



NABL ACCREDITED  
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ULR NO – TC51091800000936F

Format No. : EC/TRT/42/FM/04

### TEST REPORT

|  |   |
|--|---|
| Report Release Date : 20.11.2018               | Sample Ref. No.(ARF) : EC/ARF/29/181158   |
| Test Report No : EC/TR/42/11071                | Source of Sample : Cement Plant           |
| Type of Sample : Suspended Dust & Gases        | Sampling Date : 14.11.2018                |
| Sample Collected by : Mr. Ranjeet Yadav & Team | Period of Analysis : 19.11.18 to 20.11.18 |
| Sample Details : Fugitive Air                  | Sample Condition : Sealed & Preserved     |
| Name & Address : <b>Burnpur Cement Limited</b> | Remarks : ----                            |
| Patratu Industrial Area                        | Sample Drawn By : ECO CARE                |
| Patratu, Dist. Ramgar                          | Sampling Plan &                           |
| Jharkhand                                      | Procedure : EC/SOP/03/01                  |
|  | Deviation if any : None                   |

#### METEOROLOGICAL INFORMATION

|   |                           |         |   |                     |              |
|---|---------------------------|---------|---|---------------------|--------------|
| 1 | Average Temperature       | 22.6 °C | 2 | Barometric Pressure | 748 mm of Hg |
| 3 | Average Relative Humidity | 53.0 %  | 4 | Weather Condition   | Clear Day    |

#### 1. Sampling Location : Near Slag Drier Stock Yard ( Distance 9.2 Meter )

| Sl. No | Parameters  | Test Method             | Results                  |
|--------|---|-------------------------|--------------------------|
| 1      | Concentration of Particulate Matter (< 10 micron )            | IS : 5182 ( Part – 23 ) | 93.42 µg/M <sup>3</sup>  |
| 2      | Concentration of Suspended Particulate Matter ( ≥ 10 micron ) | IS : 5182 ( Part – 4 )  | 382.78 µg/M <sup>3</sup> |
| 3      | Concentration of SO <sub>2</sub>                              | IS : 5182 ( Part – 2 )  | 31.40 µg/M <sup>3</sup>  |
| 4      | Concentration of NO <sub>x</sub>                              | IS : 5182 (Part – 6)    | 35.09 µg/M <sup>3</sup>  |

#### 1. Sampling Location : Near Cement Mill ( Distance 9.4 Meter )

| Sl. No | Parameters  | Test Method             | Results                  |
|--------|---|-------------------------|--------------------------|
| 1      | Concentration of Particulate Matter (< 10 micron )            | IS : 5182 ( Part – 23 ) | 89.56 µg/M <sup>3</sup>  |
| 2      | Concentration of Suspended Particulate Matter ( ≥ 10 micron ) | IS : 5182 ( Part – 4 )  | 353.82 µg/M <sup>3</sup> |
| 3      | Concentration of SO <sub>2</sub>                              | IS : 5182 ( Part – 2 )  | 28.49 µg/M <sup>3</sup>  |
| 4      | Concentration of NO <sub>x</sub>                              | IS : 5182 (Part – 6)    | 33.65 µg/M <sup>3</sup>  |

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

Authorised Signatory  
**Nupur Chatterjee**  
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Dy Technical Manager