



NATIONAL ALUMINIUM COMPANY LIMITED
ALUMINA REFINERY, DAMANJODI
ENVIRONMENTAL PARAMETERS FOR THE MONTH JAN.'2024

A.) AMBIENT AIR QUALITY :

Sl No.	LOCATION	Value in microgram/m ³	
		PM ₁₀	PM _{2.5}
	NORM (microgram/m³)	100	60
1.	COMMUNITY CENTRE	62.5	38.6
2.	NALCO CLUB	50.2	36.3
3.	ANALABDI COLONY	53.4	42.6
4.	CISF BARRACK	60.3	43.2
5.	LABORATORY	56.8	50.3
6.	BANDHAGUDA	53.4	36.8
7.	TRANSIT HOUSE	59.2	38.1
8.	RMP	48.6	38.4
9.	ASH POND	62.4	39.5

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

BOILER-I	BOLIER-2	BOILER-3	BOILER-4	BOILER-5	CALCINER-A	CALCINER-B	CALCINER-C	CALCINER-D
NORM: 100 mg/Nm³					NORM: 50 mg/Nm³			
-	95.41	94.95	93.83	46.35	21	24	28	19

C.) PLANT OUTLET STORM WATER DRAIN QUALITY :

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

NB: Plant adopts "Zero Discharge" concept