



GLOBAL TECH. ENVIRO EXPERTS PVT. LTD.

(FORMERLY GLOBAL EXPERTS)
An ISO-9001:2008 Certified Company

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AMBIENT AIR QUALITY RESULTS

Name of Industry & Address : M/s SHIVA CEMENT LIMITED
Teleghana, Kutra, Sundargarh
Date of Monitoring : 23-02-16
Date of Analysis : 26-02-16
Reference No. : Air-57/ 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})	64.6	65.9	72.8	100	IS : 5182(Pt 23)	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Particulate Matter ($\text{PM}_{2.5}$)	36.1	37.4	43.2	60	EPA Guideline	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Sulfur Dioxide (SO_2)	10.2	10.4	10.9	80	IS : 5182(Pt 2)	Spectrophoto- metric Analysis (West-Gaeke Method)
Oxides of Nitrogen (NO_x)	12.7	12.4	13.2	80	IS : 5182(Pt 6)	Jacob & Hochheiser Modified(Na- Arsenite) Method
Carbon Monoxide(CO)	391	343	402	4000	NDIR	Non dispersive Infrared Spectrometry

For Global Tech Enviro Experts Pvt. Ltd.

(Authorised Signatory)