

AKBTPL/ENV/ENVSTATEMENT/2024-25

Date: 20.09.2025

To,

**The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan,
Sector 10-A,
Gandhinagar – 382 010.**

Sub: Environmental Statement for the Financial Year ending 31st March 2025 for
M/s Adani Kandla Bulk Terminal Pvt Ltd (AKBTPL)

Ref: PCB ID: 46110, Consent Order No. AWH – 139426, Date of issue: 04.01.2025,
Valid upto: 02.12.2029

Dear Sir,

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. Adani Kandla Bulk Terminal Pvt Ltd, Village: Tuna, Taluka: Anjar, Dist.: Kutch for the financial year ending 31st March 2025.

Thanking you,
Yours faithfully,
For, **Adani Kandla Bulk Terminal Pvt. Ltd.**


**Authorised Signatory
Vivek Singh
(COO-AKBTPL)**



Encl: As above

Copy to:
The Regional Officer,
Regional Office (East – Kutch),
Gujarat Pollution Control Board,
Gandhidham, Kutch – 370201.

Adani Kandla Bulk Terminal Pvt. Ltd.
Adani Corporate House,
Shantigram, S G Highway
Ahmedabad 382 421
Gujarat, India
CIN: U63090GJ2012PTC069305

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FORM V
(See Rule 14)

Environmental Statement for the Financial Year ending 31st March 2025

PART - A

(i)	Name and address of the Owner/ Occupier of the Industry Operation or Process	:	Mr. Vivek Singh COO – AKBTPPL Adani Kandla Bulk Terminal Pvt Ltd. Plot No: Dry Bulk Terminal, Off Tekra, Near Tuna Outside Kandla Creek, Village: Tuna, Taluka: Anjar Dist: Kutch (Gujarat)
(ii)	Industry Category Primary (STC Code) Secondary (STC Code)	:	Red-Large NA NA
(iii)	Production Capacity	:	Loading and Unloading of Dry Bulk Cargo: 12 MMTPA
(iv)	Year of Establishment	:	2011 – 12 (As per certification of incorporation date of company)
(v)	Date of last Environment Statement submitted	:	16/09/2024

PART - B

Water and Raw Material Consumption

(i) Water Consumption

Water Consumption Cu. Mtr./Day	Average
Process	Nil
Cooling (Used in sprinkling / Gardening / Dust Suppression)	1234.36 m ³ /day
Domestic	13.54 m ³ /day

Details of Water Consumption for the year 2024-25 are enclosed as **Annexure – 1.**

Name of Products	Process Water Consumption per unit of Product Output*	
	During the previous financial year (2023-24)	During the current financial year (2024-25)

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited**(PCB ID: 46110)**

Handling, Storage and Distribution of Dry Bulk Cargo*	0.0402 KL/MT of Cargo Handled	0.0487 KL/MT of Cargo Handled
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* Unit does not go under any manufacturing process. The water consumed was mainly in firefighting, dust suppression, sprinkling and horticulture activities.

Name of Products	Total Production per unit of Product Output*	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
Handling, Storage and Distribution of Dry Bulk Cargo*	9.73 MMT of Cargo Handled	9.35 MMT of Cargo Handled

(ii) Raw Material Consumption

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the current financial year (2023-24)	During the current financial year (2024-25)
NIL	Not Applicable	Nil	Nil

* Unit does not go under any manufacturing process. It is involved in the service business and no production or manufacturing activity involved, hence there is no raw material being used.

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

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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
(a) Waste Water (Domestic sewage)	Parameters	Avg. Mass Kg/Day	Parameters	Avg.	There is no variation from prescribed standards in terms of quality of wastewater discharge. 1. From STP, 3529 KL treated water discharged during April 2024 – March 2025. Which is being used for the horticulture/plantation. 2. Analysis reports of treated water are enclosed as Annexure – 2.
	pH	--	pH	7.41	
	Total Suspended Solids	0.1621	Total Suspended Solids (mg/l)	16.77	
	BOD (3 Days @ 27 °C)	0.1372	BOD (3 Days @ 27 °C) (mg/l)	14.19	
	Fecal Coliform	0.8320	Fecal Coliform (MPN/100ml)	86.04	
(b) Air (DG Stack 125 + 125 + 125 KVA)	Parameters	Avg. Mass Kg/Day	Parameters	Avg.	There is no variation from prescribed standards in terms of quality of wastewater discharge. 1. DG sets having capacities 125 KVA + 125 KVA + 125 KVA are provided as a standby power source and used during power failure. Analysis reports of stack monitoring are enclosed as Annexure – 2. 2. The ambient air quality monitoring is being done regularly (twice a week) through NABL and MoEF&CC recognized laboratory namely M/s. Pollucon Laboratories Pvt. Ltd., Surat. 3. Analysis reports of ambient air quality monitoring are enclosed as Annexure – 2.
	Particulate Matter (PM)	0.00078	Particulate Matter (PM) (mg/Nm ³)	24.36	
	Sulphur Dioxide (SO ₂)	0.00059	Sulphur Dioxide (SO ₂) (ppm)	7.05	
	Nitrogen Oxide (NO _x)	0.00202	Nitrogen Oxide (NO _x) (ppm)	33.39	

* Unit does not go under any manufacturing process, as it is service industry (Port) engaged in Handling & Storage of general dry cargo. The source of waste water generation is from domestic activity only.

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

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PART – D**Hazardous Wastes****(As specified under Hazardous & Other Wastes Management Rules 2016)**

Hazardous Wastes	Total Quantity (MT)	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
(a) From Process	a) Used oil(cat.5.1)- 4.043 MT b) Discarded Containers (cat.33.3) – 6.147 MT c) Waste Residue Containing Oil (cat.5.2) – NIL d) Oily Cotton Waste (cat.33.2): NIL	a) Used oil (cat.5.1)- 2.464 MT b) Discarded Containers (cat.33.3) – 1.254 MT c) Waste Residue Containing Oil (cat.5.2) – NIL d) Oily Cotton Waste (cat.33.2): 2.490 MT
(a) From Pollution Control facilities	Nil	Nil

* Unit does not go under any manufacturing process. It is involved in the service business and no production or manufacturing activity involved, hence there is no raw material being used.

PART – E**Solid Wastes**

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the current financial year (2023-24)	During the current financial year year (2024-25)
(a) From Process (Ash)	Nil	Nil
(b) From Pollution Control facilities	-	-
(C-1) Quantity recycled or reutilized within the unit	Details is Attached as Annexure-3	
(C-2) Sold		
(C-3) Disposed		

Note: Above Quantity shown is waste generated / disposed from Adani Kandla Bulk Terminal Private Limited.

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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:

- The Unit is handling Dry Bulk Cargo mainly coal with integrated mechanized automation and there is no any manufacturing process involved. It is involved in the service business and no production or manufacturing activity involved.
- The spent / used oil and discarded containers collect and store at dedicated Hazardous Waste storage facility available with organization which is disposed by selling to registered authorized recyclers and reusing for the lubrication purpose in stitching machine and railway siding.
- Unit has developed MRF (Material Recovery Facility) for Waste Segregation as per 5R (Reduce, Reuse, Recycle, Recover & Reprocess) principles of Waste Management. Segregated Recyclable Materials sent to respective recycling units, whereas remaining Non-recyclable Waste is bailed and sent to Cement Plants for Co-processing as RDF (Refused Derived Fuel).
- Sludge generated from STP is being utilized as manure in Horticulture activity within AKBTPPL premises.
- Zero Waste" initiative - No waste is being sent to landfill in @ Adani Ports & SEZ (also as a 100% subsidiary company of APSEZ, AKBTPPL is also intended to contribute the same), all waste are being managed through 5R principal of waste Management. AKBTPPL has eminent Material Recovery Facility (MRF), having appropriate facility to proper segregate & recover the materials as per set process. To manage all operation of MRF, AKBTPPL developed local vendor though his past learnings and employed local men staff mainly to segregate waste.
- Food Waste being managed through Organic Waste Composting Facility and Converted manure used by the Horticulture Department.
- AKBTPPL has awarded with Zero Waste to Landfill Certificate (CII/ZWL/2022/002) from Confederation of Indian Industry TÜV Rheinland India Pvt. Ltd (attached as **Annexure - 4**).

PART - G

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

Water Conservation:

- Unit has installed Sewage Treatment Plant and for treatment of Sewage Water being generated at Site.
- AKBTPPL has planted mangroves in 250 Ha. Area near Sach Saida Bet, Kutch Sea coast. Unit has formed dedicated Horticulture Department & developing Green Belt within Port Premises. So far, we have developed 9.05 Ha. Green Belts within Port Premises and the same is being well maintained.

