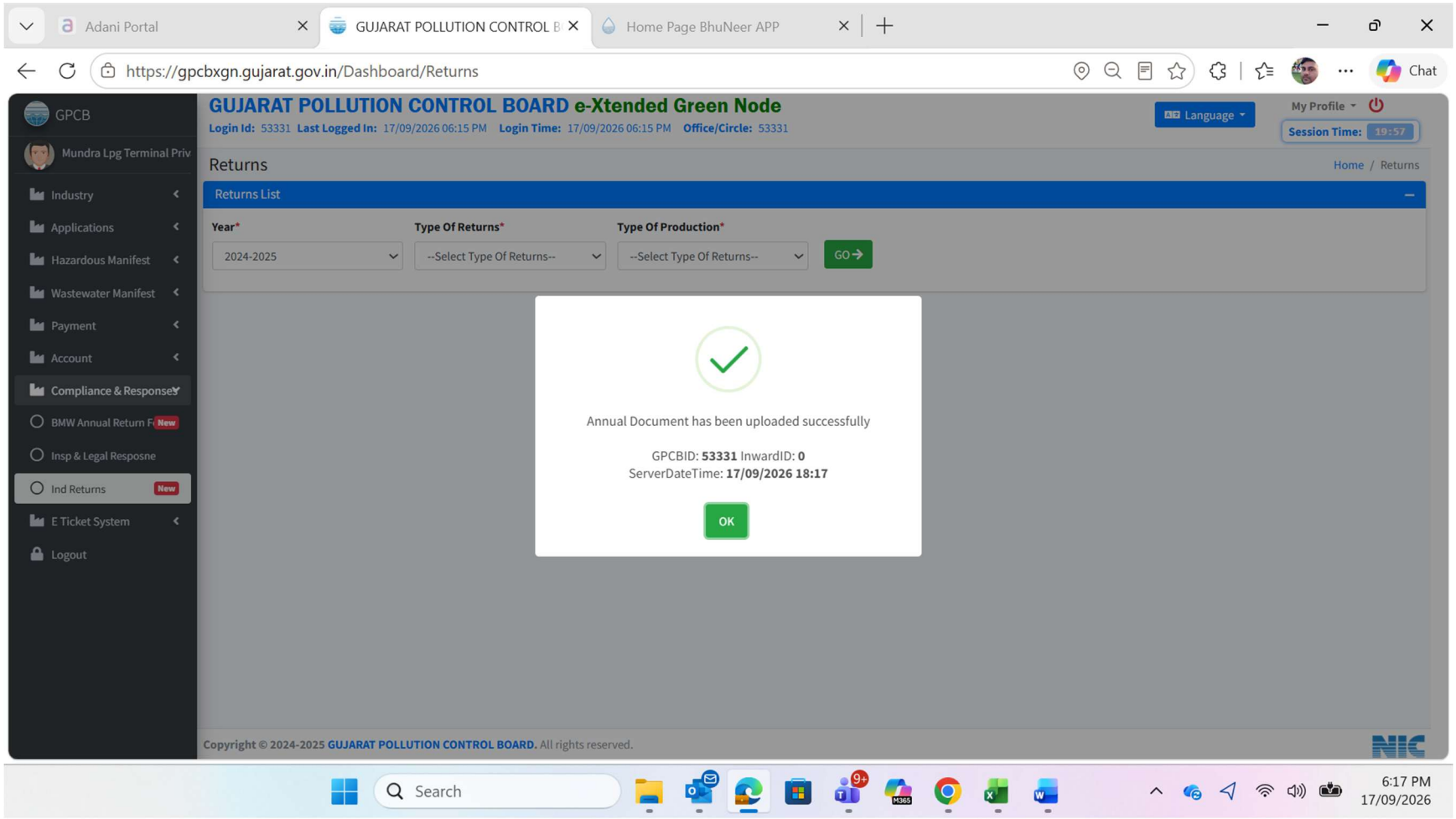
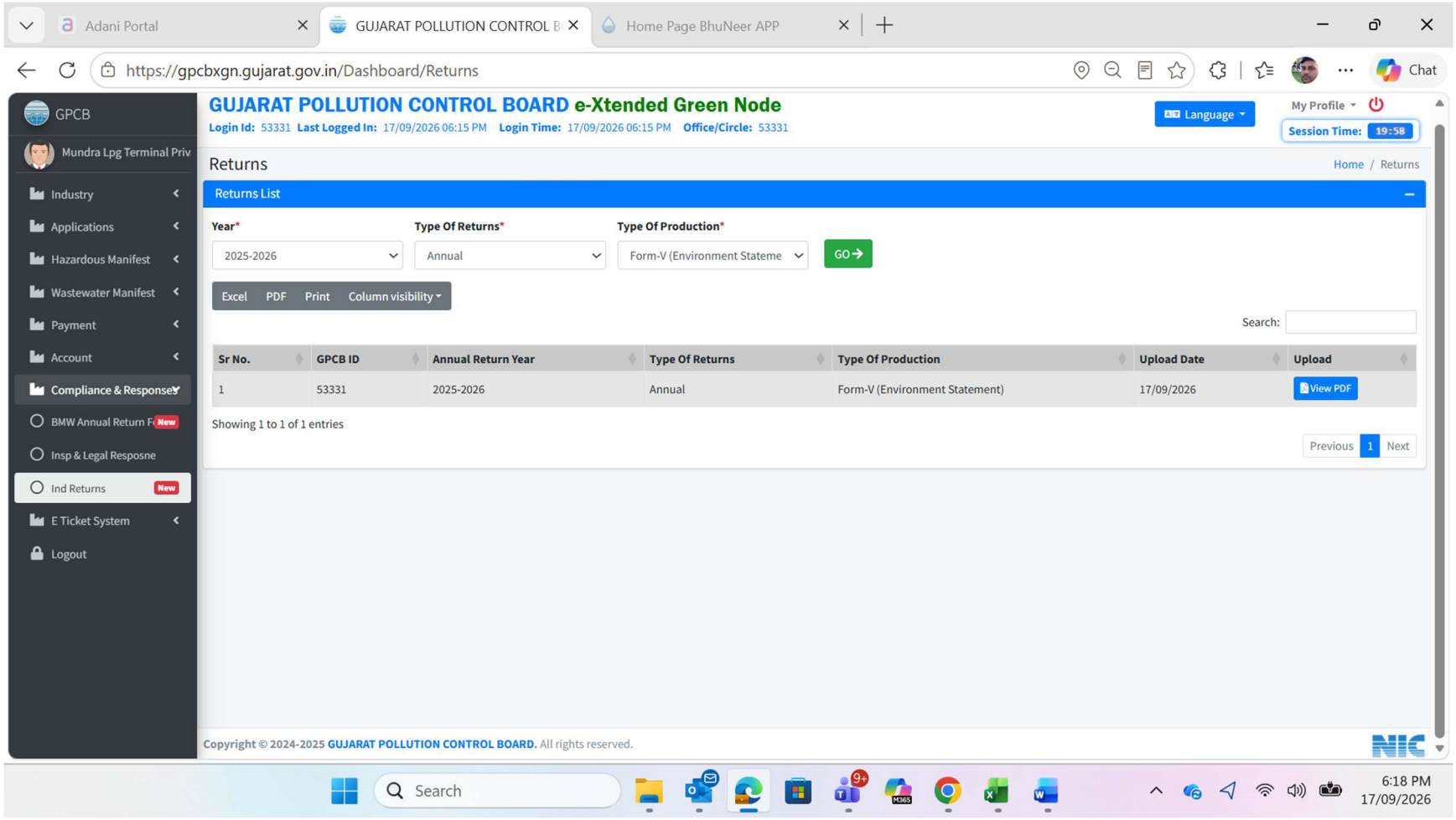

