



A wholly owned subsidiary of JSW Steel Ltd.

Amba River Coke Limited

Dolvi Works: Geetapuram, Taluka Pen,
Dist Raigad (Maharashtra),
Dolvi - 402 107

CIN. : U23100MH1997PLC110901

Phone : 02143 277501 - 14

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May 27, 2025

ARCL/ENV/MoEF & CC/2025

To

Regional Officer
Ministry of Environment, Forests & Climate Change
Regional Office, (West Central Zone)
Ground Floor, East Wing,
New Secretarial Building, Civil Line,
Nagpur – 440001

Sub: Submission of Six Monthly Environmental Monitoring Reports for Coke Oven Plant & Pellet Plant of M/s. Amba River Coke Ltd. at Geetapuram, Village Dolvi, Tehsil Pen, District Raigad in Maharashtra for the Period of October, 2024 to March 2025.

Ref: i) MoEF Letter - F No J-11011/286/2007-IA-II(I) dated 12/01/2009.

Dear Sir,

Please find enclosed the six monthly Environmental Monitoring Reports for the period of October, 2024 to March 2025 for 1.0 MTPA Coke Oven Plant & 4.0 MTPA Pellet Plant of M/s. Amba River Coke Ltd. at Geetapuram, Village Dolvi, Tehsil Pen, District Raigad in Maharashtra.
This is for your information & record please.

Thanking you,

Yours faithfully,
For Amba River Coke Limited

Satish Kumar Choudhary
General Manager(Environment)

- CC: 1) The Director, MoEF&CC, Indira Paryavaran Bhawan, Jor Bagh, Lodi Road, New Delhi-110003 for kind information.
2) The Zonal officer, CPCB, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara-390 023, Gujarat.
3) The Regional Officer, MPCB, Raigad, Raigad Bhavan, CBD Belapur, Navi Mumbai

Regd. Office: JSW Centre,
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Bandra(E), Mumbai - 400 051.

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AMBA RIVER COKE LIMITED
Integrated Steel Mill Complex
Gectapuram, Dolvi, Tal - Pen, Dist - Raigad

A) STACK EMISSION :

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD)	Velocity m/sec	Parameters mg/Nm ³				
									Particulate Matter (PM)	SO ₂	NOx	CO	
I	Plant Capacity: 1.0 MTPA												
1	Coke Oven Battery A & B(Under firing)	Coke Oven Battery A & B	145	4.50	Natrual Draft	15/10/24 16:15 Hrs	2026	9.2	47	96	122	129	
						01/11/24 15:45 Hrs	2083	8.9	38	110	104	146	
						29/12/24 14:15 Hrs	1941	10.2	47	137	129	163	
						25/01/25 11:10Hrs	1996	11.2	44	142	132	158	
						06/02/25 11:30Hrs	1936	8.1	40	122	131	142	
						10/03/25 16:35Hrs	1953	10.5	46	105	119	132	
2	Ground De-dusting system (Charging Side)	Coke Oven Battery A & B	31	2.50	Bag Filters	15/10/24 11:55 Hrs	2026	6.8	12	NA	NA	NA	
						01/11/24 10:30 Hrs	2083	5.5	10	NA	NA	NA	
						29/12/24 16:45 Hrs	1941	5.8	10	NA	NA	NA	
						25/01/25 14:10Hrs	1996	4.4	7	NA	NA	NA	
						06/02/25 15:30Hrs	1936	6.9	9	NA	NA	NA	
						10/03/25 11:45Hrs	1953	5.3	9	NA	NA	NA	
3	Ground De-dusting system (pushing Side)	Coke Oven Battery A & B	31	2.50	Bag Filters	15/10/24 10:15 Hrs	2026	7.2	14	NA	NA	NA	
						01/11/24 12:00 Hrs	2083	6.2	12	NA	NA	NA	
						29/12/24 10:00 Hrs	1941	6.4	13	NA	NA	NA	
						25/01/25 16:15Hrs	1996	5.5	6	NA	NA	NA	
						08/02/25 14:15Hrs	1580	5.5	9	NA	NA	NA	
						26/03/25 16:00Hrs	1414	6.6	9	NA	NA	NA	
4	Boiler	WHRB Boiler	40	2.00	-	17/10/24 10:30 Hrs	99.0	6.8	19	26	25	19	
						04/11/24 16:25 Hrs	256.0	7.2	9	19	17	21	
						14/12/24 13:45 Hrs	385.0	8.1	18	27	19	35	
						27/01/25 10:25Hrs	368.0	9.5	15	16	19	25	
						21/02/25 12:45Hrs	411.0	9.5	15	14	16	21	
						07/03/25 10:45Hrs	351.0	10.3	16	12	15	18	

Prepared By

Dr. P. P. Nandusekar
Manager (Environment)

Checked By

Satish Kumar Choudhary
General Manager (Environment)

Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD)	Velocity m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
5	Dry Quenching Stack	Primary & Secondary Dust Catcher	30	2.50	Bag Filters	17/10/24 14:40 Hrs 09/11/24 10:35 Hrs 22/12/24 11:05 Hrs 27/01/25 14:15 Hrs 06/02/25 14:30 Hrs 10/03/25 14:40 Hrs	1999 2010 1937 2030 1936 1953	7.2 6.9 6.6 7.2 5.3 4.8	16 18 17 13 16 18	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
6	DG Set Stack	NA	30	0.35	NA	17/10/24 16:15 Hrs 09/11/24 12:15 Hrs 22/12/24 14:25 Hrs 03/01/25 16:35 Hrs 08/02/25 16:25 Hrs 22/03/25 14:45 Hrs	1999 2010 1937 1726 1580 1909	5.5 6.2 5.8 6.6 6.6 5.9	13 14 19 16 16 21	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
Plant Capacity: 4.0 MTPA												
II Pellet Plant												
1	Dedusting 1 & 2	Mixer Unit	30.5	1.15	Bag Filters	16/10/24 14:30 Hrs 07/11/24 12:00 Hrs 20/12/24 10:25 Hrs 03/01/25 10:45 Hrs 15/02/25 10:30 Hrs 20/03/25 11:35 Hrs	12084 12535 12034 5789 11945 11704	4.8 5.5 4.2 4.8 4.6 5.5	16 19 18 16 15 17	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
2	Dedusting 3	Betomite Unit	30.5	0.89	Bag Filters	24/10/24 16:20 Hrs 07/11/24 14:33 Hrs 20/12/24 12:05 Hrs 03/01/25 15:25 Hrs 15/02/25 12:00 Hrs 20/03/25 12:20 Hrs	11882 12535 12034 5789 11945 11704	6.0 6.8 5.6 6.2 6.6 7.5	18 22 20 18 18 19	NA NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
3	Main ESP	Induration Furnace	100	6.25	ESP	05/10/24 10:15 Hrs 07/11/24 10:30 Hrs 23/12/24 12:00 Hrs 28/01/25 11:05 Hrs 04/02/25 15:30 Hrs 20/03/25 14:10 Hrs	11440 12535 12089 10781 12014 11704	7.9 7.9 7.9 8.1 13.2 14.2	24 18 24 26 28 33	19 19 19 15 13 15	16 28 24 21 15 18	20 34 26 28 25 32