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

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- AKBTPPL has taken significant step towards energy reduction program Reduced the idle running of Material handling system through PLC interlocking System stop in auto mode if idle up to 30 Minutes and controlling the speed of high-speed conveyors (KC 2A/2C) with respect to load.
- Treated Water Utilization
- The Total Cost incurred on Environmental Protection measures is enclosed as **Annexure-5**

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

- ✓ Regular sprinkling on road and other open area
- ✓ Regular cleaning of roads
- ✓ D.G. Set having acoustic enclosures
- ✓ Adequate greenbelt and plantation area
- ✓ Transfer Towers and Conveyor belts
- ✓ Regular sprinkling on coal heaps

PART - H

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

- Unit is doing Regular Environmental Monitoring across Port premises & Surrounding area through reputed NABL certified Laboratory. All the required Environmental Parameters are well within specified limits & the details are being submitted regularly to GPCB, CPCB, MOEF & Concerned authorities.
- Unit has installed STP for treatment of the Sewage Water being generated at Site. The unit has also provided Dump Pond & Conveyance Channel for Collection of Runoffs generated from Coal Yard.
- Unit has installed Organic Waste Conveyer Machine for treatment of Daily Food Waste generated at Site. Composting Manure (5.65 MT) is being used by the Horticulture Department as an Organic Fertilizer.
- Unit has provided FFS & DSS at Coal Yard & Conveyor System and Carrying out Regular Water Sprinkling to Control the Dust Exposure.
- Mechanized Road Sweeping Machines have been deployed for regular cleaning of Road Cleaning activities & to control the fugitive dust emissions.
- AKBTPPL has provided natural wind screen through providing adequate Greenbelt/ Plantation Area of approx. 9.05 hectare to control the fugitive emission outside the operational area till March'25.
- Developed the 02 Nos. of Weighbridge at Outside of the Main gate of Port to easier operational activities & also developed the road to the Pump House.
- AKBTPPL is also under progress to install the Wind Screen Wall around the Coal storage yard having 100 meter length and 8.65 meter height as a corrective control measures to abate the fugitive dust emission and reduce the coal dust emission and its deposition outside coal stack yards. Site

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measurement activity is started for construction of wind screen wall and installation activity will be commenced soon.

- AKBTPL is in progress to modify fire hydrant system within operational area (OSY-04 & OSY-05) having approx. length of 800 meter to get effective results for firefighting as well as dust suppression.
- AKBTPL is also installed Retrofit Emission Control Device (RECD) to minimize diesel generator's harmful emission and also reduce pollutants like Particulate Matter (PM) which benefits to ensure compliance with emission norms by filtering out harmful substances, promoting cleaner air & also reducing environmental degradation. (Photographs for the Same as enclosed as **Annexure - 6**)
- Continually taking new initiatives for protection of Environment with respect to Air-Water-Soil.

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 & NABL recognized laboratory (M/s. Pollucon Laboratories Ltd., Surat).
- AKBTPL have regularly doing Integrated House Keeping Drive & Plastic Waste Collection Drive along with the Senior Management Team on regular basis.
- AKBTPL has Separate Environment Cell for Environmental Management System and Environmental Monitoring.
- AKBTPL Budget for environmental management measures (including horticulture) for the FY 2024-25 was to the tune of INR 226.67 Lakh out of which INR 158.89 Lakh was spent. Environment protection expenditure during the year 2024-25 is enclosed as **Annexure - 5**.

Date: 20-09-2025

(Signature of a person carrying out an industry, operation or process)

Name: **Mr. Vivek Singh**

Designation: **COO - AKBTPL**

Address: **Adani Kandla Bulk Terminal Pvt. Ltd.**

Plot No: Dry Bulk Terminal, Off Tekra, Near Tuna, Outside Kandla Creek, Village: Tuna, Taluka: Anjar, Dist: Kutch (Gujarat)

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ANNEXURE – 1**Details of Water Consumption and Treated Water Discharge****(April-24 to March-25)**

Month	Water Consumption			Treated Water Discharge, KL
	Industrial, KL (Category-1)	Domestic, KL (Category-2)	Total, KL	
Apr-24	40234.76	420.34	40655	320.24
May-24	53070.57	502.97	53574	384.43
Jun-24	43756.27	482.71	44239	351.73
Jul-24	27392.87	492.57	27885	379.13
Aug-24	15815.57	460.61	16276	356.43
Sep-24	32051.32	456.46	32508	343.68
Oct-24	37082.48	370.16	37453	252.52
Nov-24	36375.74	358.32	36734	231.26
Dec-24	36197.19	335.19	36532	229.81
Jan-25	40906.71	326.57	41233	189.29
Feb-25	40258.52	316.85	40575	202.49
Mar-25	47397.82	418.14	47816	291.18
Total	450539.83	4940.87	455480.70	3532.17
Per Month	37544.99	411.74	37956.73	294.35
Per Day	1234.36	13.54	1247.89	9.68

ANNEXURE - 2

Analysis Reports of Environmental Monitoring Parameter of F.Y. 2024-25, AKBTPL – TUNA



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"ENVIRONMENTAL MONITORING REPORT"

For

**ADANI KANDLA BULK TERMINAL PRIVATE LIMITED.
KANDLA, KUTCH.**

APRIL 2024 TO SEPTEMBER 2024


H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

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(PCB ID: 46110)



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Cleaner Production - Waste Minimization Facilitator

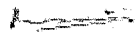
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METHODS AND EQUIPMENTS USED FOR SAMPLING AND ANALYSIS

SR. NO.	Monitoring Details	Equipments Used	Sampling and Analysis Method
1.	Ambient Air Quality Monitoring	RDS, FDS, Gaseous Attachment with Impinger	CPCB Guideline/IS:5182
2	Noise Monitoring	Noise Meter	IS 9876/IS 9989
3	Sea Water Monitoring	Depth Sampler	IS:3025/APHA/USEPA/ASTM
4	Sea Sediment Monitoring	Grab Sampler	CPCB Guideline/ IS/APHA/USEPA/ASTM
5	Drinking Water Analysis	Sealed & Sterile Bottle	IS:10500:2012
6	Sewage water Analysis	Sealed & Sterile Bottle	APHA/IS:3025
7	Stack Monitoring	Stack Monitoring Sampler/Kit	IS:11255/NDIR Gas Analyzer
8	Dump Pond Discharge	Sealed & Sterile Bottle	APHA/IS:3025
9	Wind Rose Diagram	Online Weather Station	Wind Rose Plotting Software


H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

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NATIONAL AMBIENT AIR QUALITY STANDARDS **DATED 16TH NOV. 2009, CPCB NEW DELHI.**

SR. NO.	TEST PARAMETER	UNIT	Concentration in ambient air	Method Of Measurement
1	Particulate Matter (PM ₁₀)	µg/m ³	100	IS:5182(Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide (SO ₂)	µg/m ³	80	IS:5182(Part 2)
4	Oxides of Nitrogen (NO _x)	µg/m ³	80	IS:5182(Part 6)

NS#: Not Specified, *** National Ambient Air Quality Standards Dated: 18/11/2009 as per Central Pollution Control Board, New Delhi.


H. T. Shah

Lab Manager




Dr. Arun Bajpai

Lab Manager (Q)

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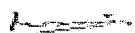
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TABLE NO. 1 RESULTS OF AAQM FOR NEAR SUB STATION -1 (APRIL 2024 TO SEPTEMBER 2024)

Sr No.	Date of Sampling	Particulate Matter (PM ₁₀) (µg/m ³)	Particulate Matter (PM _{2.5}) (µg/m ³)	Sulphur Dioxide (SO ₂) (µg/m ³)	Oxides of Nitrogen (NO _x) (µg/m ³)
1	01/04/2024	55.63	22.18	9.68	15.11
2	04/04/2024	66.61	35.69	7.49	13.74
3	08/04/2024	58.63	21.85	15.46	18.45
4	11/04/2024	71.21	40.13	8.61	14.72
5	15/04/2024	50.37	30.47	14.30	27.45
6	18/04/2024	61.33	23.42	11.62	25.65
7	22/04/2024	54.67	26.37	6.48	22.35
8	25/04/2024	43.46	17.83	12.37	19.63
9	29/04/2024	52.68	29.43	16.30	17.54
10	02/05/2024	58.65	21.64	11.63	30.69
11	05/05/2024	50.34	24.33	13.50	17.63
12	09/05/2024	69.65	38.93	7.58	14.35
13	13/05/2024	62.47	27.94	12.72	23.34
14	16/05/2024	55.97	20.31	9.64	16.43
15	20/05/2024	70.31	34.49	15.64	24.94
16	23/05/2024	52.64	25.70	8.74	28.29
17	27/05/2024	56.88	29.72	10.25	18.26
18	30/05/2024	45.97	23.42	6.58	21.32
19	03/06/2024	62.48	28.65	10.56	20.22
20	06/06/2024	58.27	25.62	8.64	15.32
21	10/06/2024	68.67	27.65	16.50	22.67
22	13/06/2024	55.64	22.62	13.56	18.18
23	17/06/2024	42.32	17.46	11.75	21.16
24	20/06/2024	63.43	33.63	9.67	14.36
25	24/06/2024	56.38	23.41	12.38	19.35
26	27/06/2024	50.22	19.25	6.64	13.65
27	01/07/2024	41.13	16.55	6.49	15.61
28	04/07/2024	56.26	21.58	12.40	18.62
29	08/07/2024	67.52	26.52	10.80	24.30
30	11/07/2024	42.63	15.63	8.23	13.13
31	15/07/2024	58.53	28.44	13.53	20.85
32	18/07/2024	47.52	18.67	7.11	17.73
33	22/07/2024	55.34	22.33	17.36	25.73
34	25/07/2024	49.36	20.62	15.20	22.94
35	29/07/2024	59.24	17.67	9.28	19.95
36	01/08/2024	57.65	23.82	9.32	18.62
37	05/08/2024	63.46	31.26	13.53	25.35
38	08/08/2024	72.64	35.30	6.47	19.98
39	12/08/2024	56.24	32.76	12.26	24.10
40	15/08/2024	61.32	29.48	10.35	14.71
41	19/08/2024	48.62	17.63	14.55	23.47
42	22/08/2024	65.63	30.31	7.83	17.75
43	25/08/2024	51.97	22.41	11.25	21.21
44	29/08/2024	45.37	16.34	8.65	15.55
45	02/09/2024	62.32	28.98	7.66	22.93
46	05/09/2024	43.85	18.63	11.52	29.63
47	09/09/2024	66.58	34.55	9.63	23.81
48	12/09/2024	55.30	22.33	13.91	20.22
49	16/09/2024	50.34	24.32	6.58	18.51
50	19/09/2024	63.43	32.47	15.30	26.87
51	23/09/2024	59.77	27.56	8.63	21.22
52	26/09/2024	41.28	21.33	10.33	25.42
53	30/09/2024	48.68	25.61	12.46	30.32


