



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
www.globalexerts.in

ANALYSIS REPORT OF DRINKING WATER

| | | |
|----------------------------|---|--|
| Name of Industry & Address | : | M/s SHIVA CEMENT LIMITED Teleghana, Kutra, Sundargarh |
| Date of Sampling | : | 22-09-15 |
| Date of Analysis | : | 25-09-15 |
| Reference No. | : | DW-30/15 |

| Sl. No. | Parameters | Unit | Drinking Water from Workshop | Desirable Limits as per IS:10500 (Max) |
|---------|--|------------------|------------------------------|--|
| 1. | pH | - | 6.94 | 6.5 - 8.5 |
| 2. | Colour | Hazen | 1.5 | 5 |
| 3. | Odour | Un Objectionable | UO | UO |
| 4. | Taste | | Agreeable | Agreeable |
| 5. | Turbidity | NTU | 2 | 5 |
| 6. | Total Hardness as CaCO ₃ | mg/l | 108 | 300 |
| 7. | Iron as Fe | mg/l | 0.12 | 0.3 |
| 8. | Chloride as Cl | mg/l | 6.6 | 250 |
| 9. | Residual Chlorine | mg/l | ND | 0.2 |
| 10. | Total Dissolved Solid | mg/l | 143 | 500 |
| 11. | Calcium as Ca | mg/l | 36.9 | 75 |
| 12. | Magnesium as Mg | mg/l | 3.9 | 30 |
| 13. | Copper as Cu | mg/l | <0.001 | 0.05 |
| 14. | Manganese as Mn | mg/l | <0.001 | 0.1 |
| 15. | Sulphate as SO ₄ | mg/l | 14.2 | 200 |
| 16. | Nitrate as NO ₃ -N | mg/l | 0.88 | 45 |
| 17. | Fluoride as F | mg/l | 0.16 | 1.0 |
| 18. | Phenolic Compound C ₆ H ₅ OH | mg/l | ND | 0.001 |
| 19. | Mercury ad Hg | mg/l | <0.001 | 0.001 |
| 20. | Cadmium as Cd | mg/l | 0.001 | 0.01 |
| 21. | Selenium as Se | mg/l | ND | 0.01 |
| 22. | Arsenic as As | mg/l | <0.001 | 0.02 |
| 23. | Cyanide as CN | mg/l | ND | 0.05 |
| 24. | Lead as Pb | mg/l | 0.002 | 0.5 |
| 25. | Zinc as Zn | mg/l | 0.003 | 5 |
| 26. | Anionic Detergent as MBAS | mg/l | ND | 0.2 |
| 27. | Chromium as Cr ⁺⁶ | mg/l | 0.001 | 0.05 |
| 28. | Mineral Oil | mg/l | ND | 0.01 |
| 29. | Pesticide | mg/l | Absent | Absent |
| 30. | Aluminium as Al | mg/l | 0.002 | 0.03 |
| 31. | Boron as B | mg/l | 0.003 | ~1 |

*ND- Not Detectable

For Global Tech Enviro Experts Pvt. Ltd.


Authorized Signatory