

PDHARMA HARRIS SUTOPO

Address: Perumahan Muka Kuning Indah I
Blok Z/2 Batu Aji - Batam 29344
Phone/WA: 081372804050
Email: sutopo23@yahoo.com
Skype: haris-pta

**Personal Detail**

Place/Date of Birth : Surabaya, 13 Feb 1974
Height/ Weight : 170 cm/ 82 Kg
Nationality : Indonesia
Gender : Male
Marital Status : Married
Passport No : A6343416, Date of Expiry Oct 8th 2018

Summary of Work Experience

More than 19 years work experience in Oil & Gas and manufacturing. The experiences include:

- QA/QC E&I Inspector, Pre-Commissioning and Mechanical Completion of the Electrical and Instrument for SKIDS, PLATFORM, Ship Drilling, Wellhead control panel, Hydraulic power unit, and Umbilical system as per Project Specifications / Standard.
- Perform calibration and testing for Instrument Device such as PIT, TIT, PDIT, FIT
- Monitoring and quality control during construction/installation of the part of electrical and instrument such as perform Inspection of Support/Frame Equipment, Cable Tray Installation, MV and LV Cable Installation, Emergency Generator, UPS, Battery UPS, Transformer, Switch Gear, Cathodic Protection, MCC Panel, Hydraulics Panel, LV Panel, Grounding System Installation, Tubing installation, Pressure Transmitter, Level Transmitter, Temperature Transmitter, Flow Transmitter, PCV, MOV and HOV.
- Preparation, Review, Approval and Implementation for Site Projects Procedures related to E&I, Materials Inspection & Control, QA/QC Procedures and Quality Manuals, Quality Control Plans (QCP), Method Statements, Quality Management Procedures QMP and ITPs.
- Perform Factory Acceptance Test, Receiving Inspection, Installation Inspection, Test Inspection and Mechanical Completion for the E&I Construction as well as per Project Specifications.
- Review and ensure all specifications, drawings, quality records and necessary documentation are approved according to design requirements prior to implementation.
- Perform documentation for inspection test report, certificate, vendor data, mark-up drawing, punch list, dossier and familiar with database system (PIMS/ICAP).
- Comprehensive knowledge and understanding of Code and Standard

such as: ISA, NEC 2008 (NFPA 70), IEC, SAUDI ARAMCO Standard, DNV Standard, NEMA VE1, NEMA VE 2, PUIL 2000, NETA 2007

➤ Education Background

Formal Education

- *Shipbuilding Polytechnic Surabaya – ITS*
Graduate : *Diploma*
CGPA : 2.91 (Range: 4)
Field of Study : Ship Building
Major : Marine Power Electrical
Year Graduated : 1996
- *Senior High School*
SMA Negeri 9 Surabaya, Year Graduated 1993
- *Junior High School*
SMP Negeri 6 Surabaya, Year Graduated 1990

Non Formal Education

- Certified of Hazardous Location And Protection Equipment by Underwriters Laboratories Singapore on January 2013 (Certificate No: HLULT 2013007)
o <http://www.elprostudy.com/certificates.php?cert=HLULT2013007>
- Certified of Oil and Gas Industries Electrical and Instrument Inspector , by Professional Maritime and Offshore Engineering training IKBAL-MYOS on July–Nov '08, (Certified No. 085/INST.-V/XI/2008)
o <http://www.ikbalmyos.com/certification/certificate-holder.html>
- Workshop Project Management and Planning for Oil and Gas
o October 2013

Working Experience

1. E&I Inspector

RINA on behalf Swiber Offshore (India)

