



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

STACK MONITORING RESULT

Name of Industry & Address	:	M/s SHIVA CEMENT LIMITED Teleghana, Kutra, Sundargarh
Stack Pattern	:	Circular
Date of Monitoring	:	27-06-15
Date of Analysis	:	29-06-15
Reference No.	:	Stk-14/ 15

Sl. No.	Parameters	(Result)				Protocols
		Cement Mill	Kiln	Coal Mill	Raw Material Mill	
1	Particulate Matter (PM) in mg/Nm ³ .	87.2	83.7	79.2	81.8	IS:11255 (Pt 1)
2	Flue Gas Temperature (°C) T _s	34.7	105.8	33.8	33.2	IS:11255 (Pt 3)
3	Flue Gas Velocity (m/s)	4.0	5.4	3.8	3.6	IS:11255 (Pt 3)
4	Ambient Temperature (T _a)	33.6	30.4	33.7	33.1	-
5	Height of H ₂ O Column in mm	1.36	2.04	1.22	1.09	-
6	Carbon Monoxide (CO) in ppm	-	97	-	-	IS:13270/GC
7	Carbon Dioxide (CO ₂) in %	-	8.5	-	-	IS:13270/GC
8	Oxygen (O ₂) in %	-	15.6	-	-	Orsat Apparatus
9	Sulfur Dioxide (SO ₂) in ppm	-	0	-	-	IS:11255 (Pt 2)
10	Oxides of Nitrogen (NO _x) in ppm	-	16	-	-	IS:11255 (Pt 7)

Sampling Instrument : Stack Monitoring Kit VSS-I & Flue Gas Analyzer (Quintox)

Permissible Standard for PM: 150 mg/ Nm³.

For Global Tech Enviro Experts Pvt. Ltd.

(Authorised Signatory)