**ARUNKUMAR Email:** **arunkumar.372254@2freemail.com**

**OBJECTIVE**

A competent electrical engineer having a comprehensive knowledge in Production, Estimating, Designing & testing of Low Voltage Switchgear with extensive knowledge of Electrical drawings, codes and standards of practice. Experienced in production, maintenance and testing electrical panels and components at commercial, residential and industrial projects particularly in GCC countries. Possessing an in depth knowledge of safety procedures for both construction and maintenance of projects.

**CAREER HIGHLIGHTS**

\* Played major role as Estimating, designing & coordination with consultant and Main Contractor for the project City Centre Phase Expansion in Doha Qatar. Played major role for Modification, Testing & Trouble shooting of LV panels like MDB, ATS, Capacitor bank, SMDB at Salam Street Tunnel Project, the biggest tunnel in Abu Dhabi. Participated Major Shutdown work at Hindustan Organic Chemicals plant during apprenticeship; Maintenance of VCB, Oil filtration and BDV checking for Transformers up to 8 MVA; Maintenance for 5MW Generator, HV motors up to 935KW & LV motors up to 135KW, Upgrading of existing Starters to VFD etc.

\* Participated in Temperature Rise test, Impulse Voltage Test for the ASTA certification of LVDB; for the period of type testing with ASTA observer learned in-depth knowledge of Low voltage Panels and industry standards.

\* With one year experience successfully passed Kerala State Electrical Inspectorate test and interview for Supervisor grade-B license on first attempt.

**KEY SKILLS**

\* Excellent ability to understand single line diagrams, electrical symbols, codes and project specifications.

\* Use computer software to make low voltage switchgear estimation, evaluation of cost effectiveness.

\* Familiar with local authorities’ regulations, value engineering with minimum requirements of regulations.

\* Familiar with major consultant’s specifications, making of compliance and replies to consultant’s comments.

\* Attends negotiations meetings with clients, and technical meetings with consultants for supporting sales.

\* Production of panels, Factory Testing of LV panels, VFD programming, coordinates factory inspections.

\* Coordinates panel modification at site, trouble shooting of LV panels at site, knowledge in auto cad.

\* Familiar with Quality standards and procedure, keeping good relation with other departments.

\* Able to work independently and able to manage priorities and tasks, excellent ability to express ideas.

 **PROFESSIONAL EXPERIENCE**

**Switchgear in Sharjah, UAE. Authorized assembler for Siemens and Hager. from 2014 January**

**Estimation Engineer.**

**Highlights:**

\* Having sound knowledge in Siemens and Hager Switchgear and control components, working with Siemens’s ‘Simaris’ software to make a design of Siemens Sivacon S4 enclosure. Also attended some product training programs from various component manufacturers.

\* Quoted many projects in United Arab Emirates and Qatar, Also participated in execution of various projects in Abu Dhabi, Dubai and Ras Al Khaimah with different contractors and consultants.

**Key responsibilities:**

\* Initial processing of tender documents as registering of incoming enquiries and prioritizes after discussion with sales department, distributes inquiries to other estimation engineers.

\* Maintaining & updating supplier lists, major and miscellaneous components price lists, catalogues.

\* Preparing Quotations for Low Voltage Switchgears like MDB, MCC Panels, Capacitor banks, ATS, SMDB, DB and starter control panels as per project requirements and instructions from sales.

\* Verifying all project related documents and make document transmittal to design dept. for making submittals.

\* Attending technical meeting with client/consultant, preparing compliance statement after studying the specification & Single Line Diagrams, verifying technical submittals before submitting to consultant and client.

\* Coordination with production and purchase department for evaluating bill of materials before the sending of purchase order.

**ARUNKUMAR**

**Spaceage Electrical Switchgear & Contracting Co. Abu Dhabi, UAE. May 2011 – Nov 2013**

**Electrical Engineer in Switchgear Division**

**Highlights:**

\* Participated in Temperature Rise test, Impulse Voltage Test for the ASTA certification of LVDB in the presence of ADDC and AADC officials.

\* Considerable practice with GE components, testing of panels like Feeder pillars, STLT, LVDB (for infrastructure application) at factory.

\* Planned and lead to execute major site modification of Salam Street Tunnel Project based on the comments received from Abu Dhabi municipality and ADDC officials.

\* Performed as Asst. Management representative of Quality Management Programs during the external auditing of ISO. Successfully completed the Surveillance audit and Certification audits without any major comments.

\* Lesser experience in purchasing department for the purchase of HV panels, Bus bars, UPS, Generators, and Transformers etc. for Salam Street Tunnel Project.

**Key responsibilities:**

\* Preparing Quotations for Low Voltage Switchgears like MDB, MCC Panels, Capacitor banks, ATS, SMDB, DB, LVDB, Feeder pillars & Street Light Control cabinet as per Tender requirements.

\* Maintaining & updating catalogues & Price lists from all material suppliers.

\* Attends meetings with consultants and contractor for technical clarifications also attends meeting with clients at the time of negotiation if required.

