

Emilio Reynaldo Temores Ocampo

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- Electrical Engineer with 10+ years of experience working with blue chip companies in the electrical industry and primarily focused on implementation of Quality systems and energy savings. I have supervised the construction of new plants in an oil refinery in PEMEX (Mexico) as well as kept the maintenance of electrical equipment in a petrochemical complex possess a wide range of technical skills.

Personal Data

Nationality: Mexican

Place of birth: Coatzacoalcos, Mexico

Date of birth: 25/11/1984

Sex: Male

Language: Spanish as mother tongue and advanced speaking level in English



Education

MASTER OF SCIENCE IN RENEWABLE ENERGY MANAGEMENT

| IN PROGRESS, ONLINE | INSTITUTO TECNOLÓGICO DE MONTERREY (ITESM), MEXICO

- General study area: Energy Saving and Renewable Energy Applications.
- Specialty: Generation of strategic energy plans that ensure sustainable development.
- Related course work: Optimize the use of energy in the refinery of Salamanca, Mexico.

MASTER'S DEGREE IN PROJECT MANAGEMENT | 2013-2015 | INSTITUTO TECNOLÓGICO DE LA CONSTRUCCIÓN (CMIC-ITC), MEXICO

- General study area: Project management best practices, project leadership, team dynamics and project negotiations.
- Specialty: budgeting, procuring, scoping, modeling, measuring, and reporting for a broad business application.

ELECTROMECHANICAL ENGINEERING | 2002-2006 | MINATITLAN INSTITUTE OF TECHNOLOGY (INSTITUTO TECNOLÓGICO DE MINATITLAN), MEXICO

- General study area: Generation, distribution and consumption of electrical energy, including applications like renewables.
- Specialty: Electrical power systems

Experience

WORK AND TRAVEL PROGRAM | SWAP (STUDENT WORK ABROAD PROGRAM) VANCOUVER BC, CANADA | 2007-2008.

I participated in a student work abroad program (SWAP) in Canada and I could have the opportunity to get some Canadian work experience in Vancouver BC. I worked in a small fast food restaurant (Red

Burrito LTD) and I was the supervisor for one year there and I also worked in a company related to water proofing in the construction business as foreman (Metalife Conservation LTD).

SIN: 920 847 613 (Expired)



ELECTRICAL MAINTENANCE ENGINEER | PEMEX (MORELOS PETROCHEMICAL COMPLEX, COATZACOALCOS MEXICO) | 2008-2012.

- I was responsible to assist in the planning and implementation of activities to increase equipment efficiency and reliability ensuring a positive impact on the operational efficiency of equipment within the facility.
 - Worked closely with operating and maintenance personnel providing predictive and preventative maintenance support, failure analysis and assist in the implementation of continuous improvement strategies using accepted best practices.
 - Provided support with respect to equipment modifications, capital projects, maintenance support for shutdowns, troubleshooting, and working with outside contractors and specialists while also providing engineering support.
 - Ensured compliance to internal and external policies, procedures and regulations and to assist external and internal security and quality auditors, insurance companies.
 - Supervised the preparation of HV/LV cables before laying through underground duct banks and above ground, to inspect electrical pits, duct banks and trays before pulling.
 - Tested electrical equipment such as transformers, electrical motors, switchboards, switchgears, buses, distribution lines and to keep the record of the predictive maintenance.
 - Supervised the adjustment of the power system protection to keep the system stable by isolating only the components that are under fault.
 - Analyzed the short circuit studies and interruptive capacity of equipment.
 - Programmed and supervised shutdowns in electrical substations applying the lock out/ tag out procedure.
 - Worked with high voltage applications, including 13,800V 3 phase, 4160V 3 phase, 2400V 3 phase, 480V 3 Phase and 220V 3 Phase Voltages.
 - Surveyed the electrical parameters of the equipment to keep the QC/QA record.
 - Read and interpreted blueprints, maps, drawings and specifications as well as conducted preventive and predictive maintenance programs.
 - Supervised other workers and kept maintenance reports and documentation

ELECTRICAL CONSTRUCTION SUPERVISOR | PEMEX (REFINERY IN SALAMANCA, MEXICO) | 2012-2019.

Construction Projects in Refinery RIAMA, Mexico

PEMEX's Clean Fuels Project.

- Ultra Low Sulfur Gasoline plant (2012-2016)
- Laboratory of fuel and oil refinery (2014-2016)

- Condensate recovery plant. (2014-2019)
- Ultra Low Sulfur Diesel plant. (2016-2019)

Electrical Supervisor Job Responsibilities:

- Ensure that procedures and processes are Understood and followed by the Construction Personnel.
- Test and measure voltage, loads, ground faults integrity of circuits.
- Read and interpret blueprints, maps, drawings and Project specifications.
- Estimate costs and materials and determine appropriate selection of materials and methods for hazardous locations.
- Surveying in the field related to electrical works to estimate advances and pay estimations.
- Solicit and document quotations negotiated price and delivery as required through established procedures.
- Work with Procurement team to verify arrival of procured equipment and engineering Equipment and to plan the Electrical Equipment Preservation.
- Supervise retrofits in existing electrical indoor and outdoor substations to integrate new switchgears.
- Supervise the construction of 5 electrical substations of 750 MVA (13.8 KV, 4.16 KV, 480 V) working closely with operating and other specialities.
- Supervise the construction of underground duct banks and electrical pits from the main power station to the new plants and the preparation of the power cables (splices)
- Supervised the Installation of Transformers, Switch gear Panels, Switch boards, Motor Control Centers, UPS Systems, batteries chargers, capacitor's bank as well as the successful installation of cable trays, conduits, cable laying, glanding and termination of HV, LV, and Control Cables in the new electrical substations.
- Supervised the installation of grounding systems, cathodic protection systems and lightning protection systems.
- Ensured contractors on site planning activities are appropriate to meet objectives.
- Participated in site progress meetings and highlight areas of concern which could impact schedule to management team.
- Participated in safety and toolbox Meetings.
- Coordinated with Commissioning team for Startup testing, pre-commissioning and commissioning activities.
- Supervise electrical test to transformers, electrical motors, power and control cables, MCC, Switchgears and switch boards.

Skills

- Supervisory experience
- Problem-solving ability
- Ability to manage deadlines
- Intermediate knowledge of ETAP
- Microsoft office (Word, Excel, Power point, Project...)
- Teamwork
- Time Management
- Eager to Learn
- Decision Making

Major Work Area

- Maintenance; Installation; Troubleshooting/diagnostic; construction; commissioning.