

| ORISSA POWER GENERATION CORPORATION LTD | | | | | | | |
|---|------------|-----------|-----------|-------------|-----------|-----------|--------|
| IB THERMAL POWER STATION | | | | | | | |
| ENVIRONMENTAL MONITORING REPORTS | | | | | | | |
| Period- January 2010 | | | | | | | |
| STACK EMISSION | | | | | | | |
| PARAMETER | Limit | STACK 1 | | NORM | STACK 2 | | Remark |
| | | MAX. | MIN. | | MAX. | MIN. | |
| SPM (mg/Nm3) | 150 | 140 | 135 | 150 | 140 | 125 | |
| SOx (PPM) | NA | 463 | 410 | NA | 466 | 419 | |
| NOX (PPM) | NA | 231 | 186 | NA | 237 | 201 | |
| AMBIENT AIR QUALITY | | | | | | | |
| Parameter | Limit | MAX. | | MIN. | | Remark | |
| PM ₁₀ (ug/m3) | 100 | 94 | | 76 | | | |
| SO ₂ (ug/m3) | 80 | 21 | | 13 | | | |
| NO ₂ (ug/m3) | 80 | 42 | | 22 | | | |
| NOISE | | | | | | | |
| | INDUSTRIAL | | | RESIDENTIAL | | | Remark |
| | Station 1 | Station 2 | Station 3 | Station 1 | Station 2 | Station 3 | |
| Limit(Day) | 75dBA | | | 55dBA | | | |
| Day, dBA | 64 | 55 | 62 | 48 | 40 | 42 | |
| Limit(Night) | 70dBA | | | 45dBA | | | |
| Night, dBA | 59 | 48 | 52 | 39 | 38 | 38 | |
| INDUSTRIAL EFFLUENT | | | | | | | |
| Effluents reused inside plant after required treatment. | | | | | | | |
| ASH UTILIZATION | | | | | | | |
| Month, % | | | | 30.6 | | | |
| Year to Day, % | | | | 21.1 | | | |

U.K Pahi
Manager(EHS)