



BONIE R. MARATAS

ELECTRICAL ENGINEER

Skills

Personal Skills

- Clear communicator
- Creative problem solver
- Customer-focused listener
- Efficient multitasker
- Detail oriented
- Flexible of work time changes
- Can work under pressure
- Time management
- Customer service

Technical Skills

- Electrical testing and measurement
- Understand electrical / electronic circuit diagram
- Technically savvy and computer literate.
- Excellent knowledge in Microsoft Office applications

Education

BS in Electrical Engineering
University of Southeastern Philippines
2005-2010

www.usep.edu.ph

- Graduated in Electrical Engineering
- Passed the Philippine Regulation Commission Electrical Engineering Licensure Examination last April 2011.

Affiliation

Institute of Integrated Electrical Engineers of the Philippines, Inc.
Kidapawan City Chapter, Philippines
2012 – present

Career Objective

To gain a dynamic and challenging role in the area of instrumentation and electrical engineering that will offer the best opportunity for further development of my abilities, skills and knowledge in an established firm with long term career growth possibilities.



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Work Experience

Maintenance Coordinator/Supervisor (Electrical)

Port of Fujairah –Engineering/Maintenance Department

Fujairah, United Arab Emirates

September 2018 – June 2022

- Lead and coordinate all project execution and maintenance works done by in-house maintenance technicians and contractors to properly maintain associated equipment in area of responsibility.
- Coordination with other services, other contractors of road networks, for the clash analysis & smooth progress of site works.
- Maintain all power sub-stations (11kV & 415 V systems), Electrical Rooms, UPS systems, fresh and fire water pumping stations and ensure all electrical and electronic equipment is in good operating state as much as possible to meet the demand required by the entire operation of the oil tanker terminal.
- Installation, testing & commissioning of street lighting, electrical distribution network, distribution substations, telecom duct network.
- Preparation of method statement, shop drawing related to above.
- Responsible for the continued safe & efficient operation of all electrical equipment and associated systems within the seaport facility and within the oil terminal such as:
 - Marine loading arms (KANON & EMCO Wheaton)
 - Motor Operated Valves (Emerson, Tyco Biffi, AUMA, Rotork, etc)
 - Quick release hooks, Oil & Water Separator, Gangway towers, Firefighting systems & FM200, Nitrogen plant, SCADA Systems, Standby and mobile generators (80kVA-500kVA capacity), wide variety of pumps, gantry cranes and etc.
 - Wide variety of electrical instruments (PLC, pressure transducers/switches, proximity switches, level sensors, float switches, etc) relevant to oil and gas industry/operation.
 - Surveillance/CCTV systems and fiber optic communication systems, finger access and other equipment under port security system and etc.
- Preparation of project / tender documents for Annual Maintenance Contracts of various maintenance works and projects to be outsourced and involved with the technical evaluation procedure along with Maintenance Manager/team such as:
 - AMC for Security Surveillance System.
 - AMC for UPS systems.
 - AMC for Gate Barriers and Baggage Scanning System.
 - Installation of New Oil Terminal Operator Cabins.
 - Installation of Vicinity Mast Lights and Indoor Flood Lights.
 - Various repair works required for all relevant equipment of the port and etc.

Certificates

- **REGISTERED ELECTRICAL ENGINEER**
April 2011
Philippine Regulation Commission
Cebu City, Philippines
- **CONSTRUCTION OCCUPATIONAL SAFETY AND HEALTH TRAINING (SAFETY OFFICER 2)**
February 2023
Jolize Safety Training Center
Rizal, Philippines
- **NEBOSH INTERNATIONAL GENERAL CERTIFICATE IN OCCUPATIONAL HEALTH AND SAFETY TRAINING**
January 2016
HSEPro FZE (In association with Tatweer Consulting & Training)
Fujairah, United Arab Emirates
- **NEBOSH – Controlling Workplace Hazards**
February 2016
HSEPro FZE (In association with Tatweer Consulting & Training)
Fujairah, United Arab Emirates
Certificate No.GC2/00318204/762207
- **NEBOSH – Health and Safety Practical Application**
February 2016
HSEPro FZE (In association with Tatweer Consulting & Training)
Fujairah, United Arab Emirates
Certificate No. GC3/00318204/763813
- **Seminar-Workshop on Leadership and Safety Management**
October 2012
Sta. Rosa Estates 1 Club House, City of Sta. Rosa, Laguna Philippines
- **Philippine Valid Driver's License**

