**RAJA PAULRAJ**

**Electrical Engineer| Facility Maintenance|**

harpaa91@gmail.com | +91-9284070199|

**PROFESSIONAL SUMMARY**

Exceptionally dependable and well-trained Electrical Supervisor with expertise is complete Facility Engineer offers 10 years of experience and a variety of system specializations in facilities management. Adept at handling multiple projects simultaneously whether working independently or as part of a team. Conscientious and mindful of all local state and federal safety standards. Demonstrates superior skills in leading Electrical Maintenance Departments and carrying out project management activities that’s inclusive of Corrective Maintenance, Trouble shooting and shutdown maintenance activities.

Superior skills in handling HMI / DMC, HV / MV, MV / LV Transformers, Switchgears, Diesel Generators, HV/MV/LV Motors & associated switchgears/ starters, PCC & MCC Panels, UPS/Battery chargers, Batteries, Lighting system, Plant Earthing system and HVAC systems in Oil & Gas.

Adept in reporting and documentation process and procedures which include preparing documentation related to job Work Permits, Work Orders, PM Schedule, PM Procedures, Scope of works, Maintenance Reports, Incident reports, Risk assessment, Bill of material, Material request to name a few.

**SPECIALITIES**

* In-depth knowledge of medium voltage distribution and low voltage
* Familiarity with electrical codes and predictive technologies
* Solid project management and communication skills
* Strong organizational and planning skills
* Excellent trouble shooting skills
* Skilled in using electrical schematics and test instruments
* Outstanding ability to read and update electrical schematics

**ACADEMICS**

* 2017: Diploma in Electrical Engineering – Himalayan University
* 2005:Electrical supervisor competency –Directorate of Technical Education Tanning

• 1999: ITI Electrician NCVT

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**LICENSE:**

* Certified Electrical Supervisor “C“
* License: C33282 Issued BY Electrical License Board in Tamil Nadu, India.



**WORK EXPERIENCE**

Oman Shapoorji Company – Oman



Electrical Supervisor Maintenance

May 2017 to july2018

Kharafi National – Abu Dhabi

Electrical Supervisor

Mar 2015 to Oct 2016

Chennai Petroleum Corporation Ltd – Chennai

Electrical Supervisor

Jul 2013 to Mar 2015

Kharafi National – Kuwait

Electrical Foreman

May 2010 to Jun 2013

Prime Engineering Qatar

Electrical Foreman

Apr 2009 To Jul 2009

Amplex Emirates- Abu Dhabi

Electrical Foreman

Jul 2007 to Mar 2009

**MANAGEMENT SKILLS**

**EQUIPMENTS HANDLED**

|  |  |  |  |
| --- | --- | --- | --- |
| • Megger tester (up to 5kv Dc) | | • BDV Tester, battery capacity | |
| • | AVO Meter |  | tester |
| • | HV Testing set 40kv input | • | HV Tester 11kv Visual Audible |
|  | voltage 240v AC, DC-12V | • | Earth Tester, Hydrometer |

* DLRO Tester

**CERTIFICATIONS**

|  |  |  |  |
| --- | --- | --- | --- |
| • | HSE Induction | • | First Aid |
| • | Job Hazard Analysis | • | Loto |
| • | Supervising Safety | • | Scaffolding |

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**SCOPE OF WORK ACROSS MY TENURE**

**FACILITY ELECTRICAL SUPERVISION**

* Ensure smooth functioning of Electrical, HVAC, Plumbing and Integrated Building Management (IBMS) system.
* Installation, setting to work, testing and trials and commissioning of new machineries/equipment with Project.

• Prepare Daily, Weekly and Monthly action plan of Maintenance and Housekeeping Dept.