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Sr. No.	Name of the Plant and Stack	Stack connected to (Name of the Unit)	Height of the Stack (m)	Diameter of the Stack (m)	Pollution Control unit provided	Date & time of Monitoring	Production fig. of the unit, during the monitoring period (TPD)	Velocity m/sec	Parameters mg/Nm ³			
									Particulate Matter (PM)	SO ₂	NOx	CO
4	Dedusting 7	Hearth Layer	30.5	1.35	Bag Filters	14/10/24 10:20 Hrs	12015	6.5	17	NA	NA	NA
						07/11/24 16:20 Hrs	12535	6.0	16	NA	NA	NA
						20/12/24 14:25 Hrs	12034	5.8	21	NA	NA	NA
						02/01/25 10:25Hrs	12402	5.8	19	NA	NA	NA
						15/02/25 14:10Hrs	11945	5.2	17	NA	NA	NA
						01/03/25 10:45Hrs	10772	6.1	21	NA	NA	NA
5	Dedusting 8	Final Product Silo	30.5	2	Bag Filters	14/10/24 12:05 Hrs	12015	6.2	15	NA	NA	NA
						12/11/24 10:25 Hrs	12611	6.2	17	NA	NA	NA
						23/12/24 10:00 Hrs	12089	6.2	18	NA	NA	NA
						02/01/25 12:15Hrs	12402	5.6	20	NA	NA	NA
						15/02/25 16:30Hrs	11945	5.7	18	NA	NA	NA
						01/03/25 12:00Hrs	10772	6.6	23	NA	NA	NA
6	Dedusting 9	Final Product Silo	30.5	0.69	Bag Filters	14/10/24 14:10 Hrs	12015	5.8	19	NA	NA	NA
						12/11/24 12:05 Hrs	12611	5.8	18	NA	NA	NA
						23/12/24 14:32 Hrs	12089	5.5	21	NA	NA	NA
						02/01/25 14:25Hrs	12402	6.2	16	NA	NA	NA
						14/02/25 16:00Hrs	10322	4.2	14	NA	NA	NA
						01/03/25 14:30Hrs	10772	5.1	16	NA	NA	NA
7	Discharge ESP	Furnace Discharge	40	1.80	ESP	14/10/24 16:35 Hrs	12015	6.5	25	NA	NA	NA
						12/11/24 15:35 Hrs	12611	6.5	23	NA	NA	NA
						23/12/24 16:25 Hrs	12089	6.8	27	NA	NA	NA
						02/01/25 16:15Hrs	12402	7.7	17	NA	NA	NA
						04/02/25 16:25Hrs	12014	15.3	14	NA	NA	NA
						07/03/25 16:20Hrs	12027	12.5	18	NA	NA	NA
CPCB Norms							< 50	NA	NA	NA	< 1	


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b) FUGITIVE EMISSION STATUS:

Sr. No.	Location of the Station	Date of Monitoring	Parameters (µg/m ³)		
			PM10	SO ₂	Nox
A Coke Oven Plant					
	CPCB Norms (µg/m3)		2000	200	150
1	Near Coal Blending Area	15-10-2024	1908	7	25
		19-11-2024	1817	8	27
		19-12-2024	1669	6	29
		18-01-2025	1768	9	27
		06-02-2025	1666	9	27
		03-10-2025	1833	8	24
2	Near Secondary Coal Crusher Area	15-10-2024	1754	8	25
		19-11-2024	1726	9	28
		19-12-2024	1541	7	32
		18/01/2025	1646	10	29
		07/02/2025	1491	10	29
		08-03-2025	1892	7	22
3	Near Coke Oven Battery A Warf Area	16-10-2024	1905	7	19
		19-11-2024	1884	6	19
		19-12-2024	1421	6	22
		18/01/2025	1698	8	25
		06/02/2025	1964	8	25
		10-03-2025	1863	6	28
4	Near Coke Oven Battery B Warf Area	15-10-2024	1788	6	16
		19-11-2024	1854	7	19
		19-12-2024	1648	7	24
		18/01/2025	1704	7	25
		10/02/2025	1812	7	25
		10-03-2025	1756	8	25
5	Near Coke Cutter Area	16-10-2024	1830	8	21
		20-11-2024	1990	8	21
		18-12-2024	1631	9	23
		20/01/2025	1743	7	26
		08/02/2025	1479	7	26
		08-03-2025	1876	7	27
6	Near Coke Screening Area	16-10-2024	1695	9	19
		20-11-2024	1832	9	22
		18-12-2024	1670	8	19
		20/01/2025	1574	8	27
		11/02/2025	1765	7	25
		08-03-2025	1141	9	25
7	Near Sulphur Recovery Area	16-10-2024	1464	7	20
		20-11-2024	1517	8	22
		18-12-2024	1572	6	25
		20/01/2025	1673	7	22
		10/02/2025	1456	6	20
		20-03-2025	990	7	32
B Pellet Plant					
	CPCB Norms (µg/m3)		2000	200	150
1	Near Mixer Building Area	25-10-2024	1862	7	20
		16-11-2024	1816	7	18
		16-12-2024	1649	5	24
		20-01-2025	1762	8.7	27
		13-02-2025	1481	9.4	26
		21-03-2025	1842	8.6	25
2	Near Bentonite Storage Area	24-10-2024	1862	9	22
		16-11-2024	1700	8	17
		16-12-2024	1459	6	32
		21-01-2025	1457	6.7	28
		13-02-2025	1981	6.8	29
		22-03-2025	1516	6.3	18



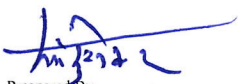
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b) FUGITIVE EMISSION STATUS:

Sr. No.	Location of the Station	Date of Monitoring	Parameters ($\mu\text{g}/\text{m}^3$)		
			PM10	SO ₂	Nox
3	Near Additive Ball Mill Area	25-10-2024	1878	6	19
		16-11-2024	1848	9	19
		16-12-2024	1663	7	22
		21-01-2025	1522	8.4	29
		14-02-2025	1546	8.7	26
		22-03-2025	1789	8.4	25
4	Near Ball Mill Area	24-10-2024	1955	6	20
		16-11-2024	1836	7	20
		16-12-2024	1651	8	20
		21-01-2025	1756	7.1	27
		14-02-2025	1938	7.6	25
		22-03-2025	1715	7.1	21
5	Near Indurating Machine	26-10-2024	1831	8	19
		18-11-2024	1733	7	19
		17-12-2024	1548	7	19
		21-01-2025	1725	7.6	22
		14-02-2025	1580	7.4	22
		21-03-2025	1748	7.6	22
6	Near Hearth Layer Area	25-10-2024	1854	7	19
		18-11-2024	1870	9	17
		17-12-2024	1667	9	21
		22-01-2025	1649	8.1	25
		14-02-2025	1813	8.7	27
		21-03-2025	1638	8.1	24
7	Near Product Storage Area	25-10-2024	1883	7	22
		18-11-2024	1706	8	21
		17-12-2024	1627	8	25
		22-01-2025	1663	7.6	30
		15-02-2025	1519	8.1	32
		20-03-2025	1723	7.6	22


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C. WATER POLLUTION STATUS:**Water Consumption/tonne of product produced :**Water Consumption / MT of Coke Produced : 1.861 M³/MT, from October, 2024 to March, 2025 (For COP only).Water Consumption / MT of Pellet Produced : 0.109 M³/MT, October, 2024 to March, 2025 (For Pellet only).**Effluent discharged to : No Discharge**

Date & Time of the sample	Location of the Sampling Point	Type of the Treatment provided	Flow Rate Average (m ³ /day)	Parameters Monitored (mg/L, except pH)						Quantity of the treatment effluent reused / recirculated & what purpose		
				pH	TSS	Phenol	Cyanide	BOD	COD		Amm. Nitrogen	O & G
From October, 2024 to March, 20245	COBP Effluent	BOD Plant - oil separation pool and air floatation pool, anaerobic pool, anoxia pool, aerobic pool and contact pool, Activated Carbon, Pressure Sand Filter	107.31 m ³ /h	7.5	33.3	BLQ	BLQ	16.9	73.3	8.6	BLQ	After treatment 100 % quantity of treated water reused for coke-quenching. No discharge of waste water.
	Pellet Plant											

No Discharge

QUALITY OF VARIOUS EFFLUENT STREAMS AT THE BOUNDARY LINE OF THE PLANT:

Sr. No.	Name of the Stream	Name of the Production Unit contributing to the Stream	Date & Time of Monitoring	Parameters (mg/l, except pH & Temp.)							
				Temp. (° C)	pH	TSS	D.O.	C.O.D.	B.O.D.	O & G	IRON
Not applicable, as we are not discharging any wastewater from the Plant.											

