JUNE JOYCE VILLALUZ

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Prk7 Zone 2A Fuentes Maria Cristina, Iligan City, Philippines

PROFESSIONAL SUMMARY

Well versed on electrical and instrument equipment, including control system (DCS and PLC's). High experience on construction field and maintenance works especially on electrical and instrumentation and its overall management. Can handle various contractor or vendors local and foreign.

WORK EXPERIENCE

Electrical and Instrumentation Supervisor Sep 2012 - Dec 2021
THPAL • Surigao Claver, Surigao Del Norte, Philippines

- Understand documents on electrical and instrumentation such as but not limited to schematic diagram, control circuit, pneumatic and hydraulic diagram, P&ID, control narrative/logic, loop diagram, ESD, DCS, PLC's, switchgear/MCC panel (HV, MV & LV) and different kind of standards local and international.
- Established lot of documents for maintenance works such as point of maintenance (POM), standard operating procedure (SOP) and work flow procedures, safety procedures also for engineering works like estimation database, project specification (ITB), standard equipment specifications electrical or instrument and cost comparison for different vendors/contractors, additionally, for government related procedure such as permit to construct/install and permit to operate/occupancy.
- From construction I have inspected the quality of installation base on approved design and witness a lot of tests at field for equipment installed such as electrical, instrument, DCS and PLC.
- Assisted pre-commissioning, commissioning of coal fired power plant and mineral processing plant, to test its function base on plant design specification and equipment reliability and assisted startup of the plant every after PMS.
- Maintaining the plant equipment to be in good condition in order to keep its operation continuously and respond as quickly as possible from the request/trouble of operation.
- Achieved the overall management of spare parts warehouse by SAP system and workshop activities to support the operation needs.
- Achieved an excellent in project management system and actual execution/construction in line with the company expectation and specifications, major example as below.
    - Install 1.1MVA DEG with ATS and additional 2MVA DEG synchronize with STG.
    - Transmission line with 13.8kV with 2MVA load
    - 2-sets of 2MVA substation with switchgear and load centers.
    - Install OSI-soft PI, upgrade of PLC panels, DCS HMI and update DCS firmware installation of DCS module and controllers.
    - Various instrument and valves installation for gas, slurry, steam, N2 and H2S line.
- Handle direct report, contractor & sub-contractors, vendors (Filipino and foreign), conducted RCA for every unsafe/trouble encounter and provide a countermeasure.
- Reporting to managers as daily and monthly progress status.
- Established an education system within the company for the new employee for maintenance works.

EDUCATION

St. Peter College
Bachelor Degree on Electrical Engineering 2007 - 2011
Sabayle, Iligan City, Philippines

Corpus Christi Parochial School 2003 - 2007
Tubod, Iligan City, Philippines

St. Therese Academy 1998 – 2003
Tominobo, Iligan City, Philippines

SKILLS

- Microsoft office system (Excel, word, PPT and Project)
- AUTOCAD 2D software
- Able to use electrical & instrument tools such as IRT/WRT, multi-tester, current injector, HART475, AMS TREX, earth tester, HI-POT up to 160kV, power quality analyzer and transformer tester.
- Excellent on Distributed Control System (DCS) and Programmable Logic Controller (PLC).
- Instrument calibration and testing
- Able to use SAP system for maintenance function.
- OSI soft PI system maintenance and administrator.
- Excellent in leadership, flexibility and adaptability on work job.
- Good in communication to various person Filipino and foreign.

PROFESSIONAL CREDENTIALS

- Registered Electrical Engineer, REG# 0048927

OVERSEA EXPERIENCE

- FORMOSA Plastic corp., KAOHSIUNG TAIWAN, DCS System
- SUMITOMO metal mining, JAPAN, Electrical and Instrumentation maintenance
- MOGAS Sever service valve, TEXAS, Ball valves