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Wastewater Manifest
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Type Of Returns*
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Type Of Production*
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Previous 1 Next
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adani
Ports and Logistics

PCB ID: 53331

Ref No. APSEZL/EnvCell/2026-27/56 **Date: 14.09.2026**

To,
Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector-10-A, Gandhinagar – 382010

Dear Sir,

Sub: Environmental Statement for the financial year ending 31st March, 2026 for **M/s Mundra LPG Terminal Pvt. Ltd. (MLTPL).**

Ref: Consent Order AWH – 134895 issue dated 12.06.2024 Valid till 27.06.2029 (PCB ID: - 53331)

With reference to the above-mentioned subject and reference, please find enclosed Environmental Statement in Form V prescribed under Rule 14 of the Environment (Protection) Rules 1986, for **M/s Mundra LPG Terminal Pvt. Ltd. (MLTPL), Plot No. 169/P, Navinal Island, Mundra, Tal. Mundra, Dist. Kutch – 370421** for the financial year ending 31st March 2026.

Thank you,

Yours faithfully,

For **Mundra LPG Terminal Pvt. Ltd. (MLTPL)**



Authorized Signatory

Encl: As above.

Copy to: The Regional Officer, Gujarat Pollution Control Board (East-Kutch), Gandhidham.

Mundra LPG Terminal Pvt Ltd
Adani House,
PO Box No. 1
Mundra, Kutch 370 421
Gujarat, India
CIN: U40106GJ2015PTC084303

Tel +91 2838 25 5000
Fax +91 2838 25 51110
info@adani.com
www.adani.com

Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad 382421, Gujarat.

PCB ID: 53331

FORM V
(See Rule 14)

Environmental Statement for the Financial Year ending 31st March 2026

PART – A

(i)	Name and address of the Owner/ Occupier of the Industry Operation or Process	:	Mr. Niraj Bansal CEO – Mundra & Tuna Port Adani Ports and SEZ Limited 4th Floor, Adani House, Mundra, Kutch – 370421. Ph No. (02838) 255000
(ii)	Industry Category Primary (STC Code) Secondary (STC Code)	:	Red-Large NA NA
(iii)	Production Capacity	:	Handling, Storage & Distribution of LPG @ 3.56 MMTPA
(iv)	Year of Establishment	:	2017
(v)	Date of last Environment Statement submitted	:	08/09/2025

PART – B

Water and Raw Material Consumption

(i) Water Consumption in m^3/day: -

Process	:	Nil
Cooling (Boiler feed/Cooling/Others)	:	135.50 KLD
Domestic	:	9.84 KLD

Name of product	Process water consumption per unit of product output	
	During the current financial year 2024-2025	During the current financial year 2025-2026
Handling, Storage & Distribution of LPG	0.077 KL/MT for LPG Handling, Storage & Distribution	0.0374 KL/MT for LPG Handling, Storage & Distribution

The water is not consumed in handling, storage, distribution and manufacturing process of LPG. The water consumed for industrial purpose mainly in firefighting equipment testing, cooling tower operation the utility operation.

(ii) Raw Material Consumption

Name of raw Materials	Name of Product	Consumption of Raw Material Per unit of Output	
		During the current financial year 2024-2025	During the current financial year 2025-2026
Propene	Handling, Storage & Distribution of LPG	0.607 MT / MT	0.5221 MT / MT
Butane		0.4145 MT / MT	0.5197 MT / MT
Merkepton		0.000013 MT / MT	0.00001339 MT / MT

(PCB ID: 53331)

PART – C

Pollutants discharged to Environment/Unit of Output
(Parameters as specified in consent issued)

Pollutants	Quantity of pollutants discharged (Mass/day)		Concentrations of pollutants in discharges (mass/volume)		Percentage of variation from prescribed standards with reasons
	Parameters	**Avg. Mass Kg/Day**	**Parameters**	**Avg. Mass**	
(a) Water	pH	-	pH	7.29	The industrial wastewater is neutralized in pH correction tank.
(b) Air	Particulate Matter (PM)	0.0010	Particulate Matter (PM) (mg/Nm^3)	31.05	No variation in prescribed standards. The parameters are well within the prescribed limit. 1. DG sets having capacities 2000 KVA is provided as a standby power source and used during power failure. Analysis reports of stack monitoring are enclosed as ***Annexure – 2.***
	Sulphur Dioxide (SO_2)	0.0012	Sulphur Dioxide (SO_2) (PPM)	14.29	
	Nitrogen Oxide (NO_x)	0.0016	Nitrogen Oxide (NO_x) (PPM)	26.76	

PART – D

Hazardous Wastes
(As specified under Hazardous Wastes Management and Handling Rules 2016)

Hazardous Waste	Total Quantity (Kg)	
	During the current financial year 2024-2025	**During the current financial year 2025-2026**
From Process		
Used/Spent Oil	Nil*	Nil*
Discarded drum / Containers		
Oily cotton rags		
Sludge and filters contaminated with oil		
From Pollution Control facility	Not Applicable	Not Applicable

Due to very minimum hazardous waste generation quantity considering clean operational activity the waste did not disposed during last years. Whenever sizable quantity of the hazardous waste will be accumulated it will be disposed as per HW rules and regulation.