* Maintain all checklists of Technical and Soft services.
* Making snag list of equipment’s and send to project/Vendor for rectification.
* Arranging the AMC vendors and co-ordinate with them.
* Operation & Maintenance of, AHU, FCU, Air Ventilation, Exhaust system & Ring Main unit (RMU) Electrical system includes Transformers (2000KVA X 2nos.), HT/LT Switchgears, Circuit Breakers, Distribution Panels, MCC & PCC Panels, Human machine interface (HMI) op 17, Digital Master control panel (DMC) Automatic Mains Failure Panels (AMF), Automatic Power Factor Control Panel (APFC) & VFD, Diesel Generator Set 4000KVA\*2Nos, 2250K\*3Nos. Water Treatment Plant, Fire Detection & Fire Fighting System & STP Plant, Lighting Automation system.
* Coordinate all scheduled maintenance with impacted personnel.
* Plan on downtime for preventive maintenance.
* Schedule downtime when necessary for emergency repairs.
* Prepare weekly status reports regarding all on going projects
* Coordinate special projects with stakeholders and vendors to ensure building compliance.

**MANGERIAL RESPONSIBILITIES**

* Reviewing, coordinate and approve outage request.
* Support troubleshooting / repair of control and power systems and Control circuits, Building Management Systems, Substations, Overhead cranes and vertical doors
* Conduct planning activities to collect project requirements.
* Gather and review data concerning facility or equipment specifications, company or government restrictions, required completion date, and construction feasibility.
* Develop executable solutions to satisfy project requirements.
* Coordinate with Architect and Engineering firms to develop design criteria, prepare layouts, and develop detailed engineering drawings.
* Review and estimate project costs. Manage project design and execution to project budget.
* Develop Statements of Work and request for Proposal documentation.
* Provide engineering review/over-site to facility upgrades/construction projects.

**PROJECTS EXECUTED**

**SINCE 2017**

|  |  |  |
| --- | --- | --- |
| **Client** | MEDC | |
| **Project** | Barka Sultan Palace | |
| **Scope** | Facility Maintenance of Distribution S/S and | |
|  | synchronization system, RMU, 11kv DG Set, HV, LV, Internal | |
|  | and External Electrification, Kitchen Equipment, | |
| **2015 – 2016** | |  |
|  |
| **Client** | AMMROC | |
| **Project** | Facility Maintenance – Multiple Sites | |
| **Scope** | MEP Facility Maintenance of LV, MV, BMS Panel, DB’s, | |
|  | HVAC Panels And Package Unit, Split AC Unit**s** | |

**2013 - 2015**

**Client** CPCL FACIILITY

**Project** Facility Maintenance – Multiple Sites

**Scope** Motors, Transformers, Switchgear, LV Panel, Lighting,

Power DB.

**2010 – 2013**

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| --- | --- | --- | --- | --- | --- |
| **Client** | MEW |  |  |  |  |
| **Project** | Facility, O&M, RMG S/S Maintenances | | | |  |
| **Scope** | Periodical / Preventive Maintenance of RMG Substation | | | |  |
|  | 11kv/415v, TR, OCB / VCB, Battery, Testing and | | | |  |
|  | Commissioning |  |  |  |  |
| **2009** |  |  |  |  |  |
|  |  |  |  |  |
| **Client** | **GCC** |  |  |  |  |
| **Project** | Shutdown |  |  |  |  |
| **Scope** | BMS Panel Termination and CBS System Installations | | | |  |
| **2007 - 2009** | |  |  |  |  |
|  |  |  |  |
| **Client** | **ADCB** |  |  |  |  |
| **Project** | Maintenance – Multiple Sites | | | |  |
| **Scope** | Street Light Maintenance, AMR, PLC | | | |  |
| **PERSONAL DETAILS** | |  |  |  |  |
| Father Name: | | Paul raj | | |  |
| Date Of Birth: | | 9th April 1982 | | |  |
| Sex: |  | Male | | |  |
| Marital Status: | | Married | | |  |
| Religion: |  | Catholic Christian | | |  |
| Language: | | Tamil, English, Hindi, Malayalam, Telgu, | | |  |
|  |  | Arabic | | |  |
| Passport No: | | Z2657221 | | |  |
| Pass Port Expiry: | | 14-01-2024 | | |  |

