



NATIONAL ALUMINIUM COMPANY LIMITED
ALUMINA REFINERY, DAMANJODI
ENVIRONMENTAL PARAMETERS FOR THE MONTH AUGUST-
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	77.65	38.54
2.	NALCO CLUB	71.24	37.64
3.	ANALABDI COLONY	73.61	35.26
4.	CISF BARRACK	70.19	38.04
5.	LABORATORY	69.47	37.51
6.	BANDHAGUDA	69.29	34.05
7.	TRANSIT HOUSE	68.34	36.84
8.	RMP	72.47	39.45
9.	ASH POND	72.94	38.72

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			
99.01	99.36	-----	99.98	49.81	25.00	22.00	26.00	19.00

C.) PLANT OUTLET STORM WATER DRAIN QUALITY:

SI No.	PARAMETERS	NORM	RESULT
1.	pH	5.5-9.0	7.59
2.	TSS (mg/ltr)	100	42
3.	Oil & Grease (mg/ltr)	10	0.26
4.	BOD (mg/ltr)	30	5.69
5.	COD (mg/ltr)	250	23.1

NB: Plant adopts "Zero Discharge" concept