STATUS OF SEWAGE TREATMENT PLANT (STP):

Date & Time of Monitoring	Name of the STP	Quantity of the Effluent	Parameters (mg/l, except pH & Temp.)					Remark
			Temp.(° C)	pH	TSS	BOD	COD	
From October, 2024 to March, 2025	BOD Plant	After treatment 100 % quantity used for coke-quenching or gardening.						All septic tank water Connected to BOD Plant

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D. HAZARDOUS WASTE & SOLID WASTE MANAGEMENT:

a. Status of Solid Waste Management:

Sr. No.	Name of the Plant	Type of Waste	Quantity of Solid Waste generated per month in MT from October, 2024 to March, 2025	Method of reuse / disposal
1	Coke Oven Plant	Coke Breeze, Coke & Coal Dust	1294.0	100 % Reused Coke & Coal Dust in Coke Oven process and Coke Breeze in Pellet, Sinter Plant.
2	Pellet Plant	ESP & Bag filter dust from dedusting system	4530	100 % Reused in Pellet Process

b. Status of Hazardous Waste Management:

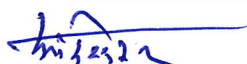
Sr. No.	Name of the Plant	Quantity of Hazardous Waste generated per month	Type of Hazardous Waste / Category	Method of handling, transportation & disposal
1	Coke Oven Plant	Nil	Used oil (Category No. 5.1)	NA
		Nil	Impure Sulphur Paste (Category No. 13.6)	M/s. Mumbai Waste Management Ltd. (MWML), Talaja, Rajgad
		4.1	Decanter Sludge (Category No. 13.4)	100 % Reused in Coke Oven process
		25 kg	Waste /residu containing Oil (oil Soak Cotton) (Category No. 5.2)	disposed in HSM furnace.
		Nil	Used oil (Category No. 5.1)	NA
2	Pellet Plant	157KG	Waste /residu containing Oil (oil Soak Cotton) (Category No. 5.2)	Disposed in HSM furnace.


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E. NOISE POLLUTION CONTROL STATUS:

Sr. No	Location	Distance from the Source (m)	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
A	Coke Oven Plant				
1	Near Coke Oven -Battary Pushing side	5	04-10-2024	84	75
			11-10-2024	79	73
			05-11-2024	83	78
			18-11-2024	84	75
			07-12-2024	83	71
			21-12-2024	78	72
			03-01-2025	70	68
			15-01-2025	68	66
			04-02-2025	70	68
			12-02-2025	68	66
			05-03-2025	70	68
			17-03-2025	68	66
2	Near Coke Oven -Battary Coke side	5	04-10-2024	80	78
			11-10-2024	81	77
			05-11-2024	77	72
			18-11-2024	81	78
			07-12-2024	82	79
			21-12-2024	81	77
			03-01-2025	64	63
			15-01-2025	66	64
			04-02-2025	64	63
			12-02-2025	66	64
			05-03-2025	64	63
3	Near Coke cutter/coke screening area	5	04-10-2024	77	72
			11-10-2024	74	72
			05-11-2024	80	75
			18-11-2024	70	65
			07-12-2024	77	72
			21-12-2024	74	72
			03-01-2025	72	70
			15-01-2025	74	71
			04-02-2025	72	70
			12-02-2025	74	71
			05-03-2025	76	74
4	Near BOD Plant area	5	04-10-2024	72	70
			11-10-2024	80	73
			05-11-2024	84	79
			18-11-2024	72	68
			07-12-2024	72	70
			21-12-2024	80	73
			03-01-2025	76	74
			15-01-2025	77	72
			04-02-2025	76	74
			12-02-2025	77	72
			05-03-2025	76	74
4	Near BOD Plant area	5	17-03-2025	77	73


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E. NOISE POLLUTION CONTROL STATUS:

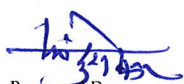
Sr. No	Location	Distance from the Source (m)	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
5	Near Coke Oven Main office Area	5	04-10-2024	77	75
			11-10-2024	80	73
			05-11-2024	71	68
			18-11-2024	79	71
			07-12-2024	77	75
			21-12-2024	80	73
			03-01-2025	68	66
			15-01-2025	67	64
			04-02-2025	68	66
			12-02-2025	67	64
			05-03-2025	68	66
			17-03-2025	67	64
6	Near Coal blending Area	5	04-10-2024	82	75
			11-10-2024	79	76
			05-11-2024	83	79
			18-11-2024	82	79
			07-12-2024	82	75
			21-12-2024	79	76
			03-01-2025	70	68
			15-01-2025	72	70
			04-02-2025	70	68
			12-02-2025	72	70
			05-03-2025	70	68
			17-03-2025	72	70
7	Near Ammonia scrubber Area	5	04-10-2024	80	78
			11-10-2024	82	80
			05-11-2024	80	75
			18-11-2024	80	76
			07-12-2024	80	78
			21-12-2024	82	80
			03-01-2025	76	73
			15-01-2025	74	72
			04-02-2025	76	73
			12-02-2025	74	72
			05-03-2025	76	73
			17-03-2025	74	72
8	Near Secondary Crusher Area	5	04-10-2024	83	81
			11-10-2024	80	78
			05-11-2024	81	78
			18-11-2024	81	79
			07-12-2024	83	81
			21-12-2024	80	78
			03-01-2025	66	64
			15-01-2025	65	63
			04-02-2025	66	64
			12-02-2025	65	63
			05-03-2025	66	64
			17-03-2025	65	63

E. NOISE POLLUTION CONTROL STATUS:

Sr. No	Location	Distance from the Source (m)	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
B	Pellet Plant				
1	Near Ball Mill Area	5	04-10-2024	79	76
			11-10-2024	80	77
			05-11-2024	78	72
			18-11-2024	79	70
			09-12-2024	79	76
			23-12-2024	80	77
			04-01-2025	79	76
			16-01-2025	80	74
			05-02-2025	79	76
			13-02-2025	80	77
			05-03-2025	79	76
			17-03-2025	80	77
2	Near Additive Ball Mill Area	5	04-10-2024	77	74
			11-10-2024	82	78
			05-11-2024	75	73
			18-11-2024	74	68
			09-12-2024	77	74
			23-12-2024	82	78
			04-01-2025	77	74
			16-01-2025	82	78
			05-02-2025	77	74
			13-02-2025	82	78
			05-03-2025	77	74
			17-03-2025	82	78
3	Near Main ESP	5	04-10-2024	80	77
			11-10-2024	82	81
			05-11-2024	82	76
			18-11-2024	84	77
			09-12-2024	80	77
			23-12-2024	82	81
			04-01-2025	80	77
			16-01-2025	82	81
			05-02-2025	80	77
			13-02-2025	82	81
			05-03-2025	80	77
			17-03-2025	82	81

E. NOISE POLLUTION CONTROL STATUS:

Sr. No	Location	Distance from the Source (m)	Date of Monitoring	Noise Level Leq. dB(A)	
				Day	Night
				dB(A)	dB(A)
4	Near Product Storage Area	5	04-10-2024	83	80
			11-10-2024	77	74
			05-11-2024	85	79
			18-11-2024	84	77
			09-12-2024	83	80
			23-12-2024	77	74
			04-01-2025	82	81
			16-01-2025	77	74
			05-02-2025	83	80
			13-02-2025	77	74
			05-03-2025	83	80
			17-03-2025	77	74
5	Near Indurating area	5	04-10-2024	81	79
			11-10-2024	76	74
			05-11-2024	83	74
			18-11-2024	83	78
			09-12-2024	81	79
			23-12-2024	76	74
			04-01-2025	81	75
			16-01-2025	79	75
			05-02-2025	81	79
			13-02-2025	76	74
			05-03-2025	81	79
			17-03-2025	76	74
6	Near Hearth Layer Area	5	04-10-2024	78	75
			11-10-2024	74	72
			05-11-2024	79	72
			18-11-2024	77	72
			09-12-2024	78	75
			23-12-2024	74	72
			04-01-2025	75	73
			16-01-2025	74	71
			05-02-2025	78	75
			13-02-2025	74	72
			05-03-2025	78	75
			17-03-2025	74	72


 Prepared By
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 Manager (Environment)


 Checked By
 Satish Kumar Choudhary
 General Manager (Environment)

