



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
globalexerts@gmail.com
consult@globalexerts.in
visit us: www.globalexerts.in

AMBIENT AIR QUALITY RESULTS

Name of Industry & Address	:	M/s SHIVA CEMENT LIMITED Teleghana, Kutra, Sundargarh
Date of Monitoring	:	27-04-15
Date of Analysis	:	29-04-15
Reference No.	:	Air-05/15

Pollutant	Concentration in Ambient Air			Protocol	Instrument used and Method of Measurement
	Main Gate	Office Building	Kiln Site		
	1	2	3		
Particulate Matter (PM ₁₀)	83.4	78.6	90.7	IS : 5182(Pt 23)	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Particulate Matter (PM _{2.5})	49.5	45.8	53.4	EPA Guideline	Fine Particulate Sampler SLE/FPS 105 and Gravimetric
Sulfur Dioxide (SO ₂)	11.5	10.9	12.4	IS : 5182(Pt 2)	Spectrophotometric Analysis (West-Gaeke Method)
Oxides of Nitrogen (NO _x)	15.2	14.1	15.8	IS : 5182(Pt 6)	Jacob & Hochheiser Modified(Na-Arsenite) Method
Carbon Monoxide(CO)	457	389	421	NDIR	Non dispersive Infrared Spectrometry

Units: PM₁₀, PM_{2.5}, SO₂, NO_x & CO all in µg/m³

Permissible Standard) :
100 µg/m³ (for PM₁₀)
60 µg/m³ (for PM_{2.5})
80 µg/m³ (for SO₂ & NO_x)
4000 µg/m³ (for CO)

For Global Tech Enviro Experts Pvt. Ltd.

(Authorised Signatory)