

# AMRIT CEMENT LIMITED

November-2019

## STACK EMISSION MONITORING RESULTS

(Average Values)

| Sl. No. | Stack Attached To | Particulate Matter (mg/Nm <sup>3</sup> ) | SO <sub>2</sub> (mg/Nm <sup>3</sup> ) | NO <sub>2</sub> (mg/Nm <sup>3</sup> ) |
|---------|-------------------|--|---------------------------------------|---------------------------------------|
| 1       | Cement Mill       | 17.2                                     | -                                     | -                                     |
| 2       | Coal Mill         | 19.2                                     | -                                     | -                                     |
| 3       | Cooler E.S.P      | 24.8                                     | -                                     | -                                     |
| 4       | Primary Crusher   | 14.8                                     | -                                     | -                                     |
| 5       | CPP               | 37.2                                     | 526.9                                 | 259.8                                 |
| 6       | R.A.B.H           | 17.2                                     | 685.4                                 | 461.6                                 |

## AMBIENT AIR QUALITY MONITORING RESULTS

(Average Values)

| Stations<br>↓                           | Parameters<br>→ | Respirable Suspended Particulate Matter (µg/m <sup>3</sup> ) |                   | Gaseous Emission (µg/m <sup>3</sup> ) |                 |
|---|-----------------|--|-------------------|---------------------------------------|-----------------|
|   |                 | PM <sub>10</sub>   | PM <sub>2.5</sub> | SO <sub>2</sub>                       | NO <sub>2</sub> |
| Station#1 (Near Guest House)            |                 | 50.4   | 26.4              | ND                                    | 6.6             |
| Station#2 (MRSS 1 Near DN Plant)        |                 | 63.7   | 35.2              | ND                                    | 5.9             |
| Station#3 (MRSS 2 Near Primary Crusher) |                 | 66.2   | 33.5              | 6.2                                   | 8.5             |
| Station#4 (Near Main Gate)              |                 | 63.9   | 36.8              | 9.2                                   | 13.2            |

ND-Not Detected