

## **JOB DESCRIPTION OF ELECTRICIAN**

- **Safe use of Cables & Wires, Crimping**
- **Making small electrical circuits**
- **Soldering**
- **Testing & connecting domestic electrical Appliances**
- **Full knowledge about Dry cells, Batteries**
- **Use of Tap & dies**
- **Assembly/ winding of electromagnet**
- **Identification, testing, Dismantling of parts of D.C. Generator**
- **Building Voltage in D.C. Generator**
- **Use of Megger**
- **Connecting Shunt Generator, compound Generator**
- **Study, Running of D.C. Motors**
- **Using starters, Tachometer**
- **Practice of wiring in T.R.S., P.V.C. wires on T.W. Battens.**
- **Repairing & Testing of domestic electrical Appliance**
- **Carrying out wiring circuits, Repair of domestic wiring**
- **Working on poly phase circuits**
- **Use & knowledge of Transformers, C.T., P.T.**
- **Using, Dismantling, Assembling of Different type of Induction motor**
- **Using Millimeter, wattmeter, Energy meter, Frequency meter**
- **Use of neon, Sodium, Halogen Lamps, Decoration Lighting**
- **carrying out Earthing**
- **Conduit wiring**
- **Basic knowledge of Carpentry**
- **Basic knowledge of Sheet metal Work**
- **Winding & Rewinding D.C. & A.C. machines**
- **Knowledge of M.G. set**
- **Overhauling of D.C. & A.C. machines**
- **Repair of Domestic & Agricultural Electrical Equipments**
- **Repairing of lighting & Horn Circuits**
- **Installation & Repairing Rectifier**
- **Knowledge about electronics**
- **Assembling, Testing, Rectification of simple power supply circuit, Amplifiers & control circuits**
- **Fault finding in simple electronic circuits & controls**
- **Carrying out Lighting & power as per I.E. rules & test**
- **Connect, run & Load DC & AC generators, Motors. Their testing and rectifying faults**
- **Carry out armature winding**
- **Finding & rectifying faults in Auto wirings**
- **Carrying out commercial lighting for decoration**
- **Able to draw & understand engineering drawing**