



NATIONAL ALUMINIUM COMPANY LIMITED
ALUMINA REFINERY, DAMANJODI
ENVIRONMENTAL PARAMETERS FOR THE MONTH July-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	88.12	50.76
2.	NALCO CLUB	87.34	48.19
3.	ANALABDI COLONY	84.79	48.39
4.	CISF BARRACK	89.16	51.76
5.	LABORATORY	88.39	49.86
6.	BANDHAGUDA	82.66	48.59
7.	TRANSIT HOUSE	85.47	50.22
8.	RMP	92.78	51.79
9.	ASH POND	95.76	54.23

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			
99.71	99.63	99.55	99.63	--	21.00	20.00	22.00	29.00

C.) PLANT OUTLET STORM WATER DRAIN QUALITY:

SI No.	PARAMETERS	NORM	RESULT
1.	pH	5.5-9.0	7.23
2.	TSS (mg/ltr)	100	88
3.	Oil & Grease (mg/ltr)	10	5.39
4.	BOD (mg/ltr)	30	6.23
5.	COD (mg/ltr)	250	28.12

NB: Plant adopts "Zero Discharge" concept