**ELECTRICAL ENGINEER**

**SURESH. A**

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**CAREER OBJECTIVE:**

To obtain a permanent position in the Electrical controls and automation engineering field in a company where I may utilize my skills and education in the success of the company and also achieve professional growth.

**TECHNICALSKILLS:**

* Operation and Power Monitoring works of 33 kV/433 volts.
* Knowledge of Electrical circuit diagram concepts.
* Operation and Maintenance VCB Make System Control.
* Operation and Maintenance of Siemens ACB – Breakers.
* Hardware configuration knowledge of Ge-fanuc, Mitshibishi & Siemens (s7-200,300).
* Knowledge of Assembly & Testing Lines machineries.
* Testing Commissioning of H.T and L.T. Motors & Transformers.
* Knowledge of PLC & CNC machines.
* Knowledge of Servo drives.
* Programming & Troubleshooting knowledge.
* BOM Preparation and Selection & Stock maintenance of electrical spare parts.
* Planning, Installation & Commissioning the Semi Automatic & SPM machinery.
* Preparation of Budget for maintenance activities.
* Planning of Shutdown Activities.
* Working towards improving MTTR & reducing MTBF through Kaizen and Quality control circles (QCC) activities.
* Maintaining & updating machine history cards.
* Maintaining & updating records related to TS16949, ISO 14001.
* Responsible of conduct safety audit and finds & rectify the abnormality.
* Responsibility for 5S audit & taking actions to improve 5S score.
* Responsible for Kaizen, QCC & 5s.

**EXPERIENCE:**

* **Fuso India Pvt. Ltd. Sep 2011 – Till date**

**Sr. Electrical Engineer**

* Operation and Power Monitoring works of 33 kV/433 volts.
* North Glass Tempering Electrical Furnace, Glass Tech Tempering Electrical Furnace, Humam Bending Tempering Electrical Furnace & Glass Bending Electrical Furnace Erections & Maintenance
* Glass Field Machineries Erections & Maintenance.
* Diesel Generator 360 KVA Operation & Maintenance.
* Maintenance of VCB and ACB Operation & Maintenance Glass Field Machineries Erections & Maintenance.
* Troubleshooting knowledge of CNC machines which are used for machining.
* Handling different kinds of field instruments like proximity sensors, pressure Switches, Relays, Temperature Controllers in new equipment development projects.
* Scheduling Man Power control & Shift planning.
* EOT Cranes (5 ton) Maintenance.
* H.T. Electrical panels Errection & Maintenance.
* Air compressors 100 HP Maintenance.
* Preparing and developing weekly, monthly & annual preventive maintenance schedules for maintenance and service department; Preparing weekly and monthly reports.
* Preparing weekly maintenance checklist including all dates, material, tests and resources needed.
* Documenting operation & Maintenance manuals.
* Responding to on-call service requests and issuing works orders.
* Diagnosing and troubleshooting technical issues and providing solutions.
* Coordinating with various departments for the proper planning and execution of maintenance and service work.
* Conforming to quality system procedures and requirements
* Continuously improving the operation, maintenance and service department.
* **Engine Factory Avadi, Ministry of Defence, Govt of India. Aug 2010 – Aug 2011**

**Maintenance Engineer**

* Operation and maintenance of 11KV / 66Kv/ 110Kv / 433 volts

Substations & Switch gear testing, O & M at Substation

* Maintenance of (HT) VCB and (LT) ACB.
* Maintenance of HT panel and LT panel Relays.
* Maintenance of CNC, PLC, and Conventional Machines with AC/DC Drives of Siemens and Fanuc systems.
* Rectification faults in various types of motors and starters.
* Operation and Maintenance of Electrical Furnaces and various Electroplating Baths.
* Calibration of Temperature Controller using PT-100, Thermo couple probes.
* Trouble shooting of EOT crane and JIB crane.
* Maintenance of double stage 125 KW air compressor.
  + - * **Eurotech Controls & Instruments Pvt. Ltd**. **- Feb 2009 - July 2010**

**Engineer**

* Installed and commissioned Eurotherm controller 3216,2604 and 2404
* Configuration of Input and output as per customer process at field

**EDUCATION QUALIFICATIONS:**

**Bachelor of Engineering: Electrical & Electronics Engineering,**

Jerusalem College of Engineering. Chennai.

(Anna University) 2008

**H.S.C**  : **Sri Ramakrishna Higher Secondary School**, Vellore dist,

(State Board) 2004

**S.S.L.C** : **Rathinagiri Matric Higher Secondary School**, Vellore dist,

(Matric Board) 2002

**TECHNICAL COURSE:**

* **AutoCAD**
* **Certificate Automation**

COURSE DETAILS:

Programmable Logic Controller (PLC);

SIEMENS ABB (Aesan Brown Brovery)

OMRON KEYENCE

GE-FANUC AB (Allen Bradley)

Supervisory Control and Data Acquisitions (SCADA);

Wonderware - In Touch version 9.5

Intellution - Fix32 versions 7.2

* **Electrical Routing and Harness in CATIA V5**

Sketcher Part Design

Assembly Drafting

Routing & Harness Flattering

**SKILL SET:**

Programming language : Windows 98/2000/xp, Windows 7

Application software : MS Office, Windows98, Windows &vista

**PERSONAL PROFILE:**

Date of birth : 27th july1986.

Nationality : Indian.

Languages known : English, Tamil.

Marital Status : Single.

TN-Electrical License No & Validity : C44308 (01.02.2014 ~26.01.2018)

Passport No & Validity : J8076893 (03.08.2012 ~ 03.08.2021)

Skype ID : suresh.suresh249

Permanent : 4/22, Road street,

Narayanapuram,

Rathinagiri post,

Vellore Dist – 632517

TamilNadu.

**DECLARATION:**

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

**Date:**

**Place:** CHENNAI **(SURESH.A)**