\* Giving instructions to draftsman to make the design of panels and verification of the shop drawing before submitting to clients, coordination with production dept. at the time of manufacturing.

\* Testing of panels for example- Insulation resistance, milli-voltage drop, HV test for leakage current, primary injection and secondary injection tests etc., Final Inspection before dispatching and as built drawing evaluation, Modification, Trouble shooting and testing at site.

**Verger et Delporte Qatar LLC, Doha, Qatar. 2007 October - May 2011**

**Estimation Engineer in Switchgear Division.** (Joined as a Estimation Engineer in trading division, after six month promoted as a Estimation Engineer in Switchgear division)

**Highlights:**

\* In-depth knowledge in Schneider-Electric switchgear and control components and Blockset enclosures.

\* Participated in various tenders and job in hand projects in Doha with different consultants and clients, comprehensive experience and knowledge with Kahramaa (Qatar Electrical and Water Authority) Rules and regulation.

**Key responsibilities:**

\* Initial processing of tender documents as registering of incoming enquiries and making priority list after discussion with sales department, preparing Quotations for Low Voltage Switchgears like MDB, MCC Panels, Capacitor banks, ATS, SMDB, DB and starter control panels as per project requirements.

\* Maintaining & updating catalogues and Price lists from all material suppliers.

\* Preparing technical submittals with coordination of design department, making technical compliance statement after Studying the Single Line Diagrams & specification.

\* Stamping of job number and checking the BOQ for major components before sending the order to supplier,

Coordination with production department at the time of manufacturing, final Inspection of panels before dispatching, as-built drawing evaluation.

\* Visiting site before making quotation for panel modification & Trouble shooting of panelslike VFD & MCC.

**Geresh Electricals PVT LTD, Kochi, India.** **2006 OCT - 2007 September**

**Electrical Draughtsman**.

**Highlights:**

\* Good experience of installation and modification works at different kind of sites such as plinth mounted substations, various industries and international airport.

**Key responsibilities:**

\* Preparing Electrical Schematic diagrams according to the electrical inspectorate rules and regulation and getting approval from inspectorate officials.

\* Installation and commissioning of various electrical projects. For example new substation and electrical room at Carborundum Universal, Changing location of existing substation at Kochi Refinery, Cable laying and External light fitting works at Cochin international air port , Electrical panel installation for plant expansion at Kerala Minerals & Metals Company etc.

**ARUNKUMAR**

**Videon Industries, Thrissur, India.**  **2006 March - 2006 October**

**Quality Controller**.

**Highlights:**

\* Deep study of each and every part of major company’s products, Good experience in repairing of household appliances, arranging and attending meetings with production units supervisors to improve product quality and profit.

**Key responsibilities:**

\* Supervision and co-ordination of production of various electrical products like Inverter, Stabilizer, Grinder, Fan etc, quality checking of all products before sending to dealer and distributor, Repairing of faulty products.

\* Studying about other manufacturer’s products and making technical and commercial comparison.

**Cosmos Electrical Contractors Kerala, India**. **2005 October – 2006 February**

**Electrical Supervisor**

**Highlights:**

\* Experience in installation of ELV systems as fire alarms and CCTV

**Key responsibilities:**

\* Supervision and coordination of wiring and electrical installations of high rise commercial & residential buildings, arranging sites for inspections of government officials and end users, reporting work progress to main office, conducts meeting with sub-contractors, attending training programs and give training to technicians.

**Hindustan Organic Chemicals LTD, Kochi, India**. **2004 October – 2005 September**

**Technician Apprentice**. (Appointed by supervisory development center government of Kerala)

**Highlights:**

\* Worked at hazardous and high risk areas, Safety and First aid training.

**Key responsibilities:**

\* Operation and maintenance of 66KV substation including 8 MVA transformers and related equipments like MOCBs, HT Isolators, CTs, PTs etc., maintenance of Fire Proof light fittings, HV and LV motors, preventive Maintenance of Utility Transformers, generator paralleling and maintenance of Captive Power Plant.

\* Changing existing analogue meters to digital meters of LV and HV panels, collecting and updating electrical equipment data, Attending emergency calls from control rooms.

**EDUCATION AND CERTIFICATION**

**Maharaja’s Technological Institute. Kerala, India. 2004**

Diploma in Electrical Engineering passed with first class. 3year course

(The State Board of Technical Education is to conduct all the Technical Examinations for the State and to award Certificates to the successful candidates.  The State Board of Technical Education is empowered to frame the guidelines & directions for various examinations in accordance with the state-of-the-art of the technology by keeping the integrity  of  the Examinations)

**CADD center training services, Kerala, India. 2004**

Foundation in Electrical CADD.

(Training and examination conducted and certification given by a reputed private institution)

**Kerala State Electricity Licensing Board, Kerala, India**. **2006**

Holder of Electrical Supervisor Grade B license.

(The Electrical Inspectorate is a Department of the Government of Kerala, issues of permits after the Interview)

**REFERENCES**

Will be provided on request.