H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

(PCB ID: 46110)



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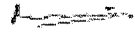
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TABLE NO. 2 RESULTS OF AAQM FOR STARTING OF PILE APPROACH [APRIL 2024 TO SEPTEMBER 2024]

Sr No.	Date of Sampling	Particulate Matter (PM ₁₀) (µg/m ³)	Particulate Matter (PM _{2.5}) (µg/m ³)	Sulphur Dioxide (SO ₂) (µg/m ³)	Oxides of Nitrogen (NO _x) (µg/m ³)
1	01/04/2024	60.64	30.33	12.57	30.27
2	04/04/2024	76.03	41.96	16.59	27.54
3	08/04/2024	68.64	31.33	20.21	32.36
4	11/04/2024	75.28	42.75	13.39	25.46
5	15/04/2024	56.12	29.66	19.92	31.25
6	18/04/2024	65.68	26.23	15.50	28.66
7	22/04/2024	72.34	40.37	11.11	24.36
8	25/04/2024	55.37	24.34	14.16	26.32
9	29/04/2024	66.14	33.84	10.37	20.56
10	02/05/2024	70.63	37.52	22.43	36.67
11	06/05/2024	61.46	32.67	17.44	23.60
12	09/05/2024	76.25	43.34	11.94	21.26
13	13/05/2024	44.24	17.28	21.15	34.56
14	16/05/2024	51.32	24.43	16.34	30.34
15	20/05/2024	77.55	40.53	13.64	22.40
16	23/05/2024	64.57	38.53	20.33	35.46
17	27/05/2024	72.62	34.05	18.28	25.76
18	30/05/2024	67.85	39.78	14.73	31.63
19	03/06/2024	73.64	38.40	16.64	31.59
20	06/06/2024	67.52	33.46	18.44	28.34
21	10/06/2024	75.52	39.36	21.31	24.51
22	13/06/2024	68.43	31.28	14.64	30.47
23	17/06/2024	58.63	28.61	22.71	35.64
24	20/06/2024	71.22	43.87	17.62	33.49
25	24/06/2024	66.12	30.69	15.64	23.51
26	27/06/2024	59.37	27.52	11.55	20.32
27	01/07/2024	58.42	25.48	11.59	23.55
28	04/07/2024	66.36	34.24	16.56	27.65
29	08/07/2024	74.65	40.32	14.57	22.56
30	11/07/2024	52.62	22.64	17.66	24.85
31	15/07/2024	80.56	43.53	10.67	19.36
32	18/07/2024	64.34	23.44	18.31	28.32
33	22/07/2024	70.34	35.65	12.52	26.40
34	25/07/2024	62.52	32.40	20.21	34.58
35	29/07/2024	68.42	35.40	15.56	17.53
36	01/08/2024	62.68	27.36	12.43	25.28
37	05/08/2024	56.35	24.35	15.46	29.42
38	08/08/2024	78.97	38.66	13.51	33.46
39	12/08/2024	71.27	35.86	21.21	35.12
40	15/08/2024	75.68	42.49	11.40	24.48
41	19/08/2024	70.34	34.57	19.32	26.30
42	22/08/2024	77.52	40.37	14.23	21.55
43	26/08/2024	55.37	26.48	17.20	30.23
44	29/08/2024	51.26	23.48	21.01	34.25
45	02/09/2024	57.55	26.35	15.23	31.57
46	05/09/2024	65.42	31.86	21.33	33.42
47	09/09/2024	77.36	41.20	18.49	37.47
48	12/09/2024	60.35	25.44	16.48	29.57
49	16/09/2024	69.18	36.45	14.13	27.24
50	19/09/2024	73.56	42.33	17.34	30.17
51	23/09/2024	78.62	44.41	20.33	24.54
52	26/09/2024	63.52	35.70	13.58	32.47
53	30/09/2024	71.22	39.82	19.48	35.57


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TABLE NO. 3 RESULTS OF AAQM FOR SOUTH WEST CORNER AT PUMP HOUSE (APRIL 2024 TO SEPTEMBER 2024)

Sr No.	Date of Sampling	Particulate Matter (PM ₁₀) (µg/m ³)	Particulate Matter (PM _{2.5}) (µg/m ³)	Sulphur Dioxide (SO ₂) (µg/m ³)	Oxides of Nitrogen (NO _x) (µg/m ³)
1	01/04/2024	72.42	38.04	15.40	24.63
2	04/04/2024	58.55	32.67	11.92	19.26
3	08/04/2024	65.04	29.63	14.29	23.68
4	11/04/2024	56.47	25.89	10.55	18.67
5	15/04/2024	64.65	34.55	17.40	25.87
6	18/04/2024	47.05	17.56	9.33	20.33
7	22/04/2024	61.24	30.84	13.42	16.43
8	25/04/2024	48.61	23.64	8.36	21.67
9	29/04/2024	59.02	31.96	6.36	15.65
10	02/05/2024	65.37	33.26	17.55	33.53
11	06/05/2024	45.38	21.31	7.81	14.23
12	09/05/2024	62.67	30.34	10.83	20.27
13	13/05/2024	68.32	24.35	16.92	26.21
14	16/05/2024	44.53	17.77	13.34	24.57
15	20/05/2024	63.65	31.84	8.85	17.22
16	23/05/2024	46.35	28.68	12.38	22.55
17	27/05/2024	64.36	38.62	15.56	28.04
18	30/05/2024	60.36	32.88	11.36	25.48
19	03/06/2024	68.37	32.42	13.37	14.86
20	06/06/2024	52.54	22.60	15.31	20.76
21	10/06/2024	58.16	25.60	9.72	17.28
22	13/06/2024	62.31	28.55	11.25	23.25
23	17/06/2024	46.14	21.35	21.49	29.44
24	20/06/2024	57.91	27.18	6.54	24.96
25	24/06/2024	47.57	19.56	10.84	21.53
26	27/06/2024	54.77	24.72	7.61	15.67
27	01/07/2024	53.11	27.64	8.62	17.66
28	04/07/2024	61.17	29.97	6.35	23.93
29	08/07/2024	52.64	34.84	12.34	19.24
30	11/07/2024	48.36	18.44	10.39	21.54
31	15/07/2024	71.76	36.58	14.38	25.62
32	18/07/2024	55.62	26.85	9.75	18.29
33	22/07/2024	62.62	30.26	11.10	20.61
34	25/07/2024	57.34	28.47	13.42	27.28
35	29/07/2024	50.74	21.60	7.60	15.75
36	01/08/2024	51.51	20.39	7.52	22.46
37	05/08/2024	45.02	18.31	9.50	19.25
38	08/08/2024	61.58	32.46	11.62	27.31
39	12/08/2024	66.33	27.76	18.68	30.43
40	15/08/2024	70.64	35.46	12.71	18.54
41	19/08/2024	52.67	25.43	10.24	21.64
42	22/08/2024	71.37	36.25	8.41	15.31
43	26/08/2024	46.35	19.48	15.29	16.38
44	29/08/2024	41.57	15.57	17.56	14.04
45	02/09/2024	46.06	18.98	11.73	26.90
46	05/09/2024	60.55	24.35	7.57	22.36
47	09/09/2024	53.28	22.56	13.63	31.74
48	12/09/2024	44.25	17.15	19.35	25.38
49	16/09/2024	64.41	28.30	10.20	23.33
50	19/09/2024	68.62	35.17	8.52	19.23
51	23/09/2024	72.65	37.54	6.44	16.47
52	26/09/2024	56.32	25.43	12.64	20.82
53	30/09/2024	65.35	31.22	14.53	27.57