PART – E

Solid Waste

Waste	Total Quantity (MT)	
	During the current financial year 2024-2025	During the current financial year 2025-2026
a. From Process		
Dry Waste**	*Refer Annexure – 3**	
Wet Waste**		
RDF**		
b. From pollution control facilities		
(C-1) Quantity recycled or reutilized within the unit		
(C-2) Sold		
(C-3) Disposed		

***** The solid waste details are of entire APSEZ area including MLTPL. The solid waste of MLTPL is also being managed in APSEZ waste management system. The solid waste (glass, paper, plastic, metal scrap and food waste) categorized in Recyclable Waste, Wet Waste and Refused Derived Fuel (RDF) and managed in common waste management facility of APSEZ.***

PART - F

Please specify the characterization (in terms of Composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

Details of Hazardous Waste Management

Hazardous waste	Quantity (MT) disposed During the current financial year 2025-2026	Disposal Practice
Used/Spent Oil	Nil	Collection, Storage, Transportation & Disposal by reuse within premises and / or selling out to registered recycler/ reprocessor.
Discarded drum / Containers	Nil	Collection, Storage, Transportation & Disposal by reuse within premises and / or selling out to registered recycler/ reprocessor
Oily cotton rags	Nil	Collection, Storage, Transportation & Disposal by Co-processing at Cement Industries.
Sludge and filters contaminated with oil	Nil	Collection, Storage, Transportation & Disposal by selling out to registered recycler/ reprocessor.

Details of Solid Waste Management*

Solid Waste	Quantity (MT) disposed during the current financial year 2025-2026	Disposal method
Dry Waste	3063.96	After recovery sent/sold for recycling or reuse within premises
Wet Waste	1165.27	Food waste Converted to Manure for horticultural use and biogas generation for cooking purpose.
RDF	258.59	Sending to cement industry for co processing

**** Above mentioned solid waste details are of entire APSEZ area including MLTPL. The solid waste of MLTPL is also being managed in APSEZ waste management system. The solid waste (glass, paper, plastic, metal scrap and food waste) categorized in Recyclable Waste, Wet Waste and Refused Derived Fuel (RDF) and managed in common waste management facility of APSEZ.***

- APSEZ, Mundra has been awarded the Zero Waste to Landfill Management System certification (Certificate No.: CII/ZWL/2025/001) by the Confederation of Indian Industry (CII), valid until 22nd December 2027.

PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Energy Savings (APSEZ)

- Installed 8.8 MW roof top solar power plant at various locations and 22.4 MW wind power plant in SEZ in Mundra.
- Installed 8.8 MW roof top solar power plant at various locations in SEZ in Mundra which has generated nearly 8.69 million units in FY 2025-26 and utilized the renewable source of energy for captive use. This reduced the emission of CO2 by nearly 7,127 tCO2e.
- Planned development of 1000 MW Solar Park at Khavda, out of which 300 MW capacity has already been developed and in operation which has generated nearly 15.19 million units in FY 2025-26 and utilized the renewable source of energy for captive use in APSEZ, Mundra. This reduced the emission of CO2 by nearly 12,361 tCO2e.

Water Conservation:

- Water reducers have been installed in residential area and various offices.
- Waterless urinals are installed in various offices.
- Sensor based automatic On/Off pump & Automatic controlled water tap which eliminates the manual intervention and reduces the water wastage.
- Digitization of Commercial water flow meter and domestic water meters at residential (Samundra) township for real-time monitoring and tracking the water consumption.
- 100% Utilization of treated water for horticulture use.

Following safeguard measures are taken for abatement of dust and noise emissions:

- Regular cleaning of roads
- D.G. Set having acoustic enclosures
- Adequate greenbelt and plantation area

PART – H

Additional measures /investment/ proposal for environmental protection including abatement of pollution, prevention of pollution.

- Treated water from N-Pit is used for gardening and horticulture activity within APSEZ premises to conserve freshwater consumption.
- APSEZ has formed a dedicated Horticulture department & developing green belt within port premises.
- In entire APSEZ more than 458 ha. area is developed as greenbelt with samplings of more than 9.06 Lacs.
- The following safeguard measures are taken for abatement of dust and noise emissions.
  - ✓ Regular sprinkling on road and other open areas.
  - ✓ Regular cleaning of roads
  - ✓ Development of greenbelt along the periphery of the storage yards/back up area
  - ✓ D.G. Sets having acoustic enclosures

PART – I

Any other particulars for improving the quality of environment:

- Monitoring of environmental parameters such as Air, Noise, and wastewater quality being done regular basis through MoEF&CC & NABL recognized laboratory (M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi).
- APSEZ Budget for environmental management measures (including horticulture) for the FY 2025-26 is to the tune of INR **1349.79** lakh. Out of which, Approx. INR **1042.95** is spent during the year FY 2025-26. Detailed breakup of the expenditures for the FY 2025-26 is attached as ***Annexure – 4.***
- APSEZ is driving paperless office and plastic free drive to eliminate the use of papers and plastic materials to the extent possible within ports, SEZ and residential townships.