Personal Information

Nationality: Filipino
Date of Birth: May 4, 1988
Sex: Male
Religion: Roman Catholic
Age: 35
Language: English, Tagalog

- Material and Service Requisition. Preparation of required documentations, scope of works and materials specifications.
- Evaluate (together with maintenance planner/scheduler) maintenance requests done in-house, set priorities and determine the proper scope of work assignments in area of responsibility.
- Complies with all relevant Health, Safety and Environmental requirements. Ensures Work Permit requirements are met for all in-house and outsourced maintenance activities prior to Approval.
- Provide technical assistance whenever required pertaining to equipment under the team's area of responsibility.
- Project supervision and work verification/acceptance on site completion for in-house and outsourced work.
- Actively participates in Constituency Safety Meetings, Group Meetings, Risk Assessments etc.
- Prioritize maintenance activities ensuring all equipment and facilities are serviced in accordance with the standards in timely and safety manner.
- Employed with a variety of tools and equipment such as Measuring devices, testing equipment and multi-meters, Insulation testers, power tools and other hand tools.
- Assess performance of technicians and contractors, report making, log keeping and other required documentation works as assigned.

ELECTRICAL & INSTRUMENTATION TECHNICIAN

Port of Fujairah
Engineering Workshop and Oil Tanker Terminal
Fujairah, United Arab Emirates
July 2013 – September 2018

- Responsible for the operation and maintenance on plant
- Machineries such as pumping stations, quay/gantry crane, Mobile cranes, overhead cranes, forklifts and other port Equipment.
- Attend breakdown calls, performs troubleshooting, preventive and corrective maintenance to various heavy equipment such mobile cranes, forklifts, road sweepers, generators and etc.
- Programmable Logic Circuits control troubleshooting.
- (Siemens S7 400 and S7 300 used in port ship loaders and conveyor systems)
- Performs instrument calibration, functionality tests, report
- Making and other documentations.
- Conducts troubleshooting, preventive and corrective maintenance to ship loaders and belt conveyor
- system: drive motors, soft starters, de-dusting units, compressors, ring main units, various electrical instruments and equipment used in aggregate loading operation.
- Diagnostic and Remedial Work/Operations in the event of
- equipment failure / power outages in systems using relevant Engineering Drawings, Vendor Manuals and other Data to assist with corrective action.
- Diagnose malfunctioning systems, devices, component and equipment using testing devices to locate the cause of the problem and performs necessary corrective action such as Marine loading arms (EMCO Wheaton & KANON MLA), Motor Operated Valve (TYCO BIFFI, BERNARD CONTROLS, ROTORK & EMERSON), Nitrogen Plant, Air compressors & Generators.

- Prepare the following report/documentations:
 - Maintenance PM Checklist as per equipment assigned.
 - Daily status of In-House maintenance works.
 - Daily logs of scheduled and unscheduled In-House maintenance works.
 - List of parts/consumables for ordering (as required) with complete specifications.
 - Perform other duties as assigned.

PROJECT ENGINEER

Operation & Maintenance Technology Philippines, Inc.
 (ISO 9001-2001 Certified – Quality Management System)
 Engineering/Project Execution Department
 Sta. Rosa, Laguna, Philippines
 August 2011 – April 2013

- Performs electrical system design and proposal for new/additional machine installations according to client's requirements by ensuring design conformance with the regulatory and statutory standards.
- Develop budgets, estimating labor and material costs.
- Planning and scheduling of site activities, project handling and progress monitoring, supervision of technicians, technical report making and act as a quality assurance and safety officer prior to the project turn-over.
- Prepare and study technical drawings, specifications of electrical systems, and topographical maps to ensure that installation conform to standards and customer requirements.
- Performs planning and scheduling of site activities.
- Monitors project cost, manpower and material costs.
- Selects manpower for the specific job to be performed.
- Assures the implementation of all Quality Control and Safety Rules and Regulations.
- Ensures the implementation of Client's Company Policies, Regulations and Work Procedures.
- Ensures proper decorum of subordinates and good quality of work.
- Check quality of products before delivery and turn-over to client.
- Attends weekly department managers meeting and quarterly management review.