

**GLOBAL TECH. ENVIRO EXPERTS PVT. LTD.**

(FORMERLY GLOBAL EXPERTS)

An ISO-9001:2008 Certified Company

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Name of Industry & Address : M/s SHIVA CEMENT LIMITED
Teleghana, Kutra, Sundargarh

Date of Monitoring : 28-01-16
Date of Analysis : 30-01-16
Reference No. : Air-56/15

Pollutant	Concentration in Ambient Air			NAAQS 2009 In $\mu\text{g}/\text{m}^3$	Protocol	Instrument used and Method of Measurement
	Main Gate	Office Building	Kiln Site			
	1	2	3			
Particulate Matter (PM_{10})	68.3	71.7	76.2	100	IS : 5182(Pt 23)	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Particulate Matter ($\text{PM}_{2.5}$)	37.5	42.3	46.1	60	EPA Guideline	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Sulfur Dioxide (SO_2)	9.9	10.1	11.4	80	IS : 5182(Pt 2)	Spectropho- tometric Analysis (West-Gaeke Method)
Oxides of Nitrogen (NO_x)	13.6	13.2	14.6	80	IS : 5182(Pt 6)	Jacob & Hochheiser Modified(Na- Arsenite) Method
Carbon Monoxide(CO)	402	361	417	4000	NDIR	Non dispersive Infrared Spectrometry

For Global Tech Enviro Experts Pvt. Ltd.

(Authorised Signatory)