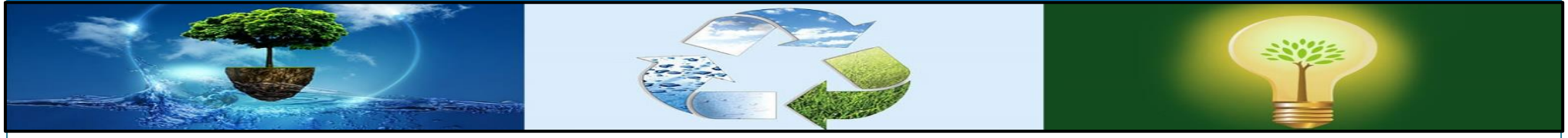


Date: 14-09-2026

(Signature of a person carrying out an industry, operation or process)
Designation: **Head-Environment Cell**

ANNEXURE – 1
Details of Water Consumption

Month	Industrial (KL)	Domestic (KL)	Total (KL)	Treated Effluent (Industrial & Domestic) in KL
Apr-25	4306	209	4515	1210
May-25	4241	224	4465	1110
Jun-25	4048	316	4364	1785
Jul-25	4013	257	4270	1445
Aug-25	3884	291	4175	1689
Sep-25	4477	272	4749	1527
Oct-25	4678	238	4916	1438
Nov-25	4428	261	4689	1378
Dec-25	3183	298	3481	1260
Jan-26	4294	276	4570	1297
Feb-26	3519	283	3802	1285
Mar-26	4388	668	5056	2092
Total	**49459**	**3593**	**53052**	**17516**
Per Month	**4122**	**299**	**4421**	**1460**
Per Day	**135.50**	**9.84**	**145.35**	**47.99**



“Half Yearly Environmental Monitoring Reports “

ANNEXURE - 2

For,

adani
Ports and Logistics

M/S. Mundra LPG Terminal Pvt. Ltd.

PLOT NO. 169/P, AT - NAVINAL ISLAND, Village - MUNDRA, Tal. – Mundra, DIST. - KUTCH - 370421.

Monitoring Period: April – 2025 to September - 2025

Submitted By

UniStar
Environment and Research Labs Pvt. Ltd.

UniStar Environment & Research Labs Pvt. Ltd.

Plot No. 51 Vibrant Business Park Vapi, Dist. Valsad 396191 l Gujarat l India



UniStar
Environment and Research Labs Pvt. Ltd.

Plot No.51, Vibrant Business Park,
NH No.48, GIDC, Vapi-396195
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 Organisation | GPCB Recognized Environmental Auditor (Sch-II) | ISO 9001: 2015 Certified Company | ISO 45001: 2018 Certified OHS Management System

RESULTS OF LPG Terminal N –PIT WATER

SR.NO.	TEST PARAMETERS	UNIT	Liquid Terminal						TEST METHOD
			Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	
			16-04-2025	21-05-2025	05-06-2025	14-07-2025	18-08-2025	25-09-2025	
1.	Colour	Pt. Co. Scale	50	40	50	50	40	40	IS 3025(Part 4):2021
2.	pH @ 27 ° C	--	7.14	7.11	7.16	7.31	7.44	7.22	IS 3025(Part 11):2022
3.	Temperature	^{0}C	30.5	31	30	30	30	30	IS 3025(Part 9):2023
4.	Total Suspended Solids	mg/L	16	24	26	22	28	24	APHA 24th Ed.2023,2540 –D
5.	Total Dissolved Solids	mg/L	934	910	960	976	982	944	APHA 24th Ed.2023,2540- C
6.	COD	mg/L	62.4	77.8	71.9	84.2	76.2	78.4	IS 3025(Part 58):2023
7.	BOD (3 days at 27 ^{0}C)	mg/L	18	23	21	25	23	22	IS 3025(Part 44):2023
8.	Chloride (as Cl) $^-$	mg/L	346.4	374	377.4	402.4	410.4	396.1	IS 3025(Part 32):1988
9.	Oil & Grease	mg/L	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	IS 3025(Part 39):2021
10.	Ammonical Nitrogen	mg/L	5.8	5.8	5.4	4.2	5.5	4.9	IS 3025(Part 34):1988

UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

UniStar
Environment and Research Labs Pvt. Ltd.

Plot No.51, Vibrant Business Park,
NH No.48, GIDC, Vapi-396195
Dist-Valsad (Gujarat), India
Phone + 91 260 2433966/2425610
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Results of Ambient Air Quality Monitoring

Name of Location		LPG Terminal Substation						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
1.	03-04-2025	74.82	29.18	23.83	27.42	0.8	--	NOT DETECTED
2.	07-04-2025	71.43	27.53	22.59	25.9	0.85	3.78	NOT DETECTED
3.	10-04-2025	77.69	30.64	26.18	30.43	0.77	3.83	NOT DETECTED
4.	14-04-2025	75.37	28.67	25.63	28.88	0.74	3.8	NOT DETECTED
5.	17-04-2025	70.82	25.41	21.94	26.58	0.69	3.72	NOT DETECTED
6.	21-04-2025	76.87	26.48	25.74	29.24	0.75	3.75	NOT DETECTED
7.	24-04-2025	81.42	31.79	28.35	32.73	0.83	3.84	NOT DETECTED
8.	28-04-2025	78.55	28.36	26.14	30.51	0.78	3.78	NOT DETECTED
9.	01-05-2025	72.34	27.65	22.45	26.56	0.78	3.11	NOT DETECTED
10.	05-05-2025	70.56	26.23	21.12	24.67	0.65	3.68	NOT DETECTED
11.	08-05-2025	73.23	31.23	24.56	28.98	0.71	3.76	NOT DETECTED
12.	12-05-2025	74.23	26.45	23.23	27.67	0.68	3.87	NOT DETECTED
13.	15-05-2025	69.87	24.32	20.98	24.32	0.61	3.76	NOT DETECTED
14.	19-05-2025	75.23	25.34	24.32	28.78	0.77	3.65	NOT DETECTED
15.	22-05-2025	80.12	29.98	27.87	31.23	0.81	3.71	NOT DETECTED

Continue…

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Dist-Valsad (Gujarat), India
Phone + 91 260 2433966/2425610
Email : response@uerl.in Website : www.uerl.in

