**MUTHUKUMAR.K**

**Mobile**: +91 8867110138,+91 9500242137

**E-mail**: ksmkumaran03@gmail.com

**Professional Summary:**

* B. E (Electronics and Instrumentation) with **over 7 years** of experience in Maintenance Engineer, Instruments and **DCS** &**PLC** systems.
* Proficiency in handling, suggesting maintenance strategies procedures and methods; diagnosing breakdown problems; monitoring and controlling maintenance costs.
* Motivated by internal standards of performance to deliver quality results.
* An effective leader and communicator with strong interpersonal, analytical and management skills.

**Career Professional:**

* Presently associated with M/s Operational Energy Group of India ltd,( Client of M/s Sunvik Steels Pvt Ltd, Tumkur, Karnataka) **10 MW Captive Power Plant** as Instrumentation Engineer in with Nov’14 to to till date.
* Previously associated with M/s Operational Energy Group of India ltd,(Clint of M/s Ind Bharath Power Gencom Ltd,Tuticorin,Tamilnadu) **3\*70 MW** Instrumentation Assist.Engineer in with Feb’14 to Oct'14.
* Previously associated with M/s Operational Energy Group of India ltd, (Client of M/s BMM Ispat Ltd,hospet, Karnataka) **70 MW Captive Power Plant** as Instrumentation Assist. Engineer in with Nov’12 to Jan’14.
* Previously associated with M/s Operational Energy Group of India ltd, (Client of VSLP Power Ltd,Bikaner,Rajasthan) **135 MW** GraduateEngineerTrainee in with July’12 to Oct’12.

**Organisational Experience:**

|  |
| --- |
| **Since July’12 to till Date Instrumentation Engineer** |

* Experience in ABB 800XA DCS Version 5.1,6.0.3.2 and SIEMENS SIMATIC S7-200 PLC Software.
* Trouble shooting and maintenance of DCS and PLC problem.
* Redundancy checking for controller to server/operation station communication and marshalling panel side check.
* Installation, Calibration and Preventive maintenance of Field Instrument below

Pressure, Flow, Level, Temperature Transmitter, control valve, motorised valve, Positioner, I/P converter, Indicator & controller and Pressure gauges and SOV, all type of switches.

* Installation, Calibration and Preventive maintenance of analytical Instrument below pH sensor, Conductivity sensor, Oxygen analyzers, ORP analyzers Vibration sensor.
* Experience in handling various calibrator (Low and high pressure, Temperature, Loop Calibrator&HART communicator).
* **Review and understand client drawings& documents (P&ID, PFD, instrument datasheet, I/O database, Loop and Logic Diagrams, hook-up diagrams, Cable Schedule, Junction Box).**
* Operation & Troubleshooting of Pneumatic Ash Handling systems.
* Supervising the functions of troubleshooting & Predictive/Preventive Maintenance for identifying areas of obstructions and reducing the machinery downtime to minimum.
* Daily work allotment to subroutine and follow up to the work progress to complete in time.
* Performed troubleshoot on process and equipments in case of any emergency and provided necessary technical support.
* Maintenance of ISO documentation required for instrument...
* Work Planning of Shutdown Maintenance, Daily Maintenance Planning, Preventive Maintenance Report Making, Instrument History Maintained, Spare Requirement Etc.
* Preparation of Monthly Job Reports, Shutdown Job Reports, Breakdown and Maintenance Job Reports, Job allocation and supervising...
* Worked with proper maintenance of permit closing and ensuring the safety of Employees.
* Preparation for ISO auditing.
* Responsible for providing timely communications on significant issues or developments to the instrumentation manager

**Educational Summary:**

* **Bachelors of Engineering in Electronics and Communication** from Dhananlakshmi srinivasan Engineering College (Affiliated to Anna University Trichy), Perambalur in with 72.20%.

**Personal Details:**

Date of Birth : 30th May 1987.

Father’s Name : S.KRISHNASAMY.

Sex : Male.

Nationality : Indian. Permanent Address :Nadukkattur,

Keela arunachala puram (po),

Vilathikulam (tk),

Tuticorin (dt), Tamilnadu-628905.

.

Languages Known : Tamil,English and Hindi, Kannada,Telugu(Speak) .

Married Status : Married.

**Passport No : K2509679**

**Declaration:**

I, hereby declare that the above furnished details are true to the best of my knowledge.

Place:

Date: (Muthukumar.K)