F. STATUS OF CONSENTS:

S. No.	Acts	Consent Number	Valid w. e. f.	Validity upto
1	Under Section 26 of the Water (Prevention and Control of Pollution) Act, 1974	Coke Oven Plant (1 MTPA) Format 1.0/CAC/ UAN No. 0000204781 / CR/2503001222 dated 08/03/2025	08/03/2025	31-05-2029
2	Under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and authorisation under rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008	Pellet Plant (4 MTPA) Format 1.0/CAC/ UAN No. 0000147985/ CR/2301001229 dated 12/01/2023	09-30-2022	30-09-2027


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B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-10-2024	NA	NA	NA	NA	NA	37	92	10.12	13.07	0.77	33	50	7.75	11.11	0.77	45	90	11.76	8.79	1.23	40	70	7.48	23.7	0.62
02-10-2024	NA	NA	NA	NA	NA	28	86	10.44	16.66	0.72	43	63	8.44	7.75	0.89	30	65	10.9	7.86	1.77	51	87	9.36	21.09	0.62
03-10-2024	NA	NA	NA	NA	NA	23	79	10.26	18.2	0.54	36	64	8.3	11.25	0.84	30	63	10.34	7.94	1.64	36	62	7.33	18.42	0.53
04-10-2024	NA	NA	NA	NA	NA	29	89	9.49	16.58	0.63	24	52	8.29	11.66	0.75	25	51	8.7	8.24	0.8	38	67	7.58	24.95	0.43
05-10-2024	NA	NA	NA	NA	NA	24	90	9.5	15.83	0.61	19	45	7.86	11.32	0.69	28	69	8.68	8.1	0.4	40	66	7.4	28.24	0.5
06-10-2024	NA	NA	NA	NA	NA	30	91	9.28	14.79	0.71	24	44	7.83	12.93	0.77	54	92	9.14	8.39	0.42	44	78	8.32	30.09	0.62
07-10-2024	NA	NA	NA	NA	NA	37	93	9.42	14.07	1.11	46	77	7.8	11.23	0.94	43	78	9.6	9.18	0.17	48	89	9.06	28.82	0.77
08-10-2024	NA	NA	NA	NA	NA	40	78	9.23	15.87	0.78	49	81	8.39	11.18	1.07	33	90	9.51	8.37	0.19	57	90	8.27	28.38	0.76
09-10-2024	NA	NA	NA	NA	NA	25	68	9.66	16.98	0.88	33	44	9.08	10.43	0.84	52	56	9.57	9.22	0.37	35	61	7.86	21.91	0.72
10-10-2024	NA	NA	NA	NA	NA	23	75	9.54	14.38	0.86	32	54	8.94	12.42	0.97	21	45	9.33	9.28	0.21	21	64	7.97	24.36	0.66
11-10-2024	NA	NA	NA	NA	NA	24	78	8.99	12.71	0.8	22	41	9.35	10.5	0.89	30	44	9.39	9.17	0.06	9	31	6.92	25.21	0.57
12-10-2024	NA	NA	NA	NA	NA	42	90	7.21	14.16	0.74	14	28	11	8.95	0.67	37	39	9.62	8.43	0.21	16	34	7.24	22.43	0.58
13-10-2024	NA	NA	NA	NA	NA	32	88	7.34	11.45	0.63	16	31	12.46	8.87	0.69	27	33	9.08	7.68	0.29	21	41	6.95	21.79	0.64
14-10-2024	NA	NA	NA	NA	NA	25	89	7.31	14.65	0.74	19	34	13.07	10.92	0.7	33	46	8.82	8.4	0.32	13	27	6.84	22.51	0.57
15-10-2024	16	35	NA	18.9	1.4	16	91	7.34	15.95	0.77	19	33	17.19	11.88	0.79	27	47	9.47	8.35	0.38	10	38	8.52	23.81	0.62
16-10-2024	52	90	NA	19.0	1.4	56	80	7.59	16.11	0.96	27	47	12.99	11.61	0.8	36	50	10.1	8.66	0.59	22	52	7.12	26.06	0.73
17-10-2024	53	91	NA	19.0	1.4	44	76	7.95	12.81	0.86	38	67	13.18	10.5	0.77	48	68	10.32	8.16	0.58	35	72	7.2	26.02	0.71
18-10-2024	47	92	NA	18.7	1.6	32	90	7.65	14.05	0.75	35	59	12.67	15.22	1.19	31	48	9.89	8.28	0.27	47	92	7.11	25.93	0.67
19-10-2024	26	56	NA	18.6	1.7	29	91	7.5	14.08	0.5	14	24	12.7	12.88	0.96	43	55	9.32	7.82	0.14	10	30	7.11	24.47	0.47
20-10-2024	36	81	NA	18.5	1.5	36	87	7.53	17.1	0.98	17	20	12.59	9.76	0.77	54	81	9.29	8.11	0.26	4	29	7.04	20.7	0.6
21-10-2024	36	75	NA	18.4	1.5	27	93	7.23	17.12	0.65	18	24	11.39	7.65	0.64	24	59	9.25	8.28	0.38	17	48	7.22	23.28	0.62
22-10-2024	46	92	NA	18.3	1.5	40	91	6.9	15.45	0.66	29	36	10.74	6.82	0.59	48	65	9.17	8.38	0.35	30	77	7.1	28.99	0.6
23-10-2024	47	91	NA	18.2	1.5	45	91	8.32	15.01	0.78	32	33	11.2	6.14	0.9	48	87	9.1	9	0.57	29	55	6.98	22.53	0.61
24-10-2024	44	75	NA	18.1	1.5	46	92	12.1	14.14	0.88	58	63	11.15	11.65	0.74	47	91	9.28	8.73	0.61	52	91	7.14	32.4	0.75
25-10-2024	41	90	NA	18.0	1.8	45	92	13.89	26.76	0.86	54	72	11.11	9.11	0.89	41	82	9.4	8.18	0.57	49	88	7.2	35.26	0.73
26-10-2024	50	93	NA	17.9	1.6	58	91	14.32	29.41	0.9	52	66	10.78	7.02	0.89	40	91	9.53	8.32	0.55	42	86	7.12	32.67	0.8
27-10-2024	52	82	NA	17.8	1.7	54	93	14.92	29.08	1.01	55	71	10.95	8.16	0.87	51	89	9.51	7.97	0.48	47	92	7.04	34.43	0.86
28-10-2024	59	91	NA	17.7	1.8	50	80	14.46	21.25	0.89	60	74	10.81	7.83	0.89	35	90	9.76	8.33	0.14	53	90	7.15	31.53	0.81
29-10-2024	36	92	NA	17.6	1.3	59	90	14.12	14.06	0.81	50	63	10.49	9.59	0.87	49	91	9.62	8.14	0.32	52	89	7.2	34.03	0.73
30-10-2024	43	72	NA	17.5	1.4	50	92	15.4	11.57	0.89	43	57	10.77	10.34	0.74	46	87	9.8	8.5	0.57	53	77	7.14	33.51	0.69
31-10-2024	49	76	NA	17.4	1.6	59	90	15.74	13.35	0.96	53	72	11.8	8.08	0.89	42	78	10.06	7.99	0.83	55	93	7.12	32.94	0.77
Max (µg/m3)	59	93	NA	19	2	59	93	16	29	1	60	81	17	15	1	54	92	12	9	2	57	93	9	35	1
Min (µg/m3)	16	35	NA	17	1	16	68	7	11	1	14	20	8	6	1	21	39	9	8	0	4	27	7	18	0
Average (µg/m3)	43	81	NA	18	2	37	87	10	16	1	34	51	11	10	1	39	69	10	8	1	35	67	7	27	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to the Aqms station is kept in observation.

