



NATIONAL ALUMINIUM COMPANY LIMITED
ALUMINA REFINERY, DAMANJODI
ENVIRONMENTAL PARAMETERS FOR THE MONTH AUGUST 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	46.4	32.6
2.	NALCO CLUB	47.2	31.6
3.	ANALABDI COLONY	55.7	42.3
4.	CISF BARRACK	51.8	35.6
5.	LABORATORY	55.4	32.8
6.	BANDHAGUDA	51.6	38.6
7.	TRANSIT HOUSE	47.8	32.4
8.	RMP	70.5	36.1
9.	ASH POND	74.9	41.8

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

BOILER- I	BOLIER- 2	BOILER- 3	BOILER- 4	BOILER- 5	CALCINER- A	CALCINER- B	CALCINER- C	CALCINER- D
93.1	91.9	91.45	-	48.02	27	26	30	21

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

SI No.	PARAMETERS	NORM	RESULT
1.	pH	5.5-9.0	8.06
2.	TSS (mg/ltr)	100	61
3.	Oil & Grease (mg/ltr)	10	0.36
4.	BOD (mg/ltr)	30	7.4
5.	COD (mg/ltr)	250	25.6

NB: Plant adopts "Zero Discharge" concept