NOISE LEVEL MONITORING REPORT					
Discipline.:	Chemical Testing	Name Of Group:	Atmospheric Pollution		
Test Report No.:	UERL-D/25/10/GACL/N-001	Date of Report	06/11/2025		
Name & Address of Industries	M/s. Gujarat Alkalies and Chemicals Limited. Plot No. D-II/9, GIDC Dahej, Tal. Vagra, Dist. Bharuch, Gujarat-392130.				
> Details of Instrument Used for Monitoring.					
Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date	
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	01/02/2025	31/01/2026	
Date of Monitoring: 09/10/2025					
Results:					
Sr. No.	Location	Noise Level dB(A)		Permissible Limit CPCB	
		Day Time	Night Time	Day Time	Night Time
1.	Near Main Gate	58.4	49.2	75 dB (A)	70 dB (A)
2.	Near CLM Plant Store Area	59.2	52.7	75 dB (A)	70 dB (A)
3.	Near CLM 1800-A Section	61.3	57.3	75 dB (A)	70 dB (A)
4.	Near CLM Warehouse Area	57.6	53.4	75 dB (A)	70 dB (A)
5.	Near BCL Plant Area	56.7	52.6	75 dB (A)	70 dB (A)
6.	Near CTS Warehouse Area	56.1	51.3	75 dB (A)	70 dB (A)
7.	Near CTS Substation Building Area	59.7	50.7	75 dB (A)	70 dB (A)
8.	Near Boiler Area	61.3	55.2	75 dB (A)	70 dB (A)
Note: Ambient Air Quality Standards in respected of Noise as per CPCB.					
***** End of Report *****					
Checked By:  Ankur R. Patel (Supervisor)			Authorized By:  Jaivik S. Tandel (Manager - Operations)		
Page 12	Note: This report is subject to terms and conditions mentioned overleaf.				UERL-D/AIR/F-04/03
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