

## GOKULRAJ MATHESWARAN

3-16/10-A, Thottakadu,  
Konganapuram,  
Salem- 6371 02  
+91-8675042363  
[gokulsabarieee@gmail.com](mailto:gokulsabarieee@gmail.com)  
[gokulsabarieee@yahoo.com](mailto:gokulsabarieee@yahoo.com)



### EMPLOYMENT & EXPERIENCE

#### Energy Control Corporation: Assistant Engineer (Design)

14<sup>th</sup> July 2014 to 13<sup>th</sup> Jun 2016

#### Coimbatore, Tamil Nadu.

- Prepared SLD, GA and Schematics as per given loads and designed the PCC, MCC and all type of distribution boards with the suitable CU/AL Bus bar ratings.
- Designed the Point of Supply, Power room, Generator room, Transformer yard, earthling, cable trench & cable tray for the Garments, Textile Show rooms, Spinning Mill, Solar power plants, Multi Storied Buildings, Foundries, Etc.,
- Selected, Installed and commissioned of Industrial power distribution system like transformers, DG, HT & LT Switchgear panels based on rating and breaking capacity, Cables under the short circuit and voltage drop calculations.
- Prepared the drawings for Inspectorate approval and got a safety certificate, wrote a technical reports and calculations under IS, IEC norms.
- Preparing of pre-qualification documents in what relates to Electrical engineering design (preparation of calculations notes, specifications, data sheets, reports, material requisitions, etc, as defined by the Lead Discipline Engineer).
- Preparation of Electrical and Instrumentation BOM (Selection of Cables, Cable glands, Lugs, Cable Trays, Junction Box, Earthling)

#### Projects handled:

- Designed and erected the Industrial power system and HV/LV panels for **K.P.R Mills Limited, Thekkalur, Cbe, TN**
- Designed and erected the 25KWp solar power system and panels for **Amar Metering Pvt Ltd, Coimbatore.**
- Electrical liasioning, worked for **Unicorn Valves Private Limited, Coimbatore, Tamil Nadu.**

#### SALEM STEEL PLANT: GRADUATE APPRENTICE TRAINEE

16<sup>th</sup> JUN 2016 TO 15<sup>th</sup> JUN 2017

#### (Hot Rolling Mill – SAIL)

#### Skill Summary

- Maintenance of Thickness Guages Control system (IMS Entry & Exit Side)
- Installation and maintenance of field Sensors like Tempo sonic, Proximity Switches ,Pressure transducer.
- Installation of digital motor protection relays (DMPR) for motor above 5.5kw
- Installation and maintenance of Hot metallic detectors(HMD).
- Erection and Commissioning of Junction Boxes, Distribution Boards
- Erection ,Testing and Commissioning of HPSV Lamps , LPSV Lamps ,LED Fittings and Tube light Fittings etc.,

#### Job Responsibilities

- Job Planning & Execution as per Preventive maintenance schedule.
- Man power allocation for the scheduled maintenance and Carrying out routine scheduled maintenance work and responding to equipment failure.
- Involved in capital shut down activities, Diagnosing the equipment break down.
- Maintaining critical spares for the machines , Monitoring and controlling maintenance cost as per required.
- Dealing with emergencies, unplanned breakdowns and repairs.
- Maintaining the break down records and analysis the root cause for failure.

### EDUCATIONAL QUALIFICATION

- Graduated in **B.E., (Electrical & Electronics Engineering)** from Anna University, Chennai with a CGPA of **7.7/10**
- Completed **Higher Secondary School(HSC)** from STATE BOARD,Attur with a percentage of **85.25%**  
Completed **Secondary School Leaving Certificate (SSLC)** from STATE BOARD, Thiruchengode with a % of **90.1%**

### SOFTWARE SKILLS

**Design tools:** Auto CAD,

**Office tools:** MS Office & Open Office

**Operating Systems:** Windows 10, 8, 7

### DECLARATION

I hereby declare that the information furnished above is true, correct and complete to the best of my knowledge.

Thank You,

Place:

Date:

Yours truly,  
GOKULRAJ M