

MANOJ G. BHOR

Electrical Engineer

✉ manojbhor029@gmail.com

☎ 7208574049



Profile

A Service Engineer, having above **2.5+ years** experience in the field of Woodward make turbine governing system. Also hands-on Knowledge in **Electrical System Design Engineering**, ambitious to work as a Design Engineer for challenging environment like Power Plants of Manufacturing & Processing industries.

Professional Experience

❖ **Sicagen India Ltd.**

[Sept 2015 – Present]

Designation: Service Engineer

Functional Area: Maintenance, Commissioning & Troubleshooting.

Roles & Responsibilities:

- Commissioning of Woodward make Electronic Speed Controllers for various turbine & DG sets.
- Technical support for Retrofit of Speed Controllers.
- Testing, overhauling and calibration of Woodward make Governors used for engine & steam turbine control system.
- Attending field service to resolve problems on various power plants.
- Inhouse overhauling of Governors and Actuators.

Technical Skills & Software Competency

Successfully completed **PGD in Electrical System Design Engineering** from Texvyn Technologies, Navi Mumbai –

- **Basic Engineering** like preparation of SLDs, Design basis, Selection of equipment, Equipment Sizing & Data Sheet of Electrical Equipment, Protection Scheme.
- Understanding of Large Scale Project execution from **FEED** engineering till **commissioning**.
- **Design Calculations** likes Cable Sizing Calculations, Transformers Sizing Calculations, Earthing Calculations, Switchgear Sizing, Battery Sizing, UPS Sizing Calculations etc.
- Electrical equipment studied are Transformers, Switchgears, Battery, Battery Chargers, UPS, Rotating machines like Motors, Generators.
- Softwares – Proficient with ETAP 12.0, AutoCAD Electrical, Lighting Design software DILux Version: 4.7 & CG Lux, Command on MS Office Tools.

Internship

❖ **Larsen & Toubro Ltd.**

[15 Dec 2010 – 13 Dec 2011]

(Quality Control, Air Circuit Breaker Division)

- Worked at manufacturing level in Quality Control department of Air Circuit Breaker.
- Visual, Electrical and Functional Testing of all manufactured ACBs as per relevant International Standard and Factory Quality Management System (QMS) Procedures.

❖ **EMU Railway Carshed, Kurla**

[30 Dec 2013 – 04 Jan 2014]

Operation & Maintenance, Workshop

Academic Qualification

- B.E. in Electrical Engineering **[2012-15]**
A.C. Patil College of Engg. (University of Mumbai) First Class (63%)
- Diploma in Electrical Engineering **[2008-12]**
V.J.T.I., Mumbai Distinction (87.75%)
- S.S.C **[2008]**
I.C.L. High School (Maharashtra Board) Distinction (89.69%)

Academic Projects

❖ **B.E.** Battery charging using renewable and non-conventional energy resources.

This project focuses on charging the DC battery by integrating the above sources and make use of that energy by converting it into users convenient form.

Key Professional Skills

- Strong technical knowledge with actual field experience.
- Firsthand experience of working in industrial atmosphere.
- Acquired soft skills and professional ethics.

Personal Details

- Address : B-201, Pandurang Krupa CHS, Plot A-96/97/98, Sec-19A, Kopar Khairane, Navi Mumbai- 400 709
- Date of birth : 29th August 1992
- Languages Known : English, Hindi, Marathi

Declaration

I hereby declare that the above mentioned details are true as per my belief and knowledge.