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Checked By 
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General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location		Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSTB Substation					Near Dolvi Village				
Date	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	P-410	SO2	NOX	CC	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	
01-11-2024	53	85	NA	17.3	1.6	48	90	16.42	14.88	0.86	43	59	11.53	7.42	1.02	36	88	10.02	8.07	0.86	48	74	6.97	29.58	0.74	
02-11-2024	51	87	NA	17.2	1.9	54	79	17.15	17.94	1.1	46	65	11.44	6.08	0.81	41	85	9.53	7.69	0.87	51	72	6.88	24.54	0.69	
03-11-2024	53	94	NA	17.1	2.0	50	85	13.56	18.69	1.12	52	80	12.06	7.22	0.83	45	89	9.53	7.81	0.95	59	80	7.15	30.07	0.76	
04-11-2024	57	91	NA	17.1	1.9	60	89	13.88	16.58	1.09	48	71	11.99	7.36	0.81	39	85	9.56	7.96	0.94	55	83	6.93	34.11	0.74	
05-11-2024	58	93	NA	17.0	1.7	55	90	5.61	17.68	0.99	49	78	12.21	8.31	0.84	48	95	9.78	8.5	1.0	55	82	7.02	35.57	0.75	
06-11-2024	54	90	NA	17.0	1.8	58	87	9.96	14.58	1	47	78	12.52	6.99	0.89	56	95	9.36	8.39	1.21	48	90	7.04	35.85	0.83	
07-11-2024	46	58	NA	16.8	1.7	49	60	14.78	16.32	0.95	53	80	14.02	11.67	0.95	55	94	9.9	8.24	1.44	44	87	6.91	37.67	0.87	
08-11-2024	52	74	NA	16.8	1.8	55	85	19.43	17.69	1.07	59	83	16.07	9.27	1.05	41	83	9.72	8.48	1.36	58	82	6.86	34.76	0.92	
09-11-2024	54	79	NA	16.7	1.8	53	73	16.86	16.53	1.18	54	74	14.55	9.88	1	40	83	9.72	9.05	1.35	59	79	6.84	36.79	0.86	
10-11-2024	50	82	NA	16.6	1.7	56	58	3.12	3.7	1.01	55	76	14.25	11.35	0.95	45	84	9.57	8.44	1.33	59	89	6.91	36.94	0.84	
11-11-2024	54	87	NA	16.6	1.8	52	73	1.64	3.06	0.87	58	81	15.45	9.42	0.97	43	79	9.75	8.61	1.41	55	81	6.93	35.2	0.85	
12-11-2024	51	63	NA	16.5	1.7	59	79	3.69	8.75	1.03	56	79	15.61	10.2	0.97	44	90	9.35	8.68	1.45	57	86	6.86	36.92	0.86	
13-11-2024	53	87	NA	16.4	1.7	56	85	5.6	9.39	0.92	59	86	15.51	12.27	0.93	47	92	9.74	9.35	1.47	60	90	6.69	31.06	0.87	
14-11-2024	43	92	NA	16.4	1.7	51	73	7.07	14.69	0.67	53	80	17.6	12.88	0.97	49	93	9.74	8.78	1.52	53	83	7.19	42.23	0.86	
15-11-2024	54	76	NA	16.2	1.8	37	85	9.72	12.86	0.9	51	70	15.48	11.34	1	44	92	11.09	8.67	1.64	48	83	6.6	37.71	0.84	
16-11-2024	58	73	NA	16.2	1.5	30	91	11.35	9.65	1.13	49	81	16.46	10.12	1.05	48	86	12.05	8.96	1.83	46	93	6.39	34.32	0.89	
17-11-2024	45	73	NA	16.2	1.6	59	84	11.09	14.58	1.15	45	84	14.79	8.03	1.07	56	91	12.08	8.35	1.79	55	89	6.92	39.2	0.9	
18-11-2024	50	79	NA	16.3	1.5	51	85	11.39	16.87	1.09	52	82	14.63	9.15	0.94	53	90	11.5	10.32	1.69	44	90	7.49	36.61	0.8	
19-11-2024	54	82	NA	16.5	1.7	54	78	11.4	13.57	1.02	58	78	21.06	8.71	0.95	50	93	10.23	10.18	1.88	47	90	6.71	31.26	0.79	
20-11-2024	53	82	NA	16.6	1.8	56	92	11.98	0.87	0.98	53	80	20.37	12.65	1.12	49	85	10.23	9.28	1.93	56	92	7.39	41.48	1.01	
21-11-2024	50	94	NA	16.5	1.7	46	89	11.49	5.09	1.01	55	89	15.8	11.33	1.11	46	85	10.58	8.91	1.92	55	93	8.03	44.35	1.02	
22-11-2024	58	84	NA	16.5	1.8	59	66	11.4	4.2	1	51	84	17.98	8.76	1.13	55	90	9.54	8.84	2.01	52	94	7.6	38.78	1.03	
23-11-2024	57	67	NA	16.4	1.9	50	83	11.29	2.91	1.04	49	89	18.98	7.52	1.15	49	88	9.17	10.08	2.05	48	89	6.37	31.3	0.95	
24-11-2024	58	68	NA	16.4	1.9	50	93	10.78	3.56	1.21	51	81	23.42	8.61	1.22	56	91	9.37	9.66	2.18	58	93	8.37	35.57	1.02	
25-11-2024	52	70	NA	16.4	1.8	51	90	11.18	5.44	1.37	53	84	21.7	8.44	1.15	58	95	10.5	9.46	2.14	56	90	6.66	34.58	1.06	
26-11-2024	55	85	NA	16.3	1.9	56	77	10.92	3.73	1.3	49	87	17.7	9.24	1.05	48	90	11.88	9.18	2	48	80	7.73	35.6	0.93	
27-11-2024	48	87	NA	16.2	1.7	59	90	10.16	3.3	1.04	56	85	15.99	12.66	1	51	93	12.63	10.6	2.07	59	83	8.56	37.98	0.89	
28-11-2024	53	83	NA	16.2	1.7	58	94	11.19	5.48	1.34	53	79	23.37	12.6	1	40	93	13	10.55	1.95	53	87	7.58	43.33	0.87	
29-11-2024	40	81	NA	16.2	1.5	54	91	11.09	4.04	1.14	52	85	12.65	11.66	0.94	56	92	13.46	11.09	1.89	57	92	7.51	42.22	0.85	
30-11-2024	54	93	NA	16.1	1.9	55	90	11.28	4.25	1.13	55	89	17.59	14.85	1.15	56	94	15.3	9.41	2.17	50	91	7.73	47.16	1.09	
Max (µg/m3)	58	94	NA	17	2	60	94	19	19	1	59	84	23	15	1	58	95	15	11	2	60	94	9	47	1	
Min (µg/m3)	40	58	NA	16	1	30	58	2	1	1	43	59	11	6	1	36	79	9	8	1	44	72	6	25	1	
Average (µg/m3)	52	81	NA	17	2	53	83	11	10	1	52	81	16	10	1	48	89	11	9	2	53	86	7	36	1	
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	

Showing NA due to the Processor kept in observation.

