



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. Khatkurbahal Limestone Mines Khatkurbahal, Kutra, Sundargarh |
| Date of Monitoring | : | 22-09-15 |
| Date of Analysis | : | 25-09-15 |
| Reference No. | : | Air-30/15 |

| Pollutant | Concentration in Ambient Air | | Protocol | Instrument used and Method of Measurement |
|---|------------------------------|---------------------|------------------|--|
| | Office Site (South) | Mining Site (North) | | |
| | 1 | 2 | | |
| Particulate Matter (PM ₁₀) | 41.3 | 43.8 | IS : 5182(Pt 23) | Fine Particulate Sampler SLE/FPS 105 and Gravimetric |
| Particulate Matter (PM _{2.5}) | 23.4 | 23.7 | EPA Guideline | Fine Particulate Sampler SLE/FPS 105 and Gravimetric |
| Sulfur Dioxide (SO ₂) | 10.2 | 10.4 | IS : 5182(Pt 2) | Spectrophotometric Analysis (West-Gaeke Method) |
| Oxides of Nitrogen (NO _x) | 10.5 | 10.7 | IS : 5182(Pt 6) | Jacob & Hochheiser Modified(Na-Arsenite) Method |
| Carbon Monoxide(CO) | 299 | 301 | 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)