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Electrical & Instrument

A versatile, result-driven professional with 14+ years of comprehensive experience developing exceptional relationships with client, peers, and senior leadership to provide sustainable business solutions. Exceptional project supervision leadership capability and management skills in data processing with strong expertise in the electrical & instrumentation engineering sector, Proven problem-solving and analytical thinking skills, able to learn quickly, have eager desire in any new experience and knowledge and ability to adjust to the roles required, enhance the ability of a company to capture a profitable market.

Key aims and objectives:

- To execute all activities safely and efficiently to agreed work plans, safety management system requirements and best working practices.

CORE COMPETENCIES

Relationship management ♦ Strategic Planning ♦ Communication ♦ Service Delivery ♦ Reporting ♦ Engineering ♦ Inspection ♦
Trouble-shooting ♦ Good understanding and Knowledge of Electrical & Instrument System ♦
♦ Pre-Commissioning ♦ Commissioning ♦ Start-Up ♦ Maintenance ♦ Database system ♦ Web Programming

EXPERIENCES AND ACHIEVEMENTS

OIL & GAS SERVICE COMPANY (Current : PERTAMINA PHE ONWJ), Indonesia (Dec 2011 - Present)

Client Service Representative (HESS, Conoco Phillips, Premier Oil, Total Indonesia, LNG Tangguh – BP/CSTS, PHE ONWJ YY Project)

- Consult with clients about data processing, review and ensure that all material certificates and certification files are up to date, including documentation from vendors and contractors; and review the relevant contractors and suppliers ITP's
- Witnessing inspection of all instrument & electric, and attend standard acceptance tests for main Instrumentation
- Planning and managing
- Ensured inspection activities are documented and recorded correctly and verify on quality control record in accordance with the standards
- Created work procedure for using equipment by safely, JRA (Job Risk Assessment) before starting a job
- Familiar with the permit to work system and isolation procedures.

Commissioning

- Having the necessary competencies in electrical & instrument discipline to carry out testing, corrective, breakdown and condition based maintenance
- Ability to work independently (Configure, Modification) on all Electrical System such as MCC, Switchgear, Motor 3 Phase Pump, AC/DC Distribution Board, Navigation System, Diesel/Turbine Generator.
- Modify and repair, replace the equipment system by first obtaining permission from the authorized engineering party
- Find errors and detect symptoms of damage that may arise and fix them as
- Participate in supporting both onshore and offshore exploration operations, to ensure the condition of the electrical & instrumentation equipment is secure and in compliance with safety, safely and ready-to-use standards
- Participate in risk assessment and observation as part of the implementation of the integrated safe system of work
- Ability to work independently (Configure, Modification) on Instrument System such as WHCP/WMS, PMS, RTU, IUG Package, all Pneumatic Systems, Control Systems.
- Ability to carry out day to day maintenance jobs using various types of test instruments like multi-calibrators, HART communicators, Temperature baths and digital oscilloscopes, etc.
- Ability to carry out work-site inspections, fault finding and installation, isolation and re-instatement of offshore equipment
- Able to read, interpret and mark up electrical & instrumentation technical schematic drawings to as built status

OIL & GAS SERVICE COMPANY, Indonesia (Feb 2009 - Sep 2011)

Client Service Company (Shell, PLN, PGN & MMC Oil)

- Visual & witness factory acceptance test/functional test
- Created standard operational procedure for package system
- To provide technical support and assistance to any query related Instrument & Electrical problem
- Ensure that all package can be function properly and complete with certificates, including documentation from vendors and contractors

- Confirm all loop details are correct against all project, vendor information, Electrical Schematic Drawing, Interconnection Drawing, P&ID, I/O schedule, data sheets, instrument index on data base, alarms and trips schedule including rack, slot, and channel location for I/O devices check.
- Performing pre-commissioning, commissioning, and start-up
- Inspection all Electrical & Instrumentation System.
- Find errors and make improvement instrumentation / electronic systems and equipment.
- Troubleshooting instrument and internal system include ground-fault.

Maintenance

- Having the necessary competencies in instrument discipline to carry out routine, corrective, breakdown and condition based maintenance
- Modify and repair, replace the equipment system by first obtaining permission from the authorized engineering party
- Find errors and detect symptoms of damage that may arise and fix them as
- Participate in supporting both onshore and offshore exploration operations, to ensure the condition of the instrumentation equipment is secure and in compliance with safety, safety and ready-to-use standards
- Participate in risk assessment and observation as part of the implementation of the integrated safe system of work
- Preparing the work permit and equipment, drawing technically at all times required and making daily work reports and saving as job history
- Ability to carry out day to day maintenance jobs using various types of test electrical & instruments like megger test, multi-meter, multi-calibrators, HART communicators, , etc.
- Ability to carry out work-site inspections, fault finding and installation, isolation and re-instatement of offshore equipment
- Able to read, interpret and mark up instrumentation technical schematic drawings to as built status

ENGINEERING COMPANY, Indonesia (Feb 2006 – Nov 2008)

Electrical & Instrument Supervisor

- Carry out maintenance activities and testing (Crane System, Control Motor 3 Phase, Control Modification)
- Functional test control valves and modification new installation if any
- Find errors and detect symptoms of damage that may arise and fix them as
- Participate in risk assessment as part of the system safety integrated / work permit preparation
- Daily report and planning long term maintain activities

Location & Organizer	Specialized Training	Dates
PHE	ECHO Ultrasonic Leak Gas Detector, CCTV, And F&G System	2013
PHE	F&G Commissioning Strategy and Methodology	2013
Teknika Regulindo Asia	OPERCOMM Methodology	2012
Samson Tiara	Tropical BOSIET & Travel Safety(OPITO) by Boat Code 5502	2011
P2M-Mechanical Engineering Department, Faculty of Engineering University of Indonesia	Electrical and Instrument System	2009
E & P Total Indonesia	Helicopter Underwater Escape Training (H.U.E.T)	2009
E & P Total Indonesia	Electrical Ability (Level; LR, L2V, HO)	2008
Samson Tiara	Basic & Advance Fire Fighting Training	2003
AMC Institute	PLC / Programmable Logic controller Training (Centre of Excellence for Chemical Technology)	2002
PT. Sulfindo Grup	Computer (Auto Cad 2D, Microsoft Office)	2001
PT. Sulfindo Grup	First Aid Training	2001
Marines Korps – Cilandak, Indonesia	KPSPP Leadership Training	2002

Personal particular & Preferences:

Date of Birth	: May 3 rd , 1983
Gender	: Male
Marital Status	: Married
Nationality	: Indonesian
Education	: Politeknik Negeri Jakarta D3 Electro Engineering
Year of Experience	: 14 years