



NATIONAL ALUMINIUM COMPANY LIMITED
ALUMINA REFINERY, DAMANJODI
ENVIRONMENTAL PARAMETERS FOR THE MONTH January-
2026

A.) AMBIENT AIR QUALITY :

SI No.	LOCATION	Value in microgram/m ³	
		PM ₁₀	PM _{2.5}
	NORM (microgram/m³)	100	60
1.	COMMUNITY CENTRE	95.36	45.70
2.	NALCO CLUB	93.28	46.88
3.	ANALABDI COLONY	90.64	43.60
4.	CISF BARRACK	88.90	46.12
5.	LABORATORY	83.77	45.11
6.	BANDHAGUDA	85.43	43.20
7.	TRANSIT HOUSE	82.92	42.98
8.	RMP	84.60	48.21
9.	ASH POND	83.68	47.86

B.) STACK ANALYSIS REPORT (BOILERS & CALCINERS):

BOILER-1	BOLIER-2	BOILER-3	BOILER-4	BOILER-5	CAL- A	CAL- B	CAL- C	CAL- D
NORM: 100 mg/Nm ³ for Boiler-1,2,3&4 and 50 mg/Nm ³ for Boiler-5					NORM: 50 mg/Nm ³			
99.45	--	99.59	99.59	49.49	33.00	29.00	31.00	29.00

C.) PLANT OUTLET STORM WATER DRAIN QUALITY:

SI No.	PARAMETERS	NORM	RESULT
1.	pH	5.5-9.0	7.87
2.	TSS (mg/ltr)	100	32.9
3.	Oil & Grease (mg/ltr)	10	0.20
4.	BOD (mg/ltr)	30	5.38
5.	COD (mg/ltr)	250	23.6

NB: Plant adopts "Zero Discharge" concept