



NATIONAL ALUMINIUM COMPANY LIMITED
ALUMINA REFINERY, DAMANJODI
ENVIRONMENTAL PARAMETERS FOR THE MONTH March-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	84.2	41.2
2.	NALCO CLUB	73.6	40.8
3.	ANALABDI COLONY	71.1	42.4
4.	CISF BARRACK	70.6	41.6
5.	LABORATORY	68.9	40.9
6.	BANDHAGUDA	66.2	41.2
7.	TRANSIT HOUSE	70.3	42
8.	RMP	74.1	43.8
9.	ASH POND	72.6	42.9

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			
--	98.70	98.50	97.36	49.48	28.00	25.00	24.00	27.00

C.) PLANT OUTLET STORM WATER DRAIN QUALITY:

SI No.	PARAMETERS	NORM	RESULT
1.	pH	5.5-9.0	7.24
2.	TSS (mg/ltr)	100	86
3.	Oil & Grease (mg/ltr)	10	0.46
4.	BOD (mg/ltr)	30	8.69
5.	COD (mg/ltr)	250	49.8

NB: Plant adopts "Zero Discharge" concept