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Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple				Near Coke Oven Plant				Near Goa Gate				Near MSEB Substation				Near Dolvi Village			
	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-12-2024	42	81	NA	16.1	2.0	42	92	11.31	3.0	1.2	44	90	21.96	10.2	1.22	57	91	31.97	8.38	1.68
02-12-2024	45	65	NA	16.1	1.9	43	92	12.25	5.52	1.26	57	85	18.84	18.98	1.25	48	86	32.8	9.33	1.85
03-12-2024	50	78	NA	16.2	1.9	44	87	14.78	6.41	1.26	51	82	17.3	13.03	1.3	57	78	36.34	9.59	1.68
04-12-2024	45	89	NA	24.9	1.6	54	89	14.72	12.54	1.08	53	71	16.46	11.03	1.24	42	80	27.37	9.3	1.49
05-12-2024	36	92	NA	64.3	0.6	44	91	13.89	5.95	0.97	45	61	13.98	7.92	1.16	35	62	22.05	8.63	1.4
06-12-2024	43	92	NA	50.7	0.8	35	71	14	2.67	1.03	54	68	14.37	7.77	1.08	51	90	19.21	8.64	1.78
07-12-2024	52	84	NA	46.6	0.9	34	73	13.69	4.83	1.02	59	69	12.97	10.61	1.01	54	92	17.58	9.31	1.5
08-12-2024	54	87	NA	42.2	0.9	54	82	16.97	3.16	1.24	33	89	12.02	11.38	0.88	48	79	16.99	8.87	0.36
09-12-2024	48	78	NA	18.0	1.7	33	47	11.98	2.76	1.13	38	81	11.92	11.3	0.92	53	89	16.49	10.34	0.68
10-12-2024	49	91	NA	17.7	1.7	33	92	10.08	17.19	1.02	39	84	11.44	14.54	0.97	52	87	17.37	9.6	0.53
11-12-2024	49	82	NA	17.7	1.8	56	91	14.55	18.15	1.24	47	92	11.7	12.88	1.02	47	83	17.39	9.16	0.64
12-12-2024	45	76	NA	17.5	1.7	49	91	22.98	22.65	1.25	51	85	12.11	21.62	1.11	54	90	17.6	9.65	1.3
13-12-2024	40	79	NA	17.6	1.6	46	91	20.11	30.95	1.3	47	87	11.41	23.01	0.98	58	79	17.5	9.65	0.79
14-12-2024	49	90	NA	14.2	1.8	40	92	17.96	23.52	0.83	52	88	11.21	26.76	0.96	50	92	17.39	10.12	0.54
15-12-2024	56	82	NA	10.1	1.9	48	91	17.55	21.47	1.22	51	94	10.77	21.08	0.94	52	93	17.27	9.65	0.6
16-12-2024	51	91	NA	10.0	2.0	58	94	17.37	22.27	1.16	42	91	10.98	18.15	0.88	58	89	17.47	9.27	0.8
17-12-2024	37	87	NA	12.3	1.5	56	91	16.74	20.82	1.29	49	90	10.81	17.3	0.99	46	91	17.52	9.97	1.02
18-12-2024	44	81	NA	15.6	1.2	49	90	16.49	19.61	1.11	55	87	11.3	19.86	1.13	57	90	17.79	9.35	0.82
19-12-2024	58	84	NA	18.7	1.2	55	92	17.48	19.04	1.25	60	84	10.74	17.69	1.13	32	58	17.73	8.62	0.83
20-12-2024	49	90	NA	19.0	1.2	46	90	9.87	17.76	1.36	57	88	10.03	15.14	1.16	31	89	19.31	NA	0.89
21-12-2024	56	94	NA	19.3	1.6	49	89	5.75	17.43	0.89	47	91	9.87	17.37	1.48	39	85	20.24	NA	1.02
22-12-2024	45	89	NA	19.6	1.1	36	85	6.23	14.71	0.84	36	92	9.67	15.68	1.38	46	91	17.16	NA	1.34
23-12-2024	44	87	NA	19.7	1.0	35	92	6.24	14.27	0.86	38	92	9.34	14.25	0.94	49	87	16.89	10.72	0.99
24-12-2024	58	90	NA	19.8	1.1	46	93	6.23	16.79	1.12	44	89	9.05	19.6	0.95	43	88	15.24	10.42	1.64
25-12-2024	39	91	NA	19.8	1.2	45	91	5.85	20.29	1.07	49	84	10.05	24.03	1.04	55	90	16.93	10.26	1.87
26-12-2024	44	76	NA	19.8	1.2	45	91	5.32	19.14	1.15	47	88	9.55	28.49	1.08	56	93	17.18	9.9	1.49
27-12-2024	54	91	NA	19.9	1.3	47	86	5.23	18.59	1.29	43	91	9.03	27.21	1.27	47	90	23.2	9.51	1.38
28-12-2024	54	80	NA	19.9	1.2	56	89	5.12	17.18	1.45	44	94	8.6	17.19	1.11	51	91	20.47	10.54	1.28
29-12-2024	58	89	NA	19.8	1.2	44	88	5.36	19.37	1.2	57	92	8.71	21.47	1.78	57	91	26.45	9.87	1.27
30-12-2024	45	85	NA	19.8	1.1	35	91	5.39	20.55	1.19	48	87	9.24	25.64	1.67	50	87	28.21	9.65	0.67
31-12-2024	46	88	NA	19.7	1.3	37	91	5.27	20.13	1.11	47	90	13.53	19.56	0.98	53	89	19.46	9.25	0.39
Max (µg/m3)	58	94	0	64	2	58	94	23	31	1	60	94	22	28	2	58	93	36	11	2
Min (µg/m3)	36	65	0	10	1	33	47	5	3	1	33	61	9	8	1	31	58	15	8	0
Average (µg/m3)	48	85	#####	22	1	45	88	12	15	1	48	86	12	17	1	49	86	21	10	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to the Processor Under observation.

Prepared By
Dr.P.P.Nandusekar
Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-01-2025	52	90	NA	19.7	1.2	51	90	5.48	20.48	1.32	53	88	15.03	11.71	0.99	46	85		8.46	0.84	58	81	8.33	42.96	1.07
02-01-2025	57	82	NA	19.8	1.1	48	95	5.38	20.71	1.22	46	88	12.11	11.01	0.79	48	88		9.13	1.13	55	80	7.89	43.64	0.92
03-01-2025	58	92	NA	19.7	1.3	52	92	5.48	25.22	1.13	33	90	4.47	14.07	0.91	39	90		9.51	1.12	59	81	8	38.01	0.9
04-01-2025	59	90	NA	19.5	1.5	50	95	5.53	21.35	1.03	47	92	6.07	18.93	1.07	44	88		9.05	1.03	59	83	7.89	38.64	0.9
05-01-2025	59	95	NA	19.2	1.8	51	90	5.59	18.46	1.27	50	90	5.54	16.81	1.23	48	95		8.59	1.4	45	86	7.98	41.07	1.17
06-01-2025	54	90	NA	19.2	1.4	50	89	5.55	17.89	1.17	52	91	5.69	18.35	1.17	50	90		9.76	1.89	47	85	8.1	31.4	1.02
07-01-2025	52	93	NA	19.1	1.5	49	81	5.63	16.82	1.05	51	92	5.79	30.78	1.26	52	91		10	1.94	51	90	8.21	47.57	1.08
08-01-2025	50	93	NA	19.1	1.5	53	88	5.83	17.43	1.06	53	94	6.9	24.43	1.19	55	90		9.68	1.59	55	88	7.99	43.59	1.16
09-01-2025	56	94	NA	19.1	1.5	57	90	6.61	17.35	1.05	48	93	7.62	20.94	1.09	46	90		9.66	1.52	52	86	8.06	40.68	1.01
10-01-2025	59	91	NA	19.1	1.7	58	93	6.92	16.75	1.12	46	92	7.3	17.35	1.06	50	94		8.63	1.6	51	90	6.96	38.23	0.99
11-01-2025	55	90	NA	19.0	1.5	46	82	6.91	15.38	1.13	49	92	7.93	16.91	1.08	51	92		8.87	1.8	50	83	6.44	42.14	0.98
12-01-2025	51	96	NA	19.0	1.5	30	89	6.94	16.62	1.2	53	94	8.16	22.05	1.17	56	92		9.16	2.19	54	86	7.07	38.68	1.08
13-01-2025	52	85	NA	19.0	1.5	32	80	6.98	16.93	1.17	60	95	7.66	21.03	1.13	54	92		8.81	1.84	53	88	7.03	40.41	1.03
14-01-2025	58	90	NA	19.0	1.7	48	86	7.56	16.89	1.11	48	93	6.3	17.46	1.93	42	91		8.55	1.5	55	83	6.84	36.64	0.93
15-01-2025	56	91	NA	19.0	1.5	34	57	8.1	15.31	1.09	42	93	5.69	12.87	1.31	60	92		8.83	2.17	53	81	7.36	31.92	0.99
16-01-2025	51	90	NA	18.1	1.4	32	75	8.26	16.17	1.2	53	92	6.21	18.11	1.28	58	93		9.48	2.49	53	83	7.62	36.01	1.01
17-01-2025	57	95	NA	18.9	1.5	35	67	8.3	16.47	1.33	53	94	5.84	17.15	1.23	51	82		9.34	1.61	55	90	7.02	36.04	1.05
18-01-2025	53	90	NA	18.9	1.5	54	71	8.21	15.72	1.38	52	95	5.79	21.85	1.13	47	93		9.01	1.04	51	89	7.31	38.48	1.05
19-01-2025	50	92	NA	18.9	1.6	55	93	8.29	15.95	1.5	56	91	4.73	17.79	1.1	53	89		8.44	1.29	59	92	7.4	48.15	1
20-01-2025	50	81	NA	18.9	1.5	55	86	8.29	15.46	1.3	56	90	5.16	17.78	1.1	56	92		8.16	1.44	56	95	7.31	44.3	1.05
21-01-2025	58	93	NA	18.9	1.4	33	67	8.33	15.64	1.2	56	91	5.88	19.86	0.94	46	92		8.44	1.41	57	95	7.42	47.02	1.09
22-01-2025	49	87	NA	18.8	1.5	41	75	8.56	16.92	1.23	57	90	4.96	21.38	0.9	49	94		8.5	1.78	58	94	6.91	59.33	1.09
23-01-2025	46	92	NA	18.9	1.5	32	91	8.25		1.02	55	95	5.81	28.14	1.02	47	92		8.94	1.69	51	93	7.46	50.15	1.04
24-01-2025	50	93	NA	18.9	1.5	30	76	8.58		1.35	57	90	6.65	29.07	1.76	43	91		8.35	1.75	56	92	7.53	49.44	1.29
25-01-2025	57	95	NA	18.9	1.6	37	82	8.65		1.05	41	94	5.91	16.38	1.21	32	79		8.35	1.19	50	92	6.94	47.67	1.01
26-01-2025	54	87	NA	18.9	1.9	38	91	8.75		1.46	49	93	6.02	18.5	1.41	39	86		7.92	1.35	59	93	7.44	49.95	1.24
27-01-2025	50	92	NA	18.9	1.8	41	91	8.81		1.48	46	92	5.97	14.8	1.26	23	59		7.89	1.64	51	90	7.34	43.5	1.15
28-01-2025	57	92	NA	18.7	1.6	44	81	8.76		1.33	51	94	6.13	21.41	1.58						58	90	7.07	51.17	1.06
29-01-2025	48	94	NA	18.5	2.0	45	84	8.7		1.21	38	90	5.49	17.01	0.92						47	93	6.89	44.3	0.88
30-01-2025	54	86	NA	18.5	1.9	27	54	8.71		0.99	49	95	5.98	24.12	1.12						60	94	7.09	51.09	0.97
31-01-2025	58	95	NA	18.6	1.6	28	56	8.79		0.99	39	92	5.56	22.25	0.95						53	91	6.79	42.31	0.91
Max (µg/m3)	59	96	0	20	2	58	95	9	25	2	60	95	15	31	2	60	95	0	10	2	60	95	8	59	1
Min (µg/m3)	46	81	0	18	1	27	54	5	15	1	33	88	4	11	1	23	59	0	8	1	45	80	6	31	1
Average (µg/m3)	54	91	#DIV/0!	19	2	43	82	7	18	1	50	92	7	19	1	48	89	#DIV/0!	9	2	54	88	7	43	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to the Processor Under observation.

