



NTPC-MAITI BARKAGAON PRIVATE INDUSTRIAL TRAINING INSTITUTE

BARKAGAON, HAZARIBAGH

File Reference No: - DGT-6/34/5/2015-TC (PR20000210)

Run & Managed by

*"Jharkhand Government Mini Tool Room & Training Centre, Ranchi
Tatisilwai Industrial Area, Plot No: 38, Phase-I, Ranchi-835103"*

Training course-General Electrical Engg. Maintenance



Content/Syllabus-

1. Identify trade tools & machineries –Theory (10hr)
2. Practice safe method of lifting & handling of tools & equipments-Practical (05hr)
3. General types of electrical equipments maintenance-Practical (03hr)
4. Practice on routine, care / maintenance & testing of battery -Practical (05hr)

5. Verify terminals, Identify component of single ,three phase Transformer-Practical (05)
6. Practice of general maintenance of transformer-Practical (05hr)
7. Practice on winding of small transformer-Practical (05hr)
8. Perform testing of transformer oil-Theory (3hr)
9. Execute testing & maintenance of DC machines & motor starter-Practical (10hr)
10. Execute testing & maintenance of AC motors & starter-Practical (05hr)
11. Execute testing & maintenance of Alternator/MG set—Practical(05hr)
12. Detect the faults & maintenance of inverter, stabilizer, battery charger, Emergency light & UPS etc. –Theory (10hr)