



**NATIONAL ALUMINIUM COMPANY LIMITED**  
**ALUMINA REFINERY, DAMANJODI**  
ENVIRONMENTAL PARAMETERS FOR THE MONTH May-2026

**A.) AMBIENT AIR QUALITY :**

| SI No. | LOCATION                               | Value in microgram/m <sup>3</sup> |                   |
|--------|--|-----------------------------------|-------------------|
|        |  | PM <sub>10</sub>                  | PM <sub>2.5</sub> |
|        | <b>NORM ( microgram/m<sup>3</sup>)</b> | <b>100</b>                        | <b>60</b>         |
| 1.     | COMMUNITY CENTRE                       | 94.76                             | 51.01             |
| 2.     | NALCO CLUB                             | 93.60                             | 50.55             |
| 3.     | ANALABDI COLONY                        | 91.87                             | 50.16             |
| 4.     | CISF BARRACK                           | 93.79                             | 53.11             |
| 5.     | LABORATORY                             | 90.22                             | 49.94             |
| 6.     | BANDHAGUDA                             | 93.24                             | 52.81             |
| 7.     | TRANSIT HOUSE                          | 90.11                             | 50.35             |
| 8.     | RMP                                    | 95.37                             | 52.69             |
| 9.     | ASH POND                               | 96.80                             | 55.10             |

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

| BOILER-1   | BOILER-2 | BOILER-3 | BOILER-4 | BOILER-5 | CAL- A                      | CAL- B | CAL- C | CAL- D |
|--|----------|----------|----------|----------|-----------------------------|--------|--------|--------|
| NORM: 100 mg/Nm <sup>3</sup> for Boiler-1,2,3&4 and 50 mg/Nm <sup>3</sup> for Boiler-5 |          |          |          |          | NORM: 50 mg/Nm <sup>3</sup> |        |        |        |
| --   | 99.58    | 99.49    | 99.65    | 49.86    | 19.00                       | 19.00  | 19.00  | 22.00  |

**C.) PLANT OUTLET STORM WATER DRAIN QUALITY:**

| SI No. | PARAMETERS            | NORM    | RESULT |
|--------|-----------------------|---------|--------|
| 1.     | pH                    | 5.5-9.0 | 7.29   |
| 2.     | TSS (mg/ltr)          | 100     | 30.4   |
| 3.     | Oil & Grease (mg/ltr) | 10      | 0.42   |
| 4.     | BOD (mg/ltr)          | 30      | 7.35   |
| 5.     | COD (mg/ltr)          | 250     | 29.62  |

*NB: Plant adopts "Zero Discharge" concept*