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Professional Brief: A highly experienced and technically adept **Electrical** Engineering professional with a successful career spanning **27 years** in installation, maintenance and testing of electrical equipment systems for reputed companies. Was associated with **Qatar Chemical Company Ltd**, as **Maintenance Lead Electrical Technician (2003-2018)**

Objective: Seeking a challenging assignment as **Electrical/Maintenance supervisor** with a reputed organization, which provides opportunities for growth and career advancement.

Profile Synopsis

- A results-driven and technically adept professional with in-depth knowledge and hands on experience of installation and maintenance of Electrical and Instrumentation systems.
- Extensive knowledge in updated technology and its successful innovative implementation.
- Solid management capabilities with a consistent track record of anticipating consequences of new designs, initiating solutions intellectually and completing projects to specifications.
- Highly articulate, confident and persuasive team-builder, able to motivate and communicate to achieve exceptional business performance.
- Dependable and reliable in supporting and enabling team effort to produce genuine long-term sustainable development.

Career Summary

Qatar Chemical Company Ltd, Doha, Qatar
Lead Electrical Technician,

April 2003 until July 2018

A joint venture of Chevron Phillips and Qatar Petroleum situated at Mesaieed Industrial City in Doha Qatar. A Petrochemical Complex Producing 560000 MTA Ethylene, 453000 MTA of Polyethylene and 47000 MTA of 1Hexene.

Significant Contributions

- Key role in QCHEM as a QSAFE Improvement team member.
- Leading and coordinating the projects with PACECO to Gantry crane height modification and SIEMENS to Safety Improvement project.
- Took the lead to implement the SCADA system for Bagging machines
- Modification of generator protection by installing new VDU and microprocessor relays
- Installation, Testing and commissioning of underground HV cable 240sqmm for seawater pump motors.
- IN charge as LEAD Technician for carrying out 2017 SHUT DOWN activity. (CM& Modification works)

Worked with Albaida Technical services –Doha Qatar
Sales engineer

April 2000 – Feb 2003

Key Responsibilities:

- Installation projects for distance protection relays (Alstom)
- Sales of LV&HV switchgear from TAMCO (Malaysia)

Ministry of municipal and agriculture – Doha, Qatar
Electrical Technical (Maintenance Department)

August 1991 - Feb 2000

Premier Air-conditioning Company Ltd Bangalore-INDIA
Installation of package plants and chiller plant- Site Supervisor

October 1998 – July 1991

Key Functional Areas

Maintenance Operations

- Implementing plans and schedule for Maintenance Operation with focus on optimum utilization of manpower and material, inspection.
- Handling the troubleshooting and preventive / breakdown maintenance to reduce downtime to minimum.
- Undertaking regular inspection to prevent accidents and adhere to safety norms.
- Governing the corrective use of electrical machines, panel's material and instruments to reduce expenses and wastage to minimum.

Project Co-ordination

- Material takeoff, inspection of material, preparing bar line chart of activities, finalizing quotation of contactor, rate analyzing and job allocation.
- Coordination with Government authorities to approve the plan, enhancement of load etc.
- Supporting execution activities involving installation of electrical system (PCC, MCC, LDB, CCP, lighting, transformer, DG sets), Cabling and termination etc.
- Supporting execution activities involving designing the cable size, contactor rating, Overload relay range, fuse rating and modify the control wiring for the motor.
- Monitoring activities of personnel towards ensuring adherence to safety norms.
- Deploying systems to manage execution of project on time, as per budgeted parameters.

Quality Assurance

- Developing quality systems by streamlining system procedures, practices and approach, and formulating SOPs and controls for acquiring and maintaining quality standards.
- Ensuring implementation of quality systems across various functional departments like procurement, inventory, production and packaging.
- Conducting regular internal audits, root cause analysis, troubleshooting and reviews to ensure adherence to highest standards.
- Training and guiding teams towards identifying factors critical to quality, reducing process variation, improving capabilities and increasing stability

Team Management

- Delegating duties to team members as per the project schedule,
- Interacting with functional heads for obtaining a smooth workflow.
- Monitoring the performances of team members and motivating them to complete the projects in the given time and cost parameters.

Technical Competencies

Responsible for all the Maintenance and Planning activities of Plant Electrical Equipment. Actively participated in Erection, Pre-commissioning, Commissioning and Startup activities and Well working experienced with **Hazardous classification equipments.**