Name of Location		LPG Terminal Substation						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
16.	26-05-2025	77.23	26.56	25.32	29.89	0.74	3.8	NOT DETECTED
17.	29-05-2025	75.23	28.76	23.12	27.56	0.69	3.76	NOT DETECTED
18.	02-06-2025	70.21	26.19	21.87	25.34	0.65	3.5	NOT DETECTED
19.	05-06-2025	67.69	25.45	19.57	22.76	0.58	3.37	NOT DETECTED
20.	09-06-2025	64.38	22.81	18.42	22.12	0.52	3.32	NOT DETECTED
21.	12-06-2025	60.47	19.35	15.76	18.45	0.57	3.43	NOT DETECTED
22.	16-06-2025	65.49	23.53	17.42	21.56	0.63	3.56	NOT DETECTED
23.	19-06-2025	68.47	25.26	19.47	22.81	0.68	3.58	NOT DETECTED
24.	23-06-2025	58.74	20.65	16.77	20.35	0.50	3.47	NOT DETECTED
25.	26-06-2025	63.25	21.43	18.35	23.65	0.57	3.53	NOT DETECTED
26.	30-06-2025	67.12	23.71	20.52	24.12	0.64	3.61	NOT DETECTED
27.	03-07-2025	65.73	23.15	18.35	22.74	0.57	--	NOT DETECTED
28.	07-07-2025	62.91	21.83	15.48	19.11	0.53	3.51	NOT DETECTED
29.	10-07-2025	67.58	25.25	17.89	21.47	0.6	3.59	NOT DETECTED
30.	14-07-2025	71.42	28.74	20.26	24.29	0.66	3.68	NOT DETECTED
31.	17-07-2025	70.85	26.32	19.76	25.09	0.62	3.63	NOT DETECTED

Continue…

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Dist-Valsad (Gujarat), India
Phone + 91 260 2433966/2425610
Email : response@uerl.in Website : www.uerl.in

Name of Location		LPG Terminal Substation						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
32.	21-07-2025	67.54	24.98	17.56	22.31	0.55	3.57	NOT DETECTED
33.	24-07-2025	60.43	21.46	14.19	17.76	0.47	3.49	NOT DETECTED
34.	28-07-2025	58.97	17.68	13.81	15.96	0.44	3.47	NOT DETECTED
35.	31-07-2025	62.47	21.34	16.62	20.37	0.52	3.56	NOT DETECTED
36.	04-08-2025	61.28	22.96	15.28	20.16	0.49	3.47	NOT DETECTED
37.	07-08-2025	65.74	24.2	17.46	23.48	0.55	3.52	NOT DETECTED
38.	11-08-2025	70.63	27.48	21.59	25.68	0.62	3.65	NOT DETECTED
39.	14-08-2025	67.42	26.59	20.41	24.13	0.58	3.62	NOT DETECTED
40.	18-08-2025	59.21	21.47	15.63	20.18	0.5	3.54	NOT DETECTED
41.	21-08-2025	63.43	23.46	16.13	18.62	0.54	3.57	NOT DETECTED
42.	25-08-2025	66.78	26.22	18.46	23.24	0.58	3.62	NOT DETECTED
43.	28-08-2025	69.37	28.68	22.38	27.26	0.63	3.68	NOT DETECTED
44.	01-09-2025	66.57	26.48	19.25	23.11	0.51	3.61	NOT DETECTED
45.	04-09-2025	61.39	24.13	16.43	20.65	0.35	3.35	NOT DETECTED
46.	08-09-2025	64.52	26.11	17.34	21.27	0.43	3.42	NOT DETECTED
47.	11-09-2025	71.38	29.87	22.54	26.15	0.68	3.56	NOT DETECTED

Continue…

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Name of Location		LPG Terminal Substation						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
48.	15-09-2025	66.25	25.41	20.96	24.31	0.58	3.39	NOT DETECTED
49.	18-09-2025	68.58	28.76	23.45	26.57	0.63	3.24	NOT DETECTED
50.	22-09-2025	60.81	21.53	16.64	20.39	0.44	3.17	NOT DETECTED
51.	25-09-2025	65.32	27.24	18.35	22.24	0.39	3.29	NOT DETECTED
52.	29-09-2025	62.49	25.63	16.52	20.75	0.47	2.33	NOT DETECTED
Permissible Value as per NAAQMS		**100.0**	**60.0**	**80.0**	**80.0**	**2.0**	**---**	**5.0**
Test Method		**IS - 5182, Part- 23**	**UERL/AIR/ SOP/11**	**IS - 5182, Part - 2**	**IS - 5182, Part - 6**	**IS - 5182, Part - 10**	**Gas analyzer**	**IS – 5182, Part – 11**

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Results of Noise Level Monitoring

Location Name		LPG Terminal Substation					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		17-04-2025	15-05-2025	16-06-2025	17-07-2025	18-08-2025	15-09-2025
1	06:00 to 07:00	63.8	63.2	62.1	60.8	60.1	58.7
2	07:00 to 08:00	62.7	60.8	62.9	62.7	61.4	60.3
3	08:00 to 09:00	63.8	68.2	65.4	64.5	63.5	61.8
4	09:00 to 10:00	64.6	65.9	64.3	63.5	64.8	63.4
5	10:00 to 11:00	65.8	69.1	66.4	65.7	65.7	64.2
6	11:00 to 12:00	65.1	62.6	67.8	66.3	66.3	65.8
7	12:00 to 13:00	64.8	64.4	67.3	68.2	65.7	66.8
8	13:00 to 14:00	65.7	62.5	69.8	68.8	67.8	64.3
9	14:00 to 15:00	64.5	65.4	68.4	67.5	67.4	65.8
10	15:00 to 16:00	67.1	68.7	64.3	64.1	66.5	66.1
11	16:00 to 17:00	65.6	62.4	65.1	66.7	66.7	63.4
12	17:00 to 18:00	64.3	60.7	63.2	65.5	66.2	65.7
13	18:00 to 19:00	64.7	63.8	64.5	63.7	64.5	65.2
14	19:00 to 20:00	65.7	69.4	65.8	64.2	64.2	62.1
15	20:00 to 21:00	62.6	65.5	66.4	65.7	62.2	60.5
16	21:00 to 22:00	61.5	68.1	64.1	63.8	63.1	59.7
Day Time		<75 dB (A)					