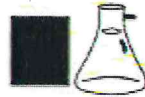

H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

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TABLE NO. 4 RESULTS OF AAQM FOR NORTH EAST CORNER AT RAILWAY BUILDING (APRIL 2024 TO SEPTEMBER 2024)

Sr No.	Date of Sampling	Particulate Matter (PM ₁₀) (µg/m ³)	Particulate Matter (PM _{2.5}) (µg/m ³)	Sulphur Dioxide (SO ₂) (µg/m ³)	Oxides of Nitrogen (NO _x) (µg/m ³)
1	01/04/2024	75.76	44.59	18.86	32.41
2	04/04/2024	82.42	47.52	13.14	23.84
3	08/04/2024	72.64	34.96	23.42	35.65
4	11/04/2024	84.37	46.02	17.62	29.46
5	15/04/2024	76.32	40.24	22.66	36.34
6	18/04/2024	67.03	32.70	24.31	31.51
7	22/04/2024	86.71	48.53	20.61	28.48
8	25/04/2024	61.75	30.32	15.64	30.47
9	29/04/2024	71.47	39.11	19.39	24.55
10	02/05/2024	77.67	41.66	26.39	44.31
11	06/05/2024	70.57	36.55	10.56	27.17
12	09/05/2024	82.61	50.08	16.60	24.89
13	13/05/2024	73.71	39.78	24.35	42.32
14	16/05/2024	67.77	33.16	18.59	35.34
15	20/05/2024	84.33	46.06	21.31	28.57
16	23/05/2024	71.07	40.45	23.47	38.64
17	27/05/2024	81.37	47.23	19.42	29.16
18	30/05/2024	78.68	43.30	17.80	33.55
19	03/06/2024	78.65	42.67	15.23	26.32
20	06/06/2024	72.86	35.59	21.70	35.34
21	10/06/2024	80.72	41.62	25.70	32.35
22	13/06/2024	74.46	36.43	16.89	34.33
23	17/06/2024	66.75	32.49	24.52	39.82
24	20/06/2024	83.42	48.66	22.35	36.47
25	24/06/2024	73.41	34.75	18.87	27.21
26	27/06/2024	64.56	31.70	14.43	31.66
27	01/07/2024	65.34	32.66	16.29	27.31
28	04/07/2024	71.55	40.32	14.22	33.48
29	08/07/2024	79.42	43.42	17.24	36.56
30	11/07/2024	58.68	26.67	21.53	40.22
31	15/07/2024	85.36	44.59	19.60	28.95
32	18/07/2024	72.45	29.56	15.44	32.42
33	22/07/2024	76.34	38.44	20.39	29.71
34	25/07/2024	66.52	35.42	23.44	38.63
35	29/07/2024	73.34	39.44	18.50	24.91
36	01/08/2024	69.55	34.38	14.29	34.55
37	05/08/2024	74.32	37.56	18.61	31.51
38	08/08/2024	85.65	48.45	16.42	35.61
39	12/08/2024	76.38	38.52	23.47	38.49
40	15/08/2024	83.42	45.14	15.58	26.22
41	19/08/2024	75.37	39.57	21.69	28.77
42	22/08/2024	84.38	43.55	17.69	24.39
43	26/08/2024	61.24	30.48	22.38	33.63
44	29/08/2024	54.21	36.22	24.55	36.45
45	02/09/2024	67.78	33.46	20.58	35.36
46	05/09/2024	72.62	35.21	17.54	38.53
47	09/09/2024	82.42	45.81	15.63	33.11
48	12/09/2024	65.68	32.37	24.56	39.58
49	16/09/2024	74.34	39.57	16.35	30.91
50	19/09/2024	78.60	44.34	19.60	36.82
51	23/09/2024	85.62	46.85	23.54	32.57
52	26/09/2024	68.35	37.06	18.69	34.33
53	30/09/2024	77.51	42.50	22.45	37.57


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Lab Manager




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AMBIENT AIR QUALITY ANALYSIS REPORT OBSERVATIONS

Ambient Air Quality Monitoring Sample Analysis									
Sr. No.	Month	Particulate Matter (PM ₁₀) (µg/m ³)		Particulate Matter (PM _{2.5}) (µg/m ³)		Sulphur Dioxide (SO ₂)(µg/m ³)		Oxides of Nitrogen (NO ₂) (µg/m ³)	
		Max	Min	Max	Min	Max	Min	Max	Min
NEAR SUB STATION -1									
1	April-24	71.21	43.46	40.13	17.83	16.30	6.48	27.45	13.74
2	May-24	70.31	45.97	38.93	20.31	15.64	6.58	30.69	14.35
3	June-24	68.67	42.32	33.63	17.46	16.50	6.64	22.67	13.65
4	July-24	67.52	41.13	28.44	15.63	17.36	6.49	25.73	13.13
5	August-24	72.64	45.37	35.30	16.34	14.55	6.47	25.35	14.71
6	September-24	66.58	41.28	34.55	18.63	15.30	6.58	30.32	18.51
Starting Of Pile Approach									
1	April-24	76.03	55.37	42.75	24.34	20.21	10.37	32.36	20.56
2	May-24	77.55	44.24	43.34	17.28	22.43	11.94	36.67	21.26
3	June-24	75.52	58.63	43.87	27.52	22.71	11.55	35.64	20.32
4	July-24	80.56	52.62	43.53	22.64	20.21	10.67	34.58	17.53
5	August-24	78.97	51.26	42.49	23.48	21.21	11.40	35.12	21.55
6	September-24	78.62	57.55	44.41	25.44	21.33	13.58	37.47	24.54
South West Corner at Pump House									
1	April-24	72.42	47.05	38.04	17.56	17.40	6.36	25.87	15.65
2	May-24	68.32	44.53	38.62	17.77	17.55	7.81	33.53	14.23
3	June-24	68.37	46.14	32.42	19.56	21.49	6.54	29.44	14.86
4	July-24	71.76	48.36	36.58	18.44	14.38	6.35	27.28	15.75
5	August-24	71.37	41.57	36.25	15.57	18.68	7.52	30.43	14.04
6	September-24	72.65	44.25	37.54	17.15	19.35	6.44	31.74	16.47
North East Corner at Railway Building									
1	April-24	86.71	61.75	48.53	30.32	24.31	13.14	36.34	23.84
2	May-24	84.33	67.77	50.08	33.16	26.39	10.56	44.31	24.89
3	June-24	83.42	64.56	48.66	31.70	25.70	14.43	39.82	26.32
4	July-24	85.36	58.68	44.59	26.67	23.44	14.22	40.22	24.91
5	August-24	85.65	54.21	48.45	30.48	24.55	14.29	38.49	24.39
6	September-24	85.62	65.68	46.85	32.37	24.56	15.63	39.58	30.91


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RESULTS OF NOISE LEVEL MONITORING

Sampling Date	: As Per Table
Test Method	: IS 9876/IS 9989
Sampling Location	: As Per Table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

TABLE NO. 5 RESULTS OF DAY TIME NOISE LEVEL MONITORING [APRIL 2024 TO SEPTEMBER 2024]

Noise Level Day Time dB(A)Leq*									
Sr. No.	Name of Location	Near Sub Station-1		Starting Of Pile Approach		South West Corner at Pump House		North East Corner at Railway Building	
	Month	Max	Min	Max	Min	Max	Min	Max	Min
1.	April-24	68.8	57.5	68.3	55.6	69.9	56.6	68.1	57.2
2.	May-24	69.5	59.8	69.9	56.6	68.1	56.3	67.5	56.7
3.	June-24	68.9	61.1	68.8	55.1	69.7	54.8	69.5	57.2
4.	July-24	68.7	60.6	68.2	53.9	69.1	53.3	69.3	54.8
5.	August-24	68.6	58.2	67.8	51.7	68.5	52.4	69.4	55.2
6.	September-24	68.9	57.3	67.2	52.3	68.7	50.3	69.9	56.8

TABLE NO. 6 RESULTS OF NIGHT TIME NOISE LEVEL MONITORING [APRIL 2024 TO SEPTEMBER 2024]

Noise Level Night Time dB(A)Leq*									
Sr. No.	Name of Location	Near Sub Station-1		Starting Of Pile Approach		South West Corner at Pump House		North East Corner at Railway Building	
	Month	Max	Min	Max	Min	Max	Min	Max	Min
1.	April-24	60.2	51.4	58.5	52.6	64.1	54.1	62.3	53.4
2.	May-24	62.4	52.4	61.2	55.6	64.3	54.8	62.2	53.4
3.	June-24	63.1	50.7	61.4	54.1	64.4	53.3	61.5	51.7
4.	July-24	62.1	51.8	61.1	52.1	60.9	53.5	60.3	51.4
5.	August-24	60.1	50.5	60.3	54.1	63.1	53.8	61.3	48.9
6.	September-24	62.5	48.7	61.3	52.1	62.8	51.8	60.5	49.2

