**G. ESAKKI MUTHU**

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**PROFESSIONAL OVERVIEW**



* An incisive professional offering **over 5 YEARS 8months** of rich experience in **Electrical Maintenance (EM).**
* Currently working as **Maintenance Supervisor at KURL-ON at Bangalore in Karnataka State**
* Gained significant experience at Breakdown solution, material arrangements, maintain the check list, job order.
* Possesses rich experience in maintenance such as mechanical & electrical , utility dept.
* **Excellent in problem analysis &CAPA reports, split the job work, material requirements,** **services, preventive maintenance** and implementations for new plans and custom breakdown solutions (maintenance& production side) by following the standard guidelines.
* An impressive communicator with honed interpersonal, team building, negotiation, presentation, convincing and analytical skills.



**From December ’16 To still now Maintenance supervisor at KURL-ON ENTERPRISES.LTD at Yeshwanthpura in Bangalore, Karnataka State.**

**From October ’15 To November’16 Maintenance Engineer (Electrical & Mechanical Maintenance) at Mahashruthi industry at Malur Taluk, Karnataka State.**

**From July ’15 To October ’15 Electrical Engineer (Electrical Maintenance) at Sandeep Lead Alloys Pvt Ltd, Malur Taluk, Karnataka State.**

**From May ’13 To June'15 Junior Engineer (Electrical Maintenance) at Chloride Alloys India Ltd, Malur Taluk, Karnataka State.**

**Job Role:**

* Interacting with colleagues for problem gathering, root cause analysis.
* Conducting Breakdown report and solution analysis between Organisation problem and Technical Consultant.
* Feasibility analysis of requirement with the development team.
* Planning for enhancements with respect to the gaps identified.
* Documenting modelling done for ISI basic.
* Performing functional, mech & elec, utility maintenance.
* Coordinating with the Technical consultants to get the identified defects fixed.
* Studying the functionality of all the components and doing machines testing efficiently to identify defects and coming up with breakdown solutions & developments works.
* Maintain the test reports & documents, diagrams.

**Significant Highlights:**

**Maintain the factory QMS& EMS, OHSAS SYSTEM.**

**I have experience in new SAP developing software side**

**Electricity power side:**

* **Power quality checked & maintained (like - Harmonics)**
* **Maintain the PF**
* **Power savings**
* **Introduce new improvements**

**Utility side highlights:**

**Boiler:**

* **boiler steam pressure maintaining**
* **Steam auditing conduct**
* **Avoid condensate water wastage**
* **Pressure control valve operation maintain**
* **Temperature control valve operation maintains.**
* **Steam consumption & fuel consumption maintain.**
* **Feed water quality**
* **introduce new improvements**

**R.O & D.M PLANT:**

* **Maintain the PH** value , water hardness & water quality.
* **Filter Servicing** carried out (chemical wash)
* Avoid the water wastage & re-use the wastage water.
* Maintain the water consumption.

**Variable frequency drive (VFD) Highlights:**

* **DIGITAL COMMAND PROGRAMMING**
* **2 wire** forward reverse method wiring
* **3 wire** control wiring
* **Multi set up speed** programming
* **Digital input speed** **controlling** method
* **Resetting the drive** using digital input(trip release)
* **ANALOG COMMAND PROGRAMMING**
* Analog speed controlling using **potentiometer**
* Analog frequency output **(Display meter)**
* **Current output** using analog signal
* **COMMUNICATION PROGRAMMING SIDE**
* Controlling the drive using system(using drive software & RS485)
* **RELAY SIDE**
* **Can do the control wiring & get the desired output according to the operation(NO & NC)**

Eg: Push button indication, trip indication

* **LIST OF DRIVES HANDLED**
* **DELTA(C, B, F, C2000 series drives (15h.p to 250h.p))**
* **KIRLOSKAR DRIVE**
* **ABB DRIVES**
* **SCHNEIDER DRIVES**

* **EOT cranes** control wiring connections & maintenance.

* Can control any **operation using sensors .**

**Control wiring Highlights:**

* **Star-Delta** connections with the functional and designing period by Skillfully handling User problem Testing for the inventory& Electrical module.(whether Timer or push button used)
* **Direct On Line** (DOL) starter Connections and testing .
* **Oil immersion starter connections** & testing.
* **Semi auto starter** connections & testing.
* **Forward & Reverse** connections & testing.
* **All types of Interlocks** & **Preventive interlocks** connections & testing.

**Panel side Highlights:**

* **Panel control wiring**
* **Plan the panel diagram & material**
* **ELR fixing**
* **All types of Kwh meter fixing**
* **Hooter fixing**
* **Cable laying**
* **Cable Terminations**
* **PREVENTIVE maintenance.**

**Compressor side Highlights:**

* **Cut of relay setting**
* **Motor side cut off connection given.**

**Motor side Highlights:**

* **Star** connection in Three Phase using.
* **Delta** connection in Three Phase using.
* **Star & delta connections.**
* **Motor** **condition** checking.
* **Motor** **Winding** checking.

**Meters side Highlights:**

* **Meters programming.**
* **RTD connecting & temperature** meter connecting
* **Can control the on & off operation of heater** based on temperature using the corresponding meter

**Maintenance Highlights:**

* **Have done A-check & B-check for 1010 kva DG, 625 kva DG, 63 kva DG, 300 Kva.**
* **D.G Filter requirements & changing.**
* **Maintenance of Transformers, motors from 0.5hp to 250 hp.**
* **Transformer oil filtration test**
* **Monthly & weekly maintenance of panel boards, motors.**
* **Transformer maintenance.**

**Eraction Highlights:**

* **11 kv, 630A VCB Eraction**
* **160 kva D.G Eraction**
* **250 kva Transformer eraction**
* **L.T & H.T Panel eraction & control wiring**
* **SUB panel eractions**

**Personal skills**

* **Team building** skill
* **Adaptability**
* Good Communicating Skill

ACADEMIA



* DIPLOMA in Electrical & Electronics Engg at SCAD POLYTECHNIC COLLEGE from 2010 to 2013

With a pass percentage of 76.17%.

* 10Th in TILAK VIDYALAYA HIR.SEC.SCHOOL, Kallidaikurichi in 2010. Secured 60% marks.

**Other Courses:**

* FIRST AID COURSE from St.Jhon Ambulance (India) Karnataka in 2013.

**PERSONAL DOSSIER**



**Date of Birth :** 30th June 1994

**Address Permanent :** No:53A, 1st floor, sankar st, Ambasamudrum tk, Tirunelveli dt, Tamil Nadu

Pincode – 627401

**Marital status** : Single

**Language Proficiency :** Tamil (read, write, speak)

English (read, write, speak)

Hindi (speak)

Kannada (speak)

**Place**: Malur

**Date:** 8-Mar-19

**(G.Esakki Muthu)**