नालको NALCO

NATIONAL ALUMINIUM COMPANY LIMITED

ALUMINA REFINERY, DAMANJODI

ENVIRONMENTAL PARAMETERS FOR THE MONTH February-2026

A.) AMBIENT AIR QUALITY :

Sl No.	LOCATION	Value in microgram/m^3	
		PM_{10}	$PM_{2.5}$
	NORM (microgram/m^3)	**100**	**60**
1.	COMMUNITY CENTRE	96.11	48.36
2.	NALCO CLUB	93.92	47.50
3.	ANALABDI COLONY	89.70	48.34
4.	CISF BARRACK	90.80	48.58
5.	LABORATORY	86.40	46.30
6.	BANDHAGUDA	87.30	45.62
7.	TRANSIT HOUSE	84.14	44.70
8.	RMP	88.36	49.10
9.	ASH POND	89.20	49.92

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

BOILER-I	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			
98.88	--	99.02	99.58	49.62	18.00	21.00	31.00	26.00

C.) PLANT OUTLET STORM WATER DRAIN QUALITY:

Sl No.	PARAMETERS	NORM	RESULT
1.	pH	5.5-9.0	8.1
2.	TSS (mg/ltr)	100	28.3
3.	Oil & Grease (mg/ltr)	10	0.25
4.	BOD (mg/ltr)	30	5.84
5.	COD (mg/ltr)	250	25.72

NB: Plant adopts "Zero Discharge" concept