AMBIENT AIR QUALITY STANDARDS FOR NOISE SPECIFIED BY CPCB

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day time	Night time
A	Industrial area	75	70
Notes:			
1. Day time shall mean from 6.00 a.m. to 10.00 p.m.			
2. Night time shall mean from 10.00 p.m. to 06.00 a.m.			
*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing			

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Lab Manager



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Lab Manager (Q)

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TABLE NO.12 RESULTS OF STACK MONITORING

PERMISSIBLE LIMIT FOR STACK MONITORING

S.R. NO.	TEST PARAMETER	UNIT	GPCB LIMIT**	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm ³	150	IS:11255 (Part-1)
2	Sulfur Dioxide as SO ₂	ppm	100	IS:11255 (Part-2)
3	Oxides of Nitrogen as NO _x	ppm	50	IS: 11255 (Part-7)

**Details provided by customer.

RESULTS OF STACK MONITORING

Date of Monitoring			June-24		
			20/06/2024		
Sampling Location			SS-1 DG Set -1 (125 KVA)	SS-2 DG Set -2 (125 KVA)	SS-3 DG Set -3 (125 KVA)
S.R. NO.	TEST PARAMETER	UNIT	RESULT		
1	Particulate Matter	mg/Nm ³	23.42	20.51	28.19
2	Sulfur Dioxide as SO ₂	ppm	7.67	6.52	8.38
3	Oxides of Nitrogen as NO _x	ppm	34.55	30.72	36.46
4	Noise Level Monitoring				
4.1	Near DG Set	dB(A)	72.9	68.6	70.3

H. T. Shah

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Dr. Arun Bajpai

Lab Manager (Q)

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TABLE NO.11 RESULTS OF SEWAGE WATER [APRIL 2024 TO SEPTEMBER 2024]

SR. NO.	PARAMETERS	UNIT	STP OUTLET PERMISSIBLE LIMIT*	TEST METHOD
1	pH	--	6.5-9.0	IS: 3025 (Part - 11) (Electrometric Method)
2	Total Suspended Solids	mg/L	30	IS3025(P17)
3	BOD (5 Days @ 20 °C)	mg/L	20	IS 3025 (Part - 44)
4	Fecal Coliform	MPN/100 ml	<1000	APHA(22 nd Edi)9221 C & E

RESULTS OF SEWAGE WATER ANALYSIS

DATE OF SAMPLING			April-24			
			09/04/2024		29/04/2024	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	--	7.72	7.51	7.68	7.43
2	Total Suspended Solids	mg/L	102	17.92	91.92	12.95
3	BOD (5 Days @ 20 °C)	mg/L	74.86	14.62	86.32	15.24
4	Fecal Coliform	MPN/100 ml	>1600	84	>1600	120

DATE OF SAMPLING			May-24			
			13/05/2024		30/05/2024	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	--	7.35	7.21	7.76	7.41
2	Total Suspended Solids	mg/L	123	17.92	105	15.96
3	BOD (5 Days @ 20 °C)	mg/L	76.47	12.48	84.28	12.13
4	Fecal Coliform	MPN/100 ml	>1600	79	>1600	84

DATE OF SAMPLING			June-24			
			14/06/2024		28/06/2024	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	--	7.51	7.36	7.69	7.53
2	Total Suspended Solids	mg/L	137	14.92	124	12.90
3	BOD (5 Days @ 20 °C)	mg/L	74.65	11.62	69.43	14.27
4	Fecal Coliform	MPN/100 ml	>1600	140	>1600	170


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DATE OF SAMPLING			July-24			
			12/07/2024		29/07/2024	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	--	7.73	7.29	8.12	7.63
2	Total Suspended Solids	mg/L	108	17.84	97.24	12.56
3	BOD (5 Days @ 20 °C)	mg/L	74.55	12.62	83.36	14.72
4	Fecal Coliform	MPN/100 ml	>1600	63	>1600	84

DATE OF SAMPLING			August-24			
			12/08/2024		29/08/2024	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	--	7.54	7.19	7.43	7.06
2	Total Suspended Solids	mg/L	114	17.58	87.16	13.86
3	BOD (5 Days @ 20 °C)	mg/L	74.92	12.48	69.75	16.08
4	Fecal Coliform	MPN/100 ml	>1600	49	>1600	70

DATE OF SAMPLING			September-24			
			13/09/2024		27/09/2024	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	--	7.01	7.29	7.19	7.35
2	Total Suspended Solids	mg/L	113	21.74	96.26	17.18
3	BOD (5 Days @ 20 °C)	mg/L	78.4	13.56	61.32	12.98
4	Fecal Coliform	MPN/100 ml	>1600	46	>1600	84

SEWAGE WATER REPORT OBSERVATION

SR. NO.	PARAMETERS	UNIT	STP Outlet		Permissible Limit**
			Max.	Min.	
1	pH	--	7.63	7.06	6.5-9.0
2	Total Suspended Solids	mg/L	21.00	12.56	30
3	BOD (5 Days @ 20 °C)	mg/L	16.08	11.62	20
4	Fecal Coliform	MPN/100 ml	170	46	<1000

** : Details provided by customer.


H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)



Environmental Auditors, Consultants & Analysts
Cleaner Production - Waste Minimization Facilitator

Recognised by MoEF New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

"ENVIRONMENTAL MONITORING REPORT"

For

**ADANI KANDLA BULK TERMINAL PRIVATE LIMITED.
KANDLA, KUTCH.**

OCTOBER 2024 TO MARCH 2025


H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

(PCB ID: 46110)



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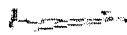
METHODS AND EQUIPMENTS USED FOR SAMPLING AND ANALYSIS

SR. NO.	Monitoring Details	Equipments Used	Sampling and Analysis Method
1	Ambient Air Quality Monitoring	RDS, FDS, Gaseous Attachment with Impinger	CPCB Guideline/IS:5182
2	Noise Monitoring	Noise Meter	IS 9876/IS 9989
3	Sea Water Monitoring	Depth Sampler	IS:3025/APHA/USEPA/ASTM
4	Sea Sediment Monitoring	Grab Sampler	CPCB Guideline/ IS/APHA/USEPA/ASTM
5	Drinking Water Analysis	Sealed & Sterile Bottle	IS:10500:2012
6	Sewage water Analysis	Sealed & Sterile Bottle	APHA/IS:3025
7	Stack Monitoring	Stack Monitoring Sampler/Kit	IS:11255/NDIR Gas Analyzer
8	Dump Pond Discharge	Sealed & Sterile Bottle	APHA/IS:3025
9	Wind Rose Diagram	Online Weather Station	Wind Rose Plotting Software


H. T. Shah

Lab Manager




Dr. Arun Bajpai

Lab Manager (Q)

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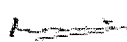
NATIONAL AMBIENT AIR QUALITY STANDARDS **DATED 16TH NOV.2009, CPCB NEW DELHI.**

SR. NO.	TEST PARAMETER	UNIT	Concentration in ambient air	Method Of Measurement
1	Particulate Matter (PM ₁₀)	µg/m ³	100	IS:5182(Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide (SO ₂)	µg/m ³	80	IS:5182(Part 2)
4	Oxides of Nitrogen (NO ₂)	µg/m ³	80	IS:5182(Part 6)

NS#: Not Specified, ** National Ambient Air Quality Standards Dated: 18/11/2009 as per Central Pollution Control Board, New Delhi.

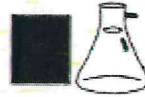

H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

(PCB ID: 46110)



POLYCON LABORATORIES PVT. LTD.

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TABLE NO. 1 RESULTS OF AAQM FOR NEAR SUB STATION -1 [OCTOBER 2024 TO MARCH 2025]