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Location Name		LPG Terminal Substation					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		17-04-2025	15-05-2025	16-06-2025	17-07-2025	18-08-2025	15-09-2025
1	22:00 to 23:00	62.1	61.9	60.4	60.2	59.6	57.4
2	23:00 to 24:00	61.3	62.7	60.4	63.1	61.4	59.3
3	24:00 to 01:00	63.4	63.8	61.4	62.5	64.3	61.5
4	01:00 to 02:00	64.3	60.1	59.8	63.8	62.3	62.7
5	02:00 to 03:00	62.8	61.9	59.7	62.7	62.7	62.4
6	03:00 to 04:00	61.4	63.7	60.5	61.8	61.8	60.8
7	04:00 to 05:00	61.3	63.5	62.3	58.4	59.7	60.3
8	05:00 to 06:00	60.3	57.9	61.6	56.9	57.4	58.6
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981

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Results of Stack Monitoring

Sr. No.	Parameter	Unit	Sep - 2025 D.G. Set-1 (2000 KVA) 27-09-2025	GPCB LIMIT	Method of Test
1	Particulate Matter	mg/Nm3	29.94	**150**	**IS 11255 (Part - 1)**
2	Sulphur Dioxide	ppm	13.85	**100**	**IS 11255 (Part - 2)**
3	Oxide of Nitrogen	ppm	25.79	**50**	**IS 11255 (Part - 7)**
4	Carbon Monoxide	mg/Nm3	4.4	--	**UERL/AIR/SOP/ 18**
5	Non Methyl Hydro Carbon	ppm	Not Detected	--	**UERL/AIR/SOP/ 27**

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Minimum Detection Limit

Ambient Air Quality Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Particulate Matter (PM10)	µg/m3	5 µg/m3
2	Particulate Matter (PM10)	µg/m3	5 µg/m3
3	Sulphur Dioxide (SO2)	µg/m3	4 µg/m3
4	Nitrogen Dioxide (NO2)	µg/m3	5 µg/m3
5	Carbon Monoxide (CO)	mg/m3	0.01 mg/m3
6	Ammonia (NH3)	µg/m3	5 µg/m3
7	Ozone (O3)	µg/m3	5 µg/m3
8	Lead (Pb)	µg/m3	0.5 µg/m3
9	Nickle (Ni)	ng/m3	1 ng/m3
10	Arsenic (As)	ng/m3	1 ng/m3
11	Benzene	µg/m3	1µg/m3
12	Benzo(o)Pyrene	ng/m3	0.1 ng/m3
14	Hydro Carbon	µg/m3	1 µg/m3

Stack Emission Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Suspended particulate matter	mg/Nm3	2 mg/Nm3
2	Sulphur Dioxide SOX	mg/Nm3	4 mg/Nm3
3	Oxides of Nitrogen NOX	mg/Nm3	5 mg/Nm3

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LPG Terminal N –PIT			
Sr. No.	**Test Parameter**	**Unit**	**MDL**
1	Colour	Pt. Co. Scale	5
2	pH @ 27 ° C	--	2
3	Temperature	0C	5
4	Total Suspended Solids	mg/L	4
5	Total Dissolved Solids	mg/L	4
6	COD	mg/L	2
7	BOD (3 days at 27 ^{0}C)	mg/L	1
8	Chloride (as Cl) -	mg/L	1
9	Oil & Grease	mg/L	4

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RESULTS OF LPG Terminal N –PIT WATER

SR.NO.	TEST PARAMETERS	UNIT	Liquid Terminal						TEST METHOD
			Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	
			08-10-2025	18-11-2025	23-12-2025	06-01-2026	23-02-2026	27-03-2026	
1.	Colour	Pt. Co. Scale	40	50	40	40	50	50	IS 3025(Part 4):2021
2.	pH @ 27 ° C	--	7.31	7.41	7.44	7.25	7.11	7.56	IS 3025(Part 11):2022
3.	Temperature	^{0}C	29.5	29	29	29.5	29	29	IS 3025(Part 9):2023
4.	Total Suspended Solids	mg/L	18	22	24	18	16	36	APHA 24th Ed.2023,2540 –D
5.	Total Dissolved Solids	mg/L	956	946	952	930	984	1040	APHA 24th Ed.2023,2540- C
6.	COD	mg/L	67.4	72.2	82.4	91.2	65.2	104.5	IS 3025(Part 58):2023
7.	BOD (3 days at 27 ^{0}C)	mg/L	20	21	25	26	19	32	IS 3025(Part 44):2023
8.	Chloride (as Cl) $^-$	mg/L	424.2	428.1	410.2	396.4	444.2	404.1	IS 3025(Part 32):1988
9.	Oil & Grease	mg/L	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	IS 3025(Part 39):2021
10.	Ammonical Nitrogen	mg/L	5.2	5.1	8.4	6.2	5.2	4.9	IS 3025(Part 34):1988

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Results of Ambient Air Quality Monitoring

Name of Location		LPG Terminal Substation						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
1.	02-10-2025	64.91	23.47	17.36	21.29	0.54	--	NOT DETECTED
2.	06-10-2025	68.59	25.91	20.32	26.11	0.60	2.42	NOT DETECTED
3.	09-10-2025	66.18	23.86	16.53	21.73	0.57	3.37	NOT DETECTED
4.	13-10-2025	63.18	21.53	14.39	18.35	0.47	3.29	NOT DETECTED
5.	16-10-2025	70.71	27.49	18.38	22.46	0.65	3.52	NOT DETECTED
6.	20-10-2025	74.36	30.29	22.46	27.59	0.68	3.60	NOT DETECTED
7.	23-10-2025	69.59	28.75	20.88	25.57	0.58	3.56	NOT DETECTED
8.	27-10-2025	64.39	24.55	16.36	20.89	0.53	3.48	NOT DETECTED
9.	30-10-2025	67.59	26.24	17.81	23.46	0.61	3.42	NOT DETECTED
10.	03-11-2025	69.95	28.13	22.39	26.52	0.69	3.35	NOT DETECTED
11.	06-11-2025	66.47	25.93	18.48	22.53	0.62	3.27	NOT DETECTED
12.	10-11-2025	70.13	30.18	24.73	28.13	0.77	3.48	NOT DETECTED
13.	13-11-2025	64.39	23.38	21.42	25.64	0.60	3.39	NOT DETECTED
14.	17-11-2025	68.59	25.4	24.39	28.42	0.65	3.42	NOT DETECTED
15.	20-11-2025	65.49	22.16	17.72	21.38	0.53	3.37	NOT DETECTED