Noise level Month	Day Time	Night Time
Jan-25	66	65
Standards	< 75	< 70

Prepared By
Dr. P. P. Nandusekar
Manager (Environment)

Checked By
Satish Kumar Choudhary
General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:

a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple				Near Coke Oven Plant				Near Coa Gate				Near MSEB Substation				Near Dolvi Village			
	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-02-2025	40	76	NA	18.6	1.6	26	41	8.69	NA	0.8	35	92	5.36	19.85	0.8	37	89	12.84	9.01	1.21
02-02-2025	54	95	NA	18.6	1.6	24	54	8.69	NA	0.98	36	90	6.4	15.74	0.9	41	84	9.57	8.39	1.02
03-02-2025	59	85	NA	18.6	1.6	30	60	8.95	NA	1.1	35	79	5.49	22.52	0.9	32	91	8.63	8.54	1.65
04-02-2025	44	79	NA	18.6	1.6	24	50	9.03	NA	1.19	33	89	5.12	16.99	0.8	34	90	10.54	9.27	1.23
05-02-2025	52	90	NA	18.6	1.7	28	59	8.57	NA	0.97	46	95	5.68	20.42	0.9	40	92	8.53	10.82	0.6
06-02-2025	53	91	NA	18.5	1.8	27	60	8.58	NA	1.13	44	82	5.34	25.97	1.1	32	92	12.52	21.02	1.64
07-02-2025	55	93	NA	20.6	1.7	45	85	13.66	NA	1.28	43	95	6.08	20.9	1.5	26	90	15.32	8.89	1.74
08-02-2025	24	87	NA	18.7	1.9	49	89	20.45	NA	1.18	44	92	6.17	19.44	1.3	30	88	13.93	9.82	1.63
09-02-2025	50	80	NA	18.7	1.9	44	84	20.52	NA	1.04	45	88	5.39	21.66	1.1	43	77	15.5	8.72	1.24
10-02-2025	41	73	NA	18.7	1.9	54	61	18.04	NA	1.01	31	93	5.5	16.32	0.8	42	82	14.43	10.28	1.78
11-02-2025	50	77	NA	18.6	1.8	29	60	20.48	NA	0.89	39	95	6.14	29.12	0.9	39	90	13.72	9.72	1.2
12-02-2025	58	90	NA	18.6	1.7	28	75	19.8	NA	1.21	45	90	5.6	21.03	0.9	31	82	9.98	11.99	1.57
13-02-2025	52	92	NA	18.7	1.5	35	79	18.94	NA	1.07	42	85	5.23	20.29	0.9	42	88	7.68	11.58	1.02
14-02-2025	47	91	NA	19.1	1.3	40	87	13.57	NA	1.03	38	88	4.86	14.43	0.9	56	80	14.06	16.92	1.53
15-02-2025	59	93	NA	17.1	1.4	39	89	8.53	NA	1.13	35	86	6.27	16.87	0.9	50	83	10.16	15.2	1.58
16-02-2025	58	77	NA	16.6	1.4	39	80	9.04	NA	1.05	36	87	5.79	20.46	0.9	49	92	7.48	11.23	1.3
17-02-2025	45	87	NA	16.4	1.4	24	51	9.26	NA	1.01	32	81	4.93	12.67	0.8	37	91	6.96	12.8	1.38
18-02-2025	55	88	NA	16.4	1.4	30	64	8.36	NA	1.05	38	87	6.6	8.2	0.8	36	90	7.32	12.48	1.2
19-02-2025	50	94	NA	16.4	1.4	56	92	9.41	NA	0.99	35	88	7.18	9.22	0.8	56	93	7.34	11.63	1.53
20-02-2025	55	92	NA	16.4	1.4	58	82	9.06	NA	0.98	40	95	8.06	9.56	1	47	90	7.43	11.81	1.53
21-02-2025	54	91	NA	16.4	1.4	52	78	8.64	NA	1.1	41	92	6.93	15.24	0.9	57	91	7.97	11.8	1.75
22-02-2025	59	90	NA	16.3	1.5	57	95	8.37	NA	1.18	39	91	6.24	18.8	1	41	86	5.21	11.4	1.26
23-02-2025	47	85	NA	16.3	1.5	49	90	8.74	NA	0.99	35	94	7.55	9.97	1	44	84	5.38	10.35	1.5
24-02-2025	52	88	NA	16.3	1.5	56	96	8.53	NA	0.88	36	90	7.04	8.46	1.1	29	87	5.52	10.24	1.01
25-02-2025	57	86	NA	16.3	1.6	51	86	10.1	NA	0.96	37	91	7.46	9.83	1.7	31	89	4.96	10.29	0.66
26-02-2025	51	95	NA	16.2	1.6	58	96	13.34	NA	0.85	33	86	6.93	9.21	1.4	26	92	5.05	10.68	0.72
27-02-2025	56	94	NA	16.1	1.6	52	87	12.04	NA	0.93	34	88	7.26	9.54	1.4	26	91	5.01	10.55	0.84
28-02-2025	57	92	NA	16.1	1.6	55	94	11.14	NA	1.09	37	85	6.24	8.63	1	39	90	5	10	1
Max (µg/m3)	59	95	0	21	2	58	96	21	0	1	46	95	8	29	2	57	93	16	21	2
Min (µg/m3)	24	73	0	16	1	24	41	8	0	1	31	79	5	8	1	26	77	5	8	1
Average (µg/m3)	51	88	#DIV/0!	18	2	42	76	12	#DIV/0!	1	38	89	6	16	1	39	88	9	11	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to the Processor under observation

