

STAR CEMENT MEGHALAYA LIMITED

January – 2016

STACK EMISSION MONITORING RESULTS (Average Values)

| Sl. No. | Stack Attached To | Particulate Matter (mg/Nm ³) |
|---------|------------------------------|--|
| 1 | Limestone Crusher Bag Filter | 19.60 |
| 2 | Additive Crusher Bag Filter | 17.74 |
| 3 | Coal Mill | 19.72 |
| 4 | RABH | 28.29 |
| 5 | Cooler ESP | 23.17 |

AMBIENT AIR QUALITY MONITORING RESULTS (Average Values)

| Stations ↓ | Parameters → | Respirable Suspended particulate Matter (µg/m ³) | | Gaseous Emission (µg/m ³) | |
|-----------------------------------|--------------|--|-------------------|--|-----------------|
| | | PM ₁₀ | PM _{2.5} | SO ₂ | NO ₂ |
| Station #1 (Near Pump House) | | 59.49 | 38.59 | 7.17 | 10.34 |
| Station #2 (Near Worker Colony) | | 54.60 | 34.09 | 6.20 | 9.81 |
| Station #3 (Behind MPL DM Plant) | | 61.01 | 40.21 | 7.65 | 10.29 |
| Station #4 (Near Water Reservoir) | | 57.39 | 36.81 | 7.19 | 10.12 |
| Station #5 (Near Raw Mill Hopper) | | 53.15 | 32.26 | 6.15 | 7.79 |