

**Jindal Steel & Power Limited**

**T.R.B. Iron Ore Mines**

**Tensa, Sundargarh**

**THERMOL-D Trial Conducted By - ABHITECH ENERGYCON LTD , Mumbai**

**Summary Of Thermol D Trial**

| Sr | Equipment Name | Equipment Make | Base | Total Running | Total Diesel Consumed | Liter Per Hour | Saving |
|----|----------------|----------------|------|---------------|-----------------------|----------------|--------|
|    |                |                |      | Rn Hrs        | Liter                 | LPH            | %      |
| 1  | Excavator      | Tata Hitachi   | Pre  | 60.10         | 2246                  | 37.37          | 5.45   |
|    |                |                | Post | 75.90         | 2682                  | 35.34          |        |
| 2  | Excavator      | Komatsu        | Pre  | 101.00        | 7980                  | 79.01          | 5.83   |
|    |                |                | Post | 122.00        | 9077                  | 74.40          |        |
| 3  | Loader         | Komatsu        | Pre  | 108.90        | 4210                  | 38.66          | 8.21   |
|    |                |                | Post | 112.50        | 3992                  | 35.48          |        |
| 4  | Dozer          | CAT            | Pre  | 67.80         | 2290                  | 33.78          | 9.99   |
|    |                |                | Post | 62.50         | 1900                  | 30.40          |        |
| 5  | Dumper         | Hindustan      | Pre  | 56.90         | 1094                  | 19.23          | 10.64  |
|    |                |                | Post | 49.30         | 847                   | 17.18          |        |

|                                |             |
|--------------------------------|-------------|
| <b>Average Diesel Saving %</b> | <b>8.03</b> |
|--------------------------------|-------------|

Mines:  
Rao's End  
S. N. RAO  
S. N. RAO

Chitta Ranjan Sahu (Rao)  
3/5/18

For, Jindal Steel & Power Ltd.

*[Signature]*  
N. Misra

Anup Son  
5/5/18

Shankar Lal  
03/05/18

For, Abhitech Energycon Ltd.