May 2016 – July 2016

Project : **Daman Development Project (Client ONGC)**

Job Description

- Inspection of Wellhead Control Panel and Test Separator Panel for the construction and installation tubing, ball valve, metering valve, pressure pilot sensor, pressure switch, pressure gauge, hydraulic tank, audible horn, pressure regulator, check valve, flame arrester, accumulator, etc, with referring to general arrangement drawing and P&ID schematic.
- Inspection and witness FAT (Factory Acceptance Test) for wellhead control panel and test separator refering the FAT procedure and Cause and Effect Diagram
- Inspection and witness the pressure test for hydraulic line and pneumatic line

for all panel

- Inspection and witness enclosure ingress protection test as per requirement on IP 65.
- Document review for material certificate, calibration certificate, type enclosure/hazardous area classification certificate for all panel.
- Checks and test relevant to purchased material at workshop and/or testing facilities of vendor and/or sub-vendor
- Issuing the Inspection Release Note after satisfactory completion of all inspection

2. E&I Inspector

RINA on behalf STCJO-Saipem Tripatra Chiyoda Join Operation

February 2015 – March 2016

Project : **Jangkrik Floating Production Unit (Client ENI)**

Job Description

- Inspection, checks and test relevant to purchased material at workshop and/or testing facilities of vendor and/or sub-vendor
- Issue to contractor the inspection reports as per the agreed contractor's format
- Review of vendor's document which shall be carried out either at vendor's premises or at Subcontractor offices.
- Responsible for completing the discipline scope safely and meeting all quality requirements as required by applicable codes, specification, standard.
- Perform Inspection and FAT for ICSS system such as marshaling cabinet and system cabinet for DCS, ESD and FGS. Including Server Cabinet, Network Cabinet, Power Distribution Panel and Fire Addressable Detector Panel for ICSS system
- Perform calibration and Testing of Instruments Field Device such as PIT, TIT, PDIT, and FIT.
- Perform inspection and testing of F&G Detector such as Fire Detector, Flame Detector, Smoke Detector, Gas Detector, and Manual Address Call Point.
- Perform Loop Test, Cause & Effect Test and Redundancy Test for System cabinet
- Responsible for identifying potential construction problems early, and initiate action together with yard responsible personnel.

3. Senior E&I Inspector Qualified by SAUDI ARAMCO

Jamaheer Construction LLC

May 2014 – November 2014

Project : Saudi ARAMCO, AL WASIT Project TIE-IN Platform

Job Description

- To ensure the successful Inspection and completion of the Electrical & Instrumentation discipline scope from pre-installation of components to final installation.
- Responsible for completing the discipline scope safely and meeting all quality requirements as required by applicable codes, specification, standard.
- Perform Inspection of Support/Frame Equipment, Cable Tray Installation, MV and LV Cable Installation, Emergency Generator, UPS, Battery UPS, Transformer, Switch Gear, Cathodic Protection, MCC Panel, Hydraulics Panel, LV Panel, Grounding System Installation, Tubing installation, Pressure Transmitter, Level Transmitter, Temperature Transmitter, Flow Transmitter, PCV, MOV and HOV.
- Perform Inspection of Cable Testing (Continuity, Insulation Test, and Hipot Test), Ductor Test, Bench Test & Field Calibration for Instrument Transmitter, Stroke Test, and Loop Check.
- Responsible for identifying potential construction problems early, and initiate action together with yard responsible personnel.
- Checking and review calibration of instrument and test datasheet, Electrical specification versus implementation, review AFC-Approved for construction drawing and advise preparation of As-Built drawing.
- Responsible to keep all relevant documents up to date in the site office central filing system.

4. E&I Inspector

NORSHORE AS,

August 2012 – January 2014

Project : Ship Drilling MT6002XL Norshore Atlantic

Job Description

- Perform Inspection and Mechanical Completion which related to Electrical and Instrument Equipment such as cable termination, motor installation, instrument installation, transformer installation, Main switchboard installation, Panel, MCC, Cable gland and tagging identification according to relevant procedures, standards installation and documentation.
- Contribute to the project is executed according to Norshore philosophy, the project's objectives and with minimal operational disruptions