Continue…

Name of Location		LPG Terminal Substation						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
16.	24-11-2025	72.37	28.63	22.29	26.74	0.71	3.57	NOT DETECTED
17.	27-11-2025	67.59	26.84	16.59	20.21	0.68	3.52	NOT DETECTED
18.	01-12-2025	64.38	24.43	15.74	19.87	0.57	3.4	NOT DETECTED
19.	04-12-2025	66.49	25.83	17.11	21.36	0.60	3.45	NOT DETECTED
20.	08-12-2025	69.13	28.43	18.83	23.94	0.66	3.58	NOT DETECTED
21.	11-12-2025	73.46	33.25	25.46	31.32	0.71	3.66	NOT DETECTED
22.	15-12-2025	70.57	30.18	23.46	27.62	0.74	3.56	NOT DETECTED
23.	18-12-2025	67.51	27.58	18.43	23.19	0.65	3.43	NOT DETECTED
24.	22-12-2025	64.38	23.14	15.67	18.35	0.53	3.31	NOT DETECTED
25.	25-12-2025	66.94	25.63	16.92	20.14	0.51	3.4	NOT DETECTED
26.	29-12-2025	69.15	27.64	18.87	22.42	0.60	3.48	NOT DETECTED
27.	01-01-2026	66.83	25.93	17.26	21.73	0.64	--	NOT DETECTED
28.	05-01-2026	62.39	23.15	16.89	19.73	0.67	3.37	NOT DETECTED
29.	08-01-2026	64.83	25.28	17.11	21.53	0.58	3.44	NOT DETECTED
30.	12-01-2026	59.94	21.74	14.57	17.68	0.45	3.26	NOT DETECTED
31.	15-01-2026	62.93	24.68	16.42	20.53	0.53	3.17	NOT DETECTED

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Name of Location		LPG Terminal Substation						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
32.	19-01-2026	67.95	26.53	20.86	24.31	0.6	3.29	NOT DETECTED
33.	22-01-2026	70.82	29.47	24.58	28.47	0.69	3.49	NOT DETECTED
34.	26-01-2026	63.49	25.13	18.73	22.44	0.66	3.37	NOT DETECTED
35.	29-01-2026	66.95	27.68	20.17	24.41	0.55	3.41	NOT DETECTED
36.	02-02-2026	64.38	24.59	18.42	23.11	0.47	3.36	NOT DETECTED
37.	05-02-2026	67.59	26.13	20.86	25.48	0.52	3.43	NOT DETECTED
38.	09-02-2026	72.49	30.74	24.27	28.42	0.6	3.54	NOT DETECTED
39.	12-02-2026	65.49	25.73	17.64	23.11	0.54	3.48	NOT DETECTED
40.	16-02-2026	63.29	24.93	15.91	19.74	0.49	3.26	NOT DETECTED
41.	19-02-2026	68.14	28.57	20.24	25.36	0.57	3.37	NOT DETECTED
42.	23-02-2026	74.13	32.53	25.47	30.88	0.64	3.51	NOT DETECTED
43.	26-02-2026	71.24	28.62	21.38	24.36	0.59	3.42	NOT DETECTED
44.	02-03-2026	68.93	26.37	19.24	23.75	0.55	3.47	NOT DETECTED
45.	05-03-2026	65.48	23.61	21.49	25.39	0.46	3.4	NOT DETECTED
46.	09-03-2026	72.37	28.49	25.73	29.13	0.60	3.55	NOT DETECTED
47.	12-03-2026	75.84	30.16	27.93	32.13	0.65	3.61	NOT DETECTED

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Name of Location		LPG Terminal Substation						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
48.	16-03-2026	70.13	27.53	24.31	27.48	0.57	3.57	NOT DETECTED
49.	19-03-2026	63.04	22.19	19.87	23.54	0.42	3.37	NOT DETECTED
50.	23-03-2026	65.94	24.45	22.38	26.49	0.44	3.41	NOT DETECTED
51.	26-03-2026	69.85	26.91	23.47	27.83	0.53	3.44	NOT DETECTED
52.	30-03-2026	71.92	28.49	24.1	28.31	0.58	3.54	NOT DETECTED
Permissible Value as per NAAQMS		**100.0**	**60.0**	**80.0**	**80.0**	**2.0**	**---**	**5.0**
Test Method		**IS - 5182, Part- 23**	**UERL/AIR/ SOP/11**	**IS - 5182, Part - 2**	**IS - 5182, Part - 6**	**IS - 5182, Part - 10**	**Gas analyzer**	**IS – 5182, Part – 11**

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Results of Noise Level Monitoring

Location Name		LPG Terminal Substation					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		16-10-2025	17-11-2025	15-12-2025	15-01-2026	16-02-2026	16-03-2026
1	06:00 to 07:00	58.1	57.5	57.1	56.4	57.1	60.3
2	07:00 to 08:00	58.6	58.6	59.8	58.4	57.5	60.8
3	08:00 to 09:00	59.8	58.7	58.4	57.4	58.9	68.2
4	09:00 to 10:00	60.3	61.8	60.6	58.4	60.3	65.9
5	10:00 to 11:00	61.6	61.6	62.3	62.3	62.5	68.4
6	11:00 to 12:00	63.4	63.4	62.8	63.5	63.4	62.6
7	12:00 to 13:00	64.9	63.2	63.4	64.7	62.9	64.4
8	13:00 to 14:00	64.5	64.5	63.8	64.8	63.7	62.5
9	14:00 to 15:00	63.2	65.8	65.7	65.1	65.5	65.4
10	15:00 to 16:00	64.5	63.2	64.2	64.2	64.3	68.7
11	16:00 to 17:00	66.1	66.3	65.7	65.7	65.9	62.4
12	17:00 to 18:00	65.3	65.3	64.6	63.8	64.6	60.7
13	18:00 to 19:00	64.3	63.7	61.2	62.9	62.1	63.8
14	19:00 to 20:00	64.8	64.8	62.9	62.7	62.4	69.4
15	20:00 to 21:00	60.2	62.3	61.8	61.8	60.5	65.5
16	21:00 to 22:00	57.6	57.1	57.4	58.1	57.9	68.1
Day Time		<75 dB (A)					

