



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 : 25-06-16
Date of Analysis : 27-06-16
Reference No. : Air-11/16

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})	66.9	60.6	70.1	100	IS : 5182(Pt 23)	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Particulate Matter ($\text{PM}_{2.5}$)	39.4	35.9	41.8	60	EPA Guideline	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Sulfur Dioxide (SO_2)	9.5	9.6	10.9	80	IS : 5182(Pt 2)	Spectropho- metric Analysis (West-Gaeke Method)
Oxides of Nitrogen (NO_x)	14.1	14.0	15.2	80	IS : 5182(Pt 6)	Jacob & Hochheiser Modified(Na- Arsenite) Method
Carbon Monoxide(CO)	411	389	492	4000	NDIR	Non dispersive Infrared Spectrometry

For Global Tech Enviro Experts Pvt. Ltd.


(Authorised Signatory)