



NATIONAL ALUMINIUM COMPANY LIMITED
ALUMINA REFINERY, DAMANJODI
ENVIRONMENTAL PARAMETERS FOR THE MONTH JULY 2023

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	44.2	30.6
2.	NALCO CLUB	45.6	28.7
3.	ANALABDI COLONY	52.9	31.5
4.	CISF BARRACK	52.7	33.9
5.	LABORATORY	56.5	33.8
6.	BANDHAGUDA	53.6	38.7
7.	TRANSIT HOUSE	47.2	31.3
8.	RMP	71.4	33.4
9.	ASH POND	76.4	42.3

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

BOILER- I	BOLIER- 2	BOILER- 3	BOILER- 4	BOILER- 5	CALCINER- A	CALCINER- B	CALCINER- C	CALCINER- D
94.17	91.32	91.1	-	48.3	26	28	29	22

C.) P49.3LANT OUTLET STORM WATER DRAIN QUALITY :

SI No.	PARAMETERS	NORM	RESULT
1.	pH	5.5-9.0	7.72
2.	TSS (mg/ltr)	100	57
3.	Oil & Grease (mg/ltr)	10	0.41
4.	BOD (mg/ltr)	30	7.55
5.	COD (mg/ltr)	250	24.82

NB: Plant adopts "Zero Discharge" concept