Sr No.	Date of Sampling	Particulate Matter (PM ₁₀) (µg/m ³)	Particulate Matter (PM _{2.5}) (µg/m ³)	Sulphur Dioxide (SO ₂) (µg/m ³)	Oxides of Nitrogen (NO _x) (µg/m ³)
1	03/10/2024	46.54	17.59	12.70	23.46
2	07/10/2024	52.68	21.62	16.92	20.27
3	10/10/2024	69.54	36.46	14.38	18.31
4	14/10/2024	54.62	20.33	17.91	28.74
5	17/10/2024	49.15	25.40	9.70	26.99
6	21/10/2024	58.61	27.56	7.02	21.67
7	24/10/2024	45.62	18.54	10.62	16.89
8	28/10/2024	50.18	24.36	13.51	22.54
9	31/10/2024	53.05	28.19	11.77	17.37
10	04/11/2024	59.11	34.34	14.28	27.66
11	07/11/2024	63.51	29.60	12.28	25.30
12	11/11/2024	57.68	32.43	7.79	22.43
13	14/11/2024	66.28	27.65	9.65	13.74
14	18/11/2024	56.32	23.49	15.75	23.41
15	21/11/2024	64.25	37.71	10.56	20.56
16	25/11/2024	58.66	30.47	18.46	17.54
17	28/11/2024	68.37	26.44	11.25	12.51
18	02/12/2024	76.38	35.92	9.63	20.24
19	05/12/2024	50.36	18.33	18.62	16.08
20	09/12/2024	62.44	24.32	13.51	32.47
21	12/12/2024	53.43	28.48	11.25	21.28
22	16/12/2024	70.52	36.54	17.57	18.62
23	19/12/2024	52.62	21.41	6.77	15.17
24	23/12/2024	59.46	25.69	16.55	28.67
25	26/12/2024	42.44	17.17	10.22	14.89
26	02/01/2025	50.23	22.45	6.88	25.48
27	06/01/2025	40.31	19.12	10.31	20.11
28	09/01/2025	65.88	28.40	8.43	14.56
29	13/01/2025	51.37	26.36	12.31	24.60
30	16/01/2025	43.46	18.67	11.27	16.28
31	20/01/2025	54.96	23.86	15.70	23.27
32	23/01/2025	73.73	31.43	13.33	21.26
33	27/01/2025	58.33	25.24	9.65	17.80
34	30/01/2025	52.42	15.92	7.80	13.54
35	03/02/2025	48.46	23.53	7.88	15.88
36	06/02/2025	43.67	16.88	11.29	24.61
37	10/02/2025	61.75	32.97	9.70	17.59
38	13/02/2025	68.83	36.17	6.61	13.54
39	17/02/2025	65.52	25.44	13.36	23.29
40	20/02/2025	58.66	33.43	10.70	19.93
41	24/02/2025	53.21	27.73	17.79	27.22
42	27/02/2025	49.63	24.24	12.89	18.47
43	03/03/2025	59.92	31.14	14.44	20.13
44	06/03/2025	63.48	33.43	6.22	22.63
45	10/03/2025	50.37	20.33	11.52	16.12
46	13/03/2025	55.55	27.65	7.67	18.06
47	17/03/2025	75.64	34.51	9.19	24.65
48	20/03/2025	62.27	24.65	12.36	21.25
49	24/03/2025	66.37	29.73	15.37	23.82
50	27/03/2025	57.63	26.40	19.92	30.37
51	31/03/2025	51.36	22.53	16.35	25.66

H. T. Shah

Lab Manager



Dr. Arun Bajpai

Lab Manager (Q)

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

(PCB ID: 46110)



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TABLE NO. 2 RESULTS OF AAQM FOR STARTING OF PILE APPROACH [OCTOBER 2024 TO MARCH 2025]

Sr No.	Date of Sampling	Particulate Matter (PM ₁₀) (µg/m ³)	Particulate Matter (PM _{2.5}) (µg/m ³)	Sulphur Dioxide (SO ₂) (µg/m ³)	Oxides of Nitrogen (NO _x) (µg/m ³)
1	03/10/2024	81.37	40.91	21.88	33.50
2	07/10/2024	57.94	23.48	18.60	24.91
3	10/10/2024	84.35	39.99	22.65	26.22
4	14/10/2024	59.25	30.15	19.56	32.49
5	17/10/2024	71.87	44.12	17.63	29.24
6	21/10/2024	79.32	45.37	11.37	34.40
7	24/10/2024	68.51	32.69	13.64	23.72
8	28/10/2024	65.01	36.53	20.56	31.60
9	31/10/2024	73.51	41.28	15.13	27.51
10	04/11/2024	82.45	37.24	18.62	30.27
11	07/11/2024	75.67	33.36	16.86	28.13
12	11/11/2024	68.76	35.40	19.34	32.22
13	14/11/2024	76.98	32.48	17.67	26.91
14	18/11/2024	62.41	29.48	12.47	19.86
15	21/11/2024	69.38	39.49	15.47	24.35
16	25/11/2024	72.58	43.79	22.30	31.57
17	28/11/2024	84.34	46.37	14.53	21.22
18	02/12/2024	83.78	43.24	19.50	24.52
19	05/12/2024	62.55	36.24	14.44	20.43
20	09/12/2024	79.62	30.52	12.12	27.56
21	12/12/2024	70.38	35.49	20.22	23.18
22	16/12/2024	86.61	46.37	11.52	30.17
23	19/12/2024	60.24	32.53	16.43	26.83
24	23/12/2024	71.34	38.41	21.32	32.22
25	26/12/2024	78.65	45.62	13.35	22.63
26	02/01/2025	56.47	30.07	15.35	28.45
27	06/01/2025	50.34	26.19	13.54	23.51
28	09/01/2025	76.66	38.45	17.59	29.46
29	13/01/2025	65.61	31.65	10.83	32.31
30	16/01/2025	71.58	40.66	14.31	25.32
31	20/01/2025	75.62	48.25	18.50	30.36
32	23/01/2025	83.48	41.83	16.35	24.86
33	27/01/2025	68.95	35.32	12.51	20.98
34	30/01/2025	57.51	29.48	9.19	26.62
35	03/02/2025	64.28	39.16	14.87	20.25
36	06/02/2025	59.15	24.23	12.34	16.98
37	10/02/2025	84.34	47.45	18.63	28.43
38	13/02/2025	73.24	41.03	13.91	21.58
39	17/02/2025	80.36	43.95	17.24	24.18
40	20/02/2025	69.34	37.24	21.07	27.84
41	24/02/2025	74.55	40.32	15.35	22.96
42	27/02/2025	65.72	33.74	10.34	29.34
43	03/03/2025	65.87	36.53	9.66	17.67
44	06/03/2025	73.62	37.53	11.24	28.61
45	10/03/2025	64.52	31.11	16.93	23.44
46	13/03/2025	70.44	29.44	12.90	30.49
47	17/03/2025	82.38	42.33	20.97	22.47
48	20/03/2025	74.25	30.40	17.58	25.43
49	24/03/2025	84.52	45.33	10.51	21.54
50	27/03/2025	80.36	28.56	18.29	27.97
51	31/03/2025	63.78	34.36	13.44	32.41


H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

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TABLE NO. 3 RESULTS OF AAQM FOR SOUTH WEST CORNER AT PUMP HOUSE [OCTOBER 2024 TO MARCH 2025]

Sr No.	Date of Sampling	Particulate Matter (PM ₁₀) (µg/m ³)	Particulate Matter (PM _{2.5}) (µg/m ³)	Sulphur Dioxide (SO ₂) (µg/m ³)	Oxides of Nitrogen (NO _x) (µg/m ³)
1	03/10/2024	56.68	33.34	16.56	19.42
2	07/10/2024	64.58	26.22	10.37	21.61
3	10/10/2024	55.23	28.55	12.62	15.75
4	14/10/2024	45.35	16.57	9.64	17.59
5	17/10/2024	40.77	22.81	14.62	24.75
6	21/10/2024	67.26	31.51	13.91	30.31
7	24/10/2024	54.34	25.43	7.61	23.29
8	28/10/2024	60.32	30.67	17.37	26.33
9	31/10/2024	69.04	35.75	8.63	22.40
10	04/11/2024	70.88	27.68	12.53	21.38
11	07/11/2024	67.31	36.92	8.47	18.66
12	11/11/2024	50.28	18.11	15.30	20.35
13	14/11/2024	61.55	29.93	11.59	23.07
14	18/11/2024	49.66	21.10	7.62	15.76
15	21/11/2024	57.37	33.55	14.83	28.34
16	25/11/2024	52.68	26.47	16.56	25.55
17	28/11/2024	64.63	31.13	10.14	19.23
18	02/12/2024	71.63	30.97	6.46	22.86
19	05/12/2024	45.34	21.85	9.45	14.05
20	09/12/2024	68.23	27.80	7.58	18.91
21	12/12/2024	57.93	31.22	17.36	29.85
22	16/12/2024	76.88	42.66	13.15	26.33
23	19/12/2024	46.77	19.69	10.38	21.18
24	23/12/2024	53.54	22.18	14.28	24.32
25	26/12/2024	67.61	24.35	11.90	20.31
26	02/01/2025	63.86	26.47	13.45	23.46
27	06/01/2025	44.21	24.64	7.64	16.55
28	09/01/2025	60.38	35.38	9.86	22.48
29	13/01/2025	58.42	28.43	14.32	28.64
30	16/01/2025	65.32	32.42	10.58	19.56
31	20/01/2025	72.41	36.46	12.64	15.41
32	23/01/2025	68.43	33.46	8.83	13.70
33	27/01/2025	52.56	23.43	6.45	25.65
34	30/01/2025	45.67	18.65	11.53	18.88
35	03/02/2025	59.31	32.26	11.67	19.72
36	06/02/2025	40.53	14.94	8.96	17.61
37	10/02/2025	47.81	25.22	13.61	21.17
38	13/02/2025	51.03	22.64	10.31	15.34
39	17/02/2025	74.76	30.26	6.39	12.61
40	20/02/2025	63.03	27.05	14.24	16.36
41	24/02/2025	58.86	34.16	7.63	14.31
42	27/02/2025	69.96	29.73	9.64	22.17
43	03/03/2025	55.76	20.33	10.32	25.22
44	06/03/2025	68.34	31.55	6.26	15.37
45	10/03/2025	57.35	23.64	12.47	19.54
46	13/03/2025	61.51	26.33	8.33	13.74
47	17/03/2025	70.31	29.65	15.56	21.13
48	20/03/2025	66.56	25.34	11.29	26.37
49	24/03/2025	71.97	32.46	14.33	18.67
50	27/03/2025	51.23	22.48	16.27	24.35
51	31/03/2025	67.21	37.02	7.52	14.34