- Preventive, Predictive, Breakdown and Periodical Maintenance of 132KV GIS Switch gear (MERLIN GERIN) and 110KV Switchyard including 110KV Potential Transformer, Current Transformer, Isolator, Earth switches.
- Preventive, Breakdown and Periodical maintenance of Power transformers up to 75 MVA and distribution transformers, 33/6 KV & 6kv/415V ALSTOM).
- Operation and maintenance of switchgear panels for 33kv ALSTOM, Schneider Electric and ABB 11 KV, 6KV and 3.3 KV switchgear panels, ALSTOM Galaxy, Schneider Electric and 415V MCC Switch Gear Panels.
- Preventive, Breakdown and Periodical maintenance of circuit breakers up to 132KV service. Particularly SF₆ up to 132KV (MERLIN GERIN), MOCBs up to 110 KV (BHEL), VCBs up to 11KV, ACBs up to 415V.
- Testing, trouble shooting, coordination and maintenance of protection relays as such as MICOM P141 and 143, SEPAM 1000, 2000 and 80 series relays and English electric electro dynamic relays.
- Operation and maintenance of Variable Frequency Drives ABB ACS600, ACS400 and ACS140 of various ratings, LOHER VFD's, VVVF Inverters 800 KVA Mitsubishi, Siemens SIMOREG DC drives and other make VFD's like as Lenz, Danfoss, Altivar, Reliance electric etc and eddy current controllers.
- Operation, maintenance and grid synchronizing of turbo generators up to 13 MW of Fuji make,
- Operation and maintenance of Emergency Diesel Generators up to 600KVA from ARUN International.
- Preventive, breakdown, periodic maintenances and over hauling of HT as well as LT motors including synchronous motors of 1850 KW, induction motors up to 2 MW and flame proof motors (ABB, Siemens, Ansaldo, NGEF etc).
- Operation and maintenance of AC and DC UPS up to 125 KVA especially Gutor and CEG.
- Erection, commissioning and maintenance of batteries and their charger systems up to 900 AmpHr, voltage level of 220V, 110V, 48V, 24V, 12V.
- Experienced in XLPE, PILC (up to 11kv) FRLS, PVC and TRS cables and their terminations and testing of cables including HIPO test (AC as well as DC voltage).
- Maintenance and troubleshooting experienced of Gantry cranes (HYUNDAI 40 T) electrical and instrumentation controls with SIMOREG DC drives, DC motors (SIEMENS) and Modicon PLC
- Maintenance and well troubleshooting experienced of Bagging machines (BAG LINE and BEUMER) with electrical SEW motors and drives (Movimot and Movitrac) and instruments like sensors, solenoid valves and PLC Modicon and SIEMENS.
- Erection, commissioning and maintenance of MOVs especially Rotork IQ range (microprocessor based) and Bessar.
- Well experienced in Electrical and Instrument Controls of Air and Nitrogen Compressors, Feeders, Gantry Cranes, Bagging Machines, Pumps, Conveyors, Waste Water System, Sea Water Intake Pumps, Thrash Rack and Traveling Band Screens, Elevators and Electro Chlorination System.
- Experience of using sophisticated equipments like HT megger, LT megger, Earth megger
- Adept at identifying the loops from the Loop Wiring diagrams and P and IDs
- Knowledge in instrumentation such as temperature scanners, Temperature indicators, Control valve, solenoid valve, Non-return valves, Gauges, Proximity switches, Photo cells, Magnetic limit switches, RTD, IRP relays.
- Knowledge of SAP-R3 Planning System
- Working knowledge of Electronic Document and Management System (EDMS)
- In addition to the above, I have experience in maintenance and trouble shooting of cranes, hoists, lift systems, industrial lighting arrangements, public address systems (flame proof and intrinsically safe models), vessel heating systems and Heat tracing for pipe lines.

Educational Qualification:

- **Diploma in Electrical Engineering from M.E.I Polytechnic College, India. (1985-1988)**

Seminars / Trainings:

- SEPAM Protection relays - Schneider Electric, Oct 2012.
- Overview of Gantry crane and SIMOREG DC drives and its controls - Siemens, May 2012
- QUANTUM PLC Maintenance – Schneider Electric, Jan 2012
- AC and DC UPS- CEG, May 2011
- MV – LV Switch Board Operation and Maintenance, Nov 2010 at Qchem
- Power DCS – Schneider Electric, June 2010
- Operation and Maintenance of Bagging machines – Wind Moller and Beumer, Mar 2010
- Attended Maintenance training on SF6 Gas HV protection and control panels, Jan 2010 at Qchem
- Safety Orientation Training for H2S, Confined Space, Fire Fighting, by Qchem Training Dept, Aug 2009
- Fire fighting and Safety Equipments PLTD ISO 9001: 2000 at SPIC in India
- Attended training for Automation and Industrial Solutions in SIMATIC S7 TIA programming course
- Attended **safety trainings every year** - Hole and Fire Watch, Lock Tag and Try, Permit to Work, General Orientation and Safety Workshop, SCBA Training and fit test. They included :
 - Process Overview and Potential Hazards
 - Tenets of Operations and OE Policy (operational excellence)
 - Q-CHEM Overview and Safety Fundamentals and Mission, Vision, Values and Goals
 - PPE Program (Overview, Foot, Work Wear, Hands, Eyes, Face, Head, Hearing, Fall Protection)
 - General HazCom (Heat Stress, H2S , SO2, Confined Space Hole and Fire Watch)
 - Online computer based training (TRAQS)
 - Attended Training for NFPA E70