

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

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

C-23, BJB Nagar,  
Bhubaneswar-751014  
Ph.: 0674-2436853  
Fax:- 0674-2433487  
E-mail- [globalexerts@rediffmail.com](mailto:globalexerts@rediffmail.com)  
[globalexerts@gmail.com](mailto:globalexerts@gmail.com)  
[consult@globalexerts.in](mailto:consult@globalexerts.in)  
visit us: [www.globalexerts.in](http://www.globalexerts.in)


**AMBIENT AIR QUALITY RESULTS**

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

Date of Monitoring : 27-04-16  
Date of Analysis : 29-04-16  
Reference No. : Air-01/16

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 ( $\text{PM}_{10}$ )	67.3	71.7	79.5	100	IS : 5182(Pt 23)	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Particulate Matter ( $\text{PM}_{2.5}$ )	36.9	42.5	47.1	60	EPA Guideline	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Sulfur Dioxide ( $\text{SO}_2$ )	9.6	9.5	10.6	80	IS : 5182(Pt 2)	Spectrophoto- metric Analysis (West-Gaeke Method)
Oxides of Nitrogen ( $\text{NO}_x$ )	13.8	13.4	15.7	80	IS : 5182(Pt 6)	Jacob & Hochheiser Modified(Na- Arsenite) Method
Carbon Monoxide( $\text{CO}$ )	413	382	471	4000	NDIR	Non dispersive Infrared Spectrometry

For Global Tech Enviro Experts Pvt. Ltd.

  
(Authorised Signatory)