



**AMBIENT AIR QUALITY RESULTS**

<b>Name of Industry &amp; Address</b>	:	<b>M/s SHIVA CEMENT LIMITED Teleghana, Kutra, Sundargarh</b>
<b>Date of Monitoring</b>	:	<b>24-08-15</b>
<b>Date of Analysis</b>	:	<b>26-08-15</b>
<b>Reference No.</b>	:	<b>Air-25/ 15</b>

Pollutant	Concentration in Ambient Air			Protocol	Instrument used and Method of Measurement
	Main Gate	Office Building	Kiln Site		
	1	2	3		
Particulate Matter (PM <sub>10</sub> )	51.9	49.3	57.6	IS : 5182(Pt 23)	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Particulate Matter (PM <sub>2.5</sub> )	28.7	28.4	29.9	EPA Guideline	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Sulfur Dioxide (SO <sub>2</sub> )	10.8	11.4	12.5	IS : 5182(Pt 2)	Spectrophotometric Analysis (West-Gaeke Method)
Oxides of Nitrogen (NO <sub>x</sub> )	13.1	12.5	12.9	IS : 5182(Pt 6)	Jacob & Hochheiser Modified(Na-Arsenite) Method
Carbon Monoxide(CO)	359	344	376	NDIR	Non dispersive Infrared Spectrometry

Units: PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> & CO all in µg/m<sup>3</sup>

Permissible Standard) :  
100 µg/m<sup>3</sup> (for PM<sub>10</sub>)  
60 µg/m<sup>3</sup> (for PM<sub>2.5</sub>)  
80 µg/m<sup>3</sup> (for SO<sub>2</sub> & NO<sub>x</sub>)  
4000 µg/m<sup>3</sup> (for CO)

For Global Tech Enviro Experts Pvt. Ltd.

  
(Authorised Signatory)