- Review and comment on the Yards' Construction standards and Inspection and Test Plans.
- The inspector shall perform un-scheduled inspection wherever needed to secure the quality.
- Responsible for identifying potential construction problems early, and initiate action together with yard responsible personnel.
- Responsible to keep all relevant documents up to date in the site office central filing system.
- Participate in meetings requested by Site Project Manager
- Ensure fabrication activities are performed according to HSE&Q requirements
- Follow up and contribute to the smooth completion of the installation activities throughout the entire project.
- Follow up and ensure progress in accordance with the Yard and Norshore's Subcontractors Master Schedule

5. E&I Inspector

CV. Hanendra Marine

December 2011 – Augustus 2012

Project : Ship Barge CPO" owner by Kapuas Jaya Marine

Job Description :

- Perform Inspection, Verification and Testing of fabrication, construction and installation of electrical and instrument work perform by contractors/sub-contractors in order to confirm that the applicable rule, code and standard are being meet and that the project requirements on the design drawing/specification.(such as cable termination, motor installation, instrument installation, transformer installation, switchboard installation, cabling, Panel, MCC, glanding and tagging identification etc).
- Checking and review all inspection and test report, punch list and markup drawing.
- Assigned in checking of all instrument cabling, earthing and pipe work as per project specifications, Loop and Hook-up drawings, P&ID. Confirm all relevant loop components instrument check sheets are completed with no outstanding punch list item.
- Provide and maintain of as-built drawing and documentation.

6. Electrical Engineer

PT. Marine CadCam Indonesia

September 2011 – November 2011

Project : Living Quarter Ruby Field, PEARLOIL (SEBUKU)

Job Description

- Proposing Electrical Design of Living Quarter at Ruby Field Platform
- Provide Electrical Load Analysis and Illumination Lighting Calculation for LQ
- Provide Main Single Line Diagram, Distribution Single Line Diagram, Electrical Load Diagram, Cable Schedule, Cable Sizing, and power installation detail for LQ
- Provide Fire Detection Panel, Earthing Installation Detail, Cable Tray Routing Arrangement and Power Installation Detail.

7. TEST MANAGER

PT Opto Sensor International,

January 2007 – August 2011

Project : Spacelabs, Fireye, Rapiscan

Job Description

- Coordination Responsibility for all commissioning activities on board.
- Responsible to follow up on building process, preparation and execution of commissioning, ensuring that relevant documentation is available
- Technical acceptance testing (FAT) commissioning and handover process to operation
- Perform site installation /validation/ start up/ operation and maintenance system before release to production Carry out investigation of reported faults/ operating problems. Perform calibration on all test instruments as per customer required/procedure.

8. Asst. Test Manager at PT. Acropolis

March 2003 – December 2006

9. Electrical Technician at PT. Celestica

March 2001 - February 2003

10. Electrical Senior Technician at PT. NATSTELL BATAM

September 1996 - December 2000

Knowledge and Understanding of International Standard and Code

- ARAMCO STANDARD
- NEMA VE1 & VE2 – Cable Tray Material and Installation Guide
- AS/NZS 3000:2007- Electrical Installations (Known as the Australian/New Zealand Wiring Rules.
- IEC 60079 Series-Electrical apparatus for Explosive gas atmosphere
- IEC 60079 Series- Electrical Installations in ships
- IEC 61892 Series -Mobile and Fixed offshore units – Electrical Installations
- DNV-OS-D201- Offshore Standard-Electrical installation
- NETA 2007 – Acceptance Testing Specification for Electrical power
- PUIL 2000 - General Electrical Installation Requirement in Indonesia

- NEC 2008 –NFPA 70
- IEEC

Skill and Knowledge

A. Knowledge and Capability

- Knowledge about Lean Six Sigma and FMEA (Failure mode and effect analysis)
- Familiar with same tool of equipment assembly, such as: Megger, Current Injection, Hart Communicator, Spectrum analysis, oscilloscope, Multimeter, Power Meter, Signal Generator and Frequency meter.
- Computer literature :
 - AUTOCAD, MS Office, Lab View Programming Instrument

B. Languages

- Indonesian Spoken and written
- English Spoken and written

Best Regards



Dharma Harris Sutopo