



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- Motor winding & fan Winding



Content/syllabus:-

01. Working /Introduction For different method of starting & running of various single phase A.C motor-Theory (04 hr)
02. Domestic & Industrial applications of different single phase A.C motor-Theory (05hr)
03. Identify parts & terminals of different types of Single AC motor-practical (05hr)
04. Install ,concept & determine performance of single phase AC motor-practical (10hr)
05. AC m/c winding: - Motor winding terminology, classification of conducting & insulating materials use in winding-practical (15hr)
06. Types & method of winding in single phase motor-practical (20hr)
07. Working principle & construction of three phase induction motor –Theory (03hr)
08. Identify parts & terminals of three phase AC motor-Theory (03hr)
09. Make an internal connection of DOL starter with three contactors-practical (06hr)

10. Connect ,start & run three phase induction motor by using star-delta & auto-transformer starters-practical(15hr)