

## **ANNEXURE- I**

### **Preventive and Breakdown Maintenance of Elevators in TCB and NTB**

#### **Scope of work.**

1. Check the batteries.
2. Inspect the electrical wiring
3. Check the key switch.
4. Check the ground control override
5. Check the platform self-levelling.
6. Check the drive brake.
7. Check the drive speed stowed position.
8. Check the alarm package.
9. Check the turntable rotation top.
10. Checking the emergency stop in all limit switches.
11. Check the electrical contractors.

#### **MECHANICAL**

1. Check the tyre wheels and Lug Nut torque.
2. Check the proper brake configuration.
3. Check oil level in drive hub and mounting bowl .
- 4 . Perform hydraulic oil analysis.
5. Grease the platform over load Mechanism.
6. Check the platform overload system.
7. Check the primary Boom wears pads. .
- 8 Check the freewheel configuration.
9. Check the turntable rotation Bearing Bolts.
10. Check the drive hub oil.
11. Check the hydraulic tank Return filter elements.
12. Check the turntable-bearing wear.
13. Check the grease the steering axle wheel bearing.

If during preventive or breakdown maintenance any part is found damaged, it has to be replaced and material is in scope of BHEL.

Total number of preventive maintenance in a year of 13 no elevator in 52. Preventive maintenance of each elevator is to be done for 04 times in year according to list and schedule of Elevators as per annexure-II. If any elevator is reported under The breakdown at any point the time ,the contractor have to detained their staff and attend all the pending breakdown After 16.00 hours and after I A.M and on Sunday and holiday also. BHEL will not pay anything extra to compensate it. It will be on contractors account only.

**ENGR (FRX)**