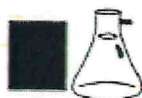

H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

(PCB ID: 46110)



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TABLE NO. 4 RESULTS OF AAQM FOR NORTH EAST CORNER AT RAILWAY BUILDING (OCTOBER 2024 TO MARCH 2025)

Sr No.	Date of Sampling	Particulate Matter (PM ₁₀) (µg/m ³)	Particulate Matter (PM _{2.5}) (µg/m ³)	Sulphur Dioxide (SO ₂) (µg/m ³)	Oxides of Nitrogen (NO _x) (µg/m ³)
1	03/10/2024	87.47	51.38	24.61	33.77
2	07/10/2024	66.71	28.81	21.51	30.34
3	10/10/2024	89.37	54.39	18.42	28.49
4	14/10/2024	73.28	34.33	25.78	36.62
5	17/10/2024	65.45	37.56	19.56	31.15
6	21/10/2024	83.43	48.61	16.38	37.21
7	24/10/2024	74.25	36.43	14.69	26.65
8	28/10/2024	69.47	39.57	23.44	35.53
9	31/10/2024	78.15	45.64	17.66	32.26
10	04/11/2024	85.15	41.96	15.61	34.52
11	07/11/2024	77.88	45.68	14.63	32.38
12	11/11/2024	72.23	40.32	21.85	38.63
13	14/11/2024	81.38	36.89	13.52	31.21
14	18/11/2024	68.66	30.86	18.92	25.67
15	21/11/2024	74.33	43.42	20.60	30.97
16	25/11/2024	79.63	47.32	24.31	37.43
17	28/11/2024	88.65	50.25	16.36	23.92
18	02/12/2024	90.31	50.33	16.34	31.58
19	05/12/2024	68.38	36.47	22.64	26.27
20	09/12/2024	74.97	42.33	14.98	36.94
21	12/12/2024	82.97	46.35	18.51	24.62
22	16/12/2024	92.67	52.47	20.35	32.73
23	19/12/2024	67.51	34.63	19.41	29.66
24	23/12/2024	75.56	41.37	25.44	35.45
25	26/12/2024	84.31	48.61	17.46	27.94
26	02/01/2025	70.02	35.88	17.36	32.48
27	06/01/2025	58.67	29.31	15.67	27.46
28	09/01/2025	82.45	47.52	13.26	24.36
29	13/01/2025	77.01	45.64	19.19	37.60
30	16/01/2025	84.91	43.21	16.30	30.28
31	20/01/2025	80.11	51.33	21.29	33.59
32	23/01/2025	87.48	46.23	14.61	29.25
33	27/01/2025	71.26	41.37	18.78	31.44
34	30/01/2025	63.42	34.80	12.73	35.80
35	03/02/2025	73.14	43.55	18.25	23.70
36	06/02/2025	62.73	27.05	14.56	31.36
37	10/02/2025	87.73	49.12	22.64	33.56
38	13/02/2025	78.58	44.80	17.55	25.91
39	17/02/2025	86.38	47.65	21.39	28.77
40	20/02/2025	75.32	39.15	23.60	35.35
41	24/02/2025	80.82	42.87	19.30	30.48
42	27/02/2025	74.38	36.80	13.25	24.34
43	03/03/2025	74.65	41.63	16.79	25.96
44	06/03/2025	80.26	39.57	13.71	32.87
45	10/03/2025	68.88	43.58	23.48	27.65
46	13/03/2025	76.56	38.62	11.60	24.97
47	17/03/2025	87.52	45.69	24.55	29.66
48	20/03/2025	78.67	42.67	19.18	36.08
49	24/03/2025	88.63	48.54	17.65	26.88
50	27/03/2025	73.57	34.73	22.25	35.42
51	31/03/2025	79.57	40.31	10.78	28.16

H. T. Shah

Lab Manager



Dr. Arun Bajpai

Lab Manager (Q)

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

(PCB ID: 46110)



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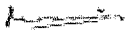
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AMBIENT AIR QUALITY ANALYSIS REPORT OBSERVATIONS

Ambient Air Quality Monitoring Sample Analysis									
Sr. No.	Month	Particulate Matter (PM ₁₀) (µg/m ³)		Particulate Matter (PM _{2.5}) (µg/m ³)		Sulphur Dioxide (SO ₂)(µg/m ³)		Oxides of Nitrogen (NO ₂) (µg/m ³)	
		Max	Min	Max	Min	Max	Min	Max	Min
Near Sub Station -1									
1	October-24	69.54	45.62	36.46	17.59	17.91	7.02	28.74	16.89
2	November-24	68.37	56.32	37.71	23.49	18.46	7.79	27.66	12.51
3	December-24	76.38	42.44	36.54	17.17	18.62	6.77	32.47	14.89
4	January-25	73.73	40.31	31.43	15.92	15.70	6.88	25.48	13.54
5	February-25	68.83	43.67	36.17	16.88	17.79	6.61	27.22	13.54
6	March-25	75.64	50.37	34.51	20.33	19.92	6.22	30.37	16.12
Starting Of Pile Approach									
1	October-24	84.35	57.94	45.37	23.48	22.65	11.37	34.40	23.72
2	November-24	84.34	62.41	46.37	29.48	22.30	12.47	32.22	19.86
3	December-24	86.61	60.24	46.37	30.52	21.32	11.52	32.22	20.43
4	January-25	83.48	50.34	48.25	26.19	18.50	9.19	32.31	20.98
5	February-25	84.34	59.15	47.45	24.23	21.07	10.34	29.34	16.98
6	March-25	84.52	63.78	45.33	28.56	20.97	9.66	32.41	17.67
South West Corner at Pump House									
1	October-24	69.04	40.77	35.75	16.57	17.37	7.61	30.31	15.75
2	November-24	70.88	49.66	36.92	18.11	16.56	7.62	28.34	15.76
3	December-24	76.88	45.34	42.66	19.69	17.36	6.46	29.85	14.05
4	January-25	72.41	44.21	36.46	18.65	14.32	6.45	28.64	13.70
5	February-25	74.76	40.53	34.16	14.94	14.24	6.39	22.17	12.61
6	March-25	71.97	51.23	37.02	20.33	16.27	6.26	26.37	13.74
North East Corner at Railway Building									
1	October-24	89.37	65.45	54.39	28.81	25.78	14.69	37.21	26.65
2	November-24	88.65	68.66	50.25	30.86	24.31	13.52	38.63	23.92
3	December-24	92.67	67.51	52.47	34.63	25.44	14.98	36.94	24.62
4	January-25	87.48	58.67	51.33	29.31	21.29	12.73	37.60	24.36
5	February-25	87.73	62.73	49.12	27.05	23.60	13.25	35.35	23.70
6	March-25	88.63	68.88	48.54	34.73	24.55	10.78	36.08	24.97


H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

(PCB ID: 46110)



POLLUCON LABORATORIES PVT. LTD.

Environmental Auditors, Consultants & Analysts.
Cleaner Production / Waste Minimization Facilitator

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RESULTS OF NOISE LEVEL MONITORING

Sampling Date	: As Per Table
Test Method	: IS 9876/IS 9989
Sampling Location	: As Per Table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

TABLE NO. 5 RESULTS OF DAY TIME NOISE LEVEL MONITORING [OCTOBER 2024 TO MARCH 2025]

Noise Level Day Time dB(A)Leq*									
Sr. No.	Name of Location	Near Sub Station-1		Starting Of Pile Approach		South West Corner at Pump House		North East Corner at Railway Building	
	Month	Max	Min	Max	Min	Max	Min	Max	Min
1.	October-24	69.2	58.3	68.1	55.3	69.5	55.6	68.5	59.1
2.	November-24	67.8	55.5	69.2	56.1	69.4	56.9	67.3	58.9
3.	December-24	68.3	56.8	69.2	59.0	69.5	56.5	65.4	53.3
4.	January-25	69.2	55.7	69.4	58.3	68.0	54.6	66.7	54.3
5.	February-25	66.5	53.5	67.7	57.3	69.3	54.8	67.3	53.0
6.	March-25	69.8	60.8	70.1	62.9	70.1	62.2	66.0	58.3

TABLE NO. 6 RESULTS OF NIGHT TIME NOISE LEVEL MONITORING [OCTOBER 2024 TO MARCH 2025]

Noise Level Night Time dB(A)Leq*									
Sr. No.	Name of Location	Near Sub Station-1		Starting Of Pile Approach		South West Corner at Pump House		North East Corner at Railway Building	
	Month	Max	Min	Max	Min	Max	Min	Max	Min
1.	October-24	60.4	50.1	60.9	50.7	60.1	51.8	59.6	49.8
2.	November-24	58.4	50.1	58.7	52.3	59.6	55.5	55.9	49.6
3.	December-24	58.3	49.3	58.2	49.5	56.0	50.3	56.9	49.2
4.	January-25	59.0	51.0	58.4	50.7	54.3	50.8	54.9	50.1
5.	February-25	56.1	51.8	56.2	50.3	54.6	49.8	57.8	51.2
6.	March-25	59.8	51.5	54.9	51.5	55.3	50.5	54.6	50.9

AMBIENT AIR QUALITY STANDARDS FOR NOISE SPECIFIED BY CPCB

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day time	Night time
A	Industrial area	75	70

Notes:

- Day time shall mean from 6.00 a.m. to 10.00 p.m.
- Night time shall mean from 10.00 p.m. to 06.00 a.m.