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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 Organisation | GPCB Recognized Environmental Auditor (Sch-II) | ISO 9001: 2015 Certified Company | ISO 45001: 2018 Certified OHS Management System

Location Name		LPG Terminal Substation					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		16-10-2025	17-11-2025	15-12-2025	15-01-2026	16-02-2026	16-03-2026
1	22:00 to 23:00	58.6	62.8	60.3	58.4	58.9	61.4
2	23:00 to 24:00	57.2	60.4	59.7	58.8	58.4	62.7
3	24:00 to 01:00	60.5	59.4	59.3	57.2	56.4	63.7
4	01:00 to 02:00	61.3	58.8	57.6	55.6	55.1	60.1
5	02:00 to 03:00	60.5	57.5	58.3	57.6	55.8	61.9
6	03:00 to 04:00	58.4	59.2	59.7	58.9	57.6	63.7
7	04:00 to 05:00	58.7	60.5	60.3	58.4	57.3	63.5
8	05:00 to 06:00	58.3	62.5	60.2	59.7	58.6	57.9
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981

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Results of Stack Monitoring

Sr. No.	Parameter	Unit	Mar - 2026 D.G. Set-1 (2000 KVA) 26-03-2026	GPCB LIMIT	Method of Test
1	Particulate Matter	mg/Nm3	32.46	**150**	**IS 11255 (Part - 1)**
2	Sulphur Dioxide	ppm	16.83	**100**	**IS 11255 (Part - 2)**
3	Oxide of Nitrogen	ppm	28.91	**50**	**IS 11255 (Part - 7)**
4	Carbon Monoxide	mg/Nm3	4.8	--	**UERL/AIR/SOP/ 18**
5	Non Methyl Hydro Carbon	ppm	Not Detected	--	**UERL/AIR/SOP/ 27**

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Minimum Detection Limit

Ambient Air Quality Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Particulate Matter (PM10)	µg/m3	5 µg/m3
2	Particulate Matter (PM10)	µg/m3	5 µg/m3
3	Sulphur Dioxide (SO2)	µg/m3	4 µg/m3
4	Nitrogen Dioxide (NO2)	µg/m3	5 µg/m3
5	Carbon Monoxide (CO)	mg/m3	0.01 mg/m3
6	Ammonia (NH3)	µg/m3	5 µg/m3
7	Ozone (O3)	µg/m3	5 µg/m3
8	Lead (Pb)	µg/m3	0.5 µg/m3
9	Nickle (Ni)	ng/m3	1 ng/m3
10	Arsenic (As)	ng/m3	1 ng/m3
11	Benzene	µg/m3	1µg/m3
12	Benzo(o)Pyrene	ng/m3	0.1 ng/m3
14	Hydro Carbon	µg/m3	1 µg/m3

Stack Emission Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Suspended particulate matter	mg/Nm3	2 mg/Nm3
2	Sulphur Dioxide SOX	mg/Nm3	4 mg/Nm3
3	Oxides of Nitrogen NOX	mg/Nm3	5 mg/Nm3

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LPG Terminal N –PIT			
Sr. No.	**Test Parameter**	**Unit**	**MDL**
1	Colour	Pt. Co. Scale	5
2	pH @ 27 ° C	--	2
3	Temperature	0C	5
4	Total Suspended Solids	mg/L	4
5	Total Dissolved Solids	mg/L	4
6	COD	mg/L	2
7	BOD (3 days at 27 ^{0}C)	mg/L	1
8	Chloride (as Cl) -	mg/L	1
9	Oil & Grease	mg/L	4

ANNEXURE – 3

Details of Waste Management of APSEZ, Mundra

Sr. No.	Waste Description	Disposal Method	Unit	Quantity 2024-25	Quantity 2025-26
Non-Hazardous:					
1.	Dry Waste (Recyclable Waste- Glass, Metal, Horticulture, Wood, paper, plastic, Rubber)	Recycle (send to reg. recycler)/ Reuse (Used by Org.)	MT	4274.89	3063.96
2.	RDF (Non-Recyclable)	Co-processing at cement plant	MT	337.3	258.59
3.	STP Sludge	Reprocess (Manure)	MT	0	0
4.	Organic Waste (included food waste)	Reprocess & Recovery Manure/biogas	MT	1101.12	1165.27
5.	E-Waste	Recycle (send to reg. recycler)	MT	28.08	4.21

ANNEXURE – 4

Cost of Environmental Protection Measures of APSEZ, Mundra
F.Y. 2025-26

Sr. No.	Activity	Cost incurred (INR in Lacs)		Budgeted Cost (INR in Lacs)
		2024 – 25	2025 – 26	2025 – 26
1.	Environmental Study / Audit and Consultancy	40.46	37.39	45.2
2.	Legal & Statutory Expenses	17.37	10.55	13
3.	Environmental Monitoring Services	17.27	21.38	20.46
4.	Hazardous / Non-Hazardous Waste Management & Disposal	122.46	150.67	156.13
5.	Environment Days Celebration and Advertisement / Business development	1.85	1.83	4.5
6.	Treatment and Disposal of Bio-Medical Waste	2.39	2.51	2.4
7.	Mangrove Plantation, Monitoring & Conservation	0.00	0.00	0.00
8.	Other Horticulture Expenses	570	570	831
9.	O&M of Sewage Treatment Plant and Effluent Treatment Plant (including STP, ETP of Port & SEZ & Common Effluent Treatment Plant)	164.31	216.44	227.69
10.	Expenditure of Environment Dept. (Apart from above head)	93.40	32.18	49.41
	Total	**1029.51**	**1042.95**	**1349.79**