Noise level	Day	Night
Month	Time	Time
Feb-25	66	65
Standards	< 75	< 70



Prepared By

Dr. P. P. Nandusekar

Manager (Environment)



Checked By

Satish Kumar Choudhary

General Manager (Environment)

B. AMBIENT AIR QUALITY & FUGITIVE EMISSIONS:
a). AMBIENT AIR QUALITY(AAQ):

Location	Near Kasumata Temple					Near Coke Oven Plant					Near Goa Gate					Near MSEB Substation					Near Dolvi Village				
	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO	PM2.5	PM10	SO2	NOX	CO
01-03-2025	17	81	NA	16.1	1.5	35	82	11.2	NA	1.15	10	91	7.00	15.19	1.2	59	88	5.54	10.76	1.34	44	93	7.62	51.21	1.0
02-03-2025	29	80	NA	16.0	1.4	29	80	11.3	NA	0.94	50	82	7.85	10.72	1.14	43	88	5.39	10.6	1.84	31	85	7.89	37.71	0.87
03-03-2025	37	81	NA	16.1	1.4	49	86	11.11	NA	0.92	44	93	7.03	8.4	0.98	60	90	5.27	10.73	2.22	28	81	7.69	34.84	0.85
04-03-2025	19	83	NA	16.1	1.3	11	85	10.94	NA	1.13	44	97	8.16	11.63	0.98	54	92	5.39	11.53	2.49	23	92	7.72	39.57	0.87
05-03-2025	45	86	NA	16.1	1.3	23	88	10.95	NA	1.01	28	95	7.35	9.81	0.86	25	95	4.81	11.53	1.7	54	84	7.31	39.98	0.81
06-03-2025	47	85	5.4	16.0	1.1	17	90	10.84	NA	1.14	16	90	7.45	12.34	1.05	16	93	5.34	11.2	2.19	56	82	7.53	51.99	0.83
07-03-2025	41	90	4.4	15.9	1.1	49	88	14.79	NA	1.03	55	93	7.73	8.22	1.07	11	94	4.86	10.45	1.64	48	88	8.33	55.29	1.0
08-03-2025	13	88	3.6	15.9	1.2	45	95	13.1	NA	1.29	46	93	7.29	7.14	1.13	20	94	4.54	10.38	1.75	24	89	7.93	50.58	1.0
09-03-2025	36	86	3.2	15.9	1.2	33	91	3.38	NA	1.03	38	94	7.78	9.82	0.9	16	93	4.64	10.12	1.69	29	92	7.85	0.00	0.86
10-03-2025	58	90	2.5	15.9	1.2	56	91	4.45	NA	1.12	16	91	7.57	15.0	2.05	32	92	4.57	10.5	1.21	16	87	7.56	54.45	1.09
11-03-2025	56	83	2.0	15.9	1.7	45	90	7.29	NA	1.43	50	90	7.86	7.14	1.77	37	92	4.41	10.05	1.33	16	90	7.54	45.14	1.26
12-03-2025	25	86	1.3	15.8	1.5	31	90	6.72	NA	1.09	59	96	7.33	12.71	1.55	40	94	4.53	10.32	1.05	56	83	7.12	57.91	1.0
13-03-2025	48	88	3.4	15.8	1.5	10	94	5.49	NA	1.00	43	85	8.13	8.28	1.39	48	95	4.68	10.24	1.44	41	86	7.91	41.39	1.0
14-03-2025	16	83	5.8	15.8	1.3	18	92	5.94	NA	1.14	18	97	8.54	8.39	1.34	54	93	5.13	10.23	1.83	37	66	7.94	41.79	1.0
15-03-2025	38	81	6.0	15.8	1.2	46	96	5.89	NA	1.17	44	91	8.18	10.87	1.06	21	93	5.1	10.61	1.7	33	65	8.16	44.54	0.87
16-03-2025	56	83	5.8	15.8	1.2	27	91	6	NA	0.93	43	90	8.51	15.18	0.95	26	92	4.87	10.51	1.62	34	72	7.93	49.94	0.78
17-03-2025	51	90	5.8	15.7	1.2	25	92	6.22	NA	0.78	51	95	8.85	9.77	0.91	39	94	5.14	10.61	1.69	45	69	7.83	80.54	0.72
18-03-2025	12	89	5.3	15.8	1.0	40	92	6.34	NA	0.69	32	90	8.53	11.5	0.92	20	95	5.64	11.84	1.51	22	78	7.35	NA	0.74
19-03-2025	43	92	4.5	15.7	0.9	13	93	6.54	16.92	0.95	12	92	8.36	11.83	1.03	16	91	5.36	11.59	1.44	15	76	7.15	39.13	0.76
20-03-2025	45	91	3.8	15.7	0.9	18	82	6.86	29.82	0.91	28	81	8.53	14.15	0.94	15	90	5.29	11.47	2.31	22	90	7.73	56.78	0.74
21-03-2025	24	90	3.1	15.7	0.9	45	93	6.91	34.22	0.96	13	93	8.65	10.65	0.83	53	91	7.37	12.73	1.63	51	90	7.18	43.47	0.76
22-03-2025	31	90	2.3	15.7	0.9	58	91	7.13	22.97	0.74	36	87	8.68	10.61	0.64	13	90	7.89	11.18	1.03	17	49	7.62	39.57	0.62
23-03-2025	17	93	1.4	15.7	0.9	33	92	7.14	20.03	0.87	55	97	8.52	10.24	1.39	30	90	7.66	10.63	1.16	30	64	7.74	35.00	0.64
24-03-2025	35	92	2.8	15.7	1.2	25	92	7.01	17.42	0.81	52	93	8.61	5.54	0.89	29	93	7.82	11.73	1.97	52	62	7.73	36.29	0.82
25-03-2025	36	92	4.0	15.5	1.0	48	94	7.25	22.6	0.82	42	95	9.1	9.42	0.82	22	94	8.19	16.4	1.79	31	61	8.00	40.41	0.68
26-03-2025	51	93	3.8	15.5	1.1	37	92	7.27	19.39	0.74	19	87	8.76	7.58	0.59	32	93	8.01	25.14	2.04	41	42	7.37	32.39	0.57
27-03-2025	58	90	3.5	15.5	0.9	22	91	7.43	17.9	0.67	20	92	8.5	11.43	0.59	44	86	6.98	70.87	2.3	51	48	7.19	36.56	0.53
28-03-2025	59	90	3.2	15.5	0.8	31	79	7.37	19.35	0.71	56	92	8.97	9.19	0.65	51	92	7.00	NA	2.5	21	81	7.6	47.34	0.63
29-03-2025	44	93	2.5	15.5	0.9	18	86	7.45	32.4	0.86	10	94	9.36	13.79	1.11	47	81	9.28	NA	1.15	54	90	8.06	56.31	0.89
30-03-2025	25	94	1.7	15.5	1.3	23	59	7.55	26.05	1.42	29	86	8.53	6.59	1.16	46	80	18.32	NA	1.22	29	91	8.23	43.07	1.0
31-03-2025	54	91	1.2	15.5	1.7	59	80	7.62	15.21	1.09	43	95	8.34	5.68	1.34	32	90	16.81	NA	0.71	50	64	7.65	30.63	0.81
Max (µg/m3)	59	94	6	16	2	59	96	15	34	1	59	97	9	15	2	60	95	18	71	3	56	93	8	81	1
Min (µg/m3)	12	80	1	15	1	10	59	3	15	1	10	81	7	6	1	11	80	4	10	1	15	42	7	0	1
Average (µg/m3)	38	88	4	16	1	33	88	8	23	1	36	91	8	10	1	34	91	7	14	2	36	77	8	44	1
Standards	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4	60	100	80	80	4

Showing NA due to the Processor under observation

Noise level Month	Day Time	Night Time
March 2025	66	65
Standards	< 75	< 70



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 Checked By
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