



NATIONAL ALUMINIUM COMPANY LIMITED
ALUMINA REFINERY, DAMANJODI
ENVIRONMENTAL PARAMETERS FOR THE MONTH
SEPTEMBER-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	79.59	40.65
2.	NALCO CLUB	74.21	42.51
3.	ANALABDI COLONY	75.32	39.65
4.	CISF BARRACK	72.47	41.37
5.	LABORATORY	71.26	39.45
6.	BANDHAGUDA	73.68	36.24
7.	TRANSIT HOUSE	70.25	38.56
8.	RMP	73.65	41.02
9.	ASH POND	75.46	47.61

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			
99.36	99.06	-----	99.32	49.18	16.00	22.00	16.00	25.00

C.) PLANT OUTLET STORM WATER DRAIN QUALITY:

SI No.	PARAMETERS	NORM	RESULT
1.	pH	5.5-9.0	7.38
2.	TSS (mg/ltr)	100	38
3.	Oil & Grease (mg/ltr)	10	0.21
4.	BOD (mg/ltr)	30	5.12
5.	COD (mg/ltr)	250	20.6

NB: Plant adopts "Zero Discharge" concept