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing


H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

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TABLE NO.12 RESULTS OF STACK MONITORING

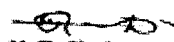
PERMISSIBLE LIMIT FOR STACK MONITORING

SR. NO.	TEST PARAMETER	UNIT	GPCB LIMIT**	TEST/SAMPLING METHOD
1	Particulate Matter	mg/Nm ³	150	IS:11255 (Part-1)
2	Sulfur Dioxide as SO ₂	ppm	100	IS:11255 (Part-2)
3	Oxides of Nitrogen as NO _x	ppm	50	IS: 11255 (Part-7)

**Details provided by customer.

RESULTS OF STACK MONITORING

Date of Monitoring			December-24		
			25/12/2024		
Sampling Location			SS-1 DG Set -1 (125 KVA)	SS-2 DG Set -2 (125 KVA)	SS-3 DG Set -3 (125 KVA)
SR. NO.	TEST PARAMETER	UNIT	RESULT		
1	Particulate Matter	mg/Nm ³	24.38	23.42	26.25
2	Sulfur Dioxide as SO ₂	ppm	6.56	5.63	7.52
3	Oxides of Nitrogen as NO _x	ppm	31.66	32.48	34.47
4	Noise Level Monitoring				
4.1	Near DG Set	dB(A)	72.5	72.3	72.4


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TABLE NO.11 RESULTS OF SEWAGE WATER [OCTOBER 2024 TO MARCH 2025]

SR. NO.	PARAMETERS	UNIT	STP OUTLET PERMISSIBLE LIMIT*	TEST METHOD
1	pH	—	6.5-9.0	IS: 3025 (Part - 11) (Electrometric Method)
2	Total Suspended Solids	mg/L	30	IS3025(P17)
3	BOD (5 Days @ 20 °C)	mg/L	20	IS 3025 (Part - 44)
4	Fecal Coliform	MPN/100 ml	<1000	APHA(22 nd Ed)9221 C & E

RESULTS OF SEWAGE WATER ANALYSIS

DATE OF SAMPLING			October-24			
			15/10/2024		31/10/2024	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	—	7.56	7.73	7.08	7.21
2	Total Suspended Solids	mg/L	123	18.96	89.27	14.68
3	BOD (5 Days @ 20 °C)	mg/L	72.40	11.86	69.32	13.64
4	Fecal Coliform	MPN/100 ml	>1600	63	>1600	130

DATE OF SAMPLING			November-24			
			15/11/2024		29/11/2024	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	—	7.01	6.95	7.25	7.18
2	Total Suspended Solids	mg/L	119	28.18	90.28	18.42
3	BOD (5 Days @ 20 °C)	mg/L	80.42	18.56	72.64	14.32
4	Fecal Coliform	MPN/100 ml	>1600	84	>1600	65

DATE OF SAMPLING			December-24			
			16/12/2024		30/12/2024	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	—	7.29	7.41	6.99	7.13
2	Total Suspended Solids	mg/L	81.59	20.75	120	17.38
3	BOD (5 Days @ 20 °C)	mg/L	65.24	15.68	79.56	16.24
4	Fecal Coliform	MPN/100 ml	>1600	110	>1600	49


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DATE OF SAMPLING			January-25			
			14/01/2025		31/01/2025	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	—	7.43	7.65	7.69	7.81
2	Total Suspended Solids	mg/L	83.18	16.26	92.34	17.56
3	BOD (5 Days @ 20 °C)	mg/L	82.10	14.74	73.28	15.33
4	Fecal Coliform	MPN/100 ml	>1600	120	>1600	79

DATE OF SAMPLING			February-25			
			14/02/2025		28/02/2025	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	—	7.41	7.58	7.23	7.61
2	Total Suspended Solids	mg/L	82.00	13.00	97.00	15.00
3	BOD (5 Days @ 20 °C)	mg/L	64.28	12.38	70.12	16.32
4	Fecal Coliform	MPN/100 ml	>1600	49	>1600	110

DATE OF SAMPLING			March-25			
			15/03/2025		25/03/2025	
SR. NO.	PARAMETERS	UNIT	STP Inlet	STP Outlet	STP Inlet	STP Outlet
1	pH	—	7.39	7.53	7.73	7.81
2	Total Suspended Solids	mg/L	71.00	16.00	84.00	13.00
3	BOD (5 Days @ 20 °C)	mg/L	62.54	12.38	79.58	16.24
4	Fecal Coliform	MPN/100 ml	>1600	49	>1600	84

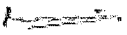
SEWAGE WATER REPORT OBSERVATION

SR. NO.	PARAMETERS	UNIT	STP Outlet		Permissible Limit**
			Max.	Min.	
1	pH	—	7.81	6.95	6.5-9.0
2	Total Suspended Solids	mg/L	28.18	13.00	30
3	BOD (5 Days @ 20 °C)	mg/L	18.56	11.86	20
4	Fecal Coliform	MPN/100 ml	130	49	<1000

** Details provided by customer.


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Lab Manager




Dr. Arun Bajpai
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Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

(PCB ID: 46110)

**ANNEXURE - 3
Waste Disposal Details, AKBTPL, Tuna**

Sr. No.	Waste Description	Disposal Method	Unit	Quantity 2024-25
Non-Hazardous:				
1.	Dry Waste (Recyclable Waste-Metal, Wood, paper, plastic etc.)	Recycle (send to reg. recycler)/ Reuse (Used by Organiser)	MT	63.43
2.	RDF (Non-Recyclable)	Co-processing at Cement Plant	MT	5.09
3.	STP Sludge	Reprocess (Manure)	MT	1.46
4.	Organic Waste (included food waste)	Reprocess & Recovery Manure	MT	5.65
Hazardous:				
5.	Used Spent Oil:	Recycle (send to Recycler)	MT	2.464
		Reuse (within organization)	MT	0.700
6.	Oily Cotton Waste:	Co-processing/Incineration	MT	2.490
7.	Discarded Containers:	Recycle (send to Recycler)	MT	1.254
8.	Waste Residue Containing Oil	Recycle (send to Recycler)	MT	---
9.	E-Waste	Recycle (send to Registered recycler)	MT	---
10.	Battery Waste	Recycle (send to Registered recycler)	MT	0.940

ANNEXURE - 4

Zero Waste to Landfill Certificate, AKBTPL, Tuna



**CII-ITC, Centre of Excellence
for Sustainable Development**



Confederation of Indian Industry

Certificate

Zero Waste to Landfill

Adani Kandla Bulk Terminal Pvt. Ltd, Tuna

This is to certify that Adani Kandla Bulk Terminal Pvt. Ltd, Tuna, Kutch (Gujarat) has the best waste management practices with the achievement of a waste diversion rate of above 95% in the year 2021-22.

This Certificate is valid from 01 August 2022 to 31 July 2025 subject to a satisfactory annual surveillance assessment.



Seema Arora
Deputy Director General
Confederation of Indian Industry (CII)
Centre of Excellence for Sustainable Development (CESD)

Certificate Date: 28 July 2022

Certificate No.: CII/ZWL/2022/002

This certificate has been awarded after the company fulfilled the requirements for zero waste to landfill practice and provided evidence for it. Responsibility for the data provided to CII rests solely with the company. The conditions of certification are detailed in the Annex.

Environment Statement for 2024-25 for M/s Adani Kandla Bulk Terminal Private Limited

(PCB ID: 46110)

ANNEXURE - 5

**Cost of Environmental Protection Measures of AKBTPL, Tuna
F.Y. 2024-25**

Sr. No.	Activity	Cost incurred (INR in Lacs)	Budgeted Cost (INR in Lacs)
		2024 - 25	2024 - 25
1.	Environmental Monitoring	9.04	12.00
2.	Environment Days Celebration, Awareness Program, Award Application	1.31	4.00
3.	Greenbelt Development	40.25	42.47
4.	Treatment and Disposal of Biomedical Waste	1.17	1.20
5.	Hazardous/Non-Hazardous Waste Management & Disposal	8.66	17.60
6.	O&M of sewage treatment plant and OWC plant	0.45	7.25
7.	Dust Suppression Activities	90.70	120.00
8.	Maintenance of conveyor belt.	0.00	0.00
9.	Expenditure of Environment Dept. (Apart from above head)	7.31	22.15
Total		158.89	226.67

ANNEXURE - 6

Photographs of Retrofit Emission Control Device at D.G. Set

