



NATIONAL ALUMINIUM COMPANY LIMITED
ALUMINA REFINERY, DAMANJODI
ENVIRONMENTAL PARAMETERS FOR THE MONTH JUNE-2025

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	76.9	36.5
2.	NALCO CLUB	74.6	35.8
3.	ANALABDI COLONY	75.1	36.1
4.	CISF BARRACK	73.8	38.4
5.	LABORATORY	70.1	37.6
6.	BANDHAGUDA	69.8	37.9
7.	TRANSIT HOUSE	72.6	39.8
8.	RMP	76.1	40.8
9.	ASH POND	73.6	38.9

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			
96.62	97.73	97.91	97.93	---	21.00	18.00	26.00	28.00

C.) PLANT OUTLET STORM WATER DRAIN QUALITY:

SI No.	PARAMETERS	NORM	RESULT
1.	pH	5.5-9.0	7.38
2.	TSS (mg/ltr)	100	64
3.	Oil & Grease (mg/ltr)	10	0.29
4.	BOD (mg/ltr)	30	7.61
5.	COD (mg/ltr)	250	32.5

NB: Plant adopts "Zero Discharge" concept