

YOGESWARAN GUNASEELAN

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Educational Qualification

- **Bachelor of Engineering in Electrical and Electronic Engineering**, Anna University, India, 2012
- Completed **compEX Ex-01,Ex-02,Ex-03,Ex-04 (certification No : 55531)**
- Completed **IELTS** with overall Band Score 6.0
- **NDT (Level-2)**, in radiographic testing, penetrant testing, ultrasonic testing and magnetic practical testing, passed the examination accordance with ASNT requirement accordance of SNT-TC-1A.
- Completed Basic offshore safety induction emergency training (**BOSIET**) **OPTIO** approved including EBS & Travel safely by Boat.
- Completed Helicopter underwater Escape training (**HUET**) **OPTIO** approved including Sea survival, Fire fighting & self-rescue, First aid & Hypothermia and Boat transfer.

Working Experience

I have 4 years of experience in the field of Electrical Inspection, commissioning, Quality assurance and Quality control in Rigs.

1. Cutech Marine Service, Singapore

- Position : HA Inspector
- Duration : September 2016 to March 2017

2. Pacific Oriental Private Limited, Singapore

- Position : Electrical and commissioning Inspector
- Duration : November 2014 to August 2016

3. M S Electrical Private Limited, singapore

- Position : Electrical Inspector
- Duration : June 2013 – September 2014

4. Rane Steering System Ltd, India

- Position : QA/QC Engineer
- Duration : April 2012- May 2013

ON-GOING PROJECT

- Position : HA Inspector
- Project : LIBRA
- Client : OOGTK

- Place : Semcorp Marine – Tuas South Boulevard
- Duration : September 2017 to March 2017

Responsibilities

- Installation Inspection of Electrical Equipment's & Panels.
- Installation Inspection of Process Instruments and Panels.
- Installation Inspection of Fire & Gas Instruments and Equipment's.
- Installation Inspection of Telecommunication Instruments & Equipment's.
- Supervise Quality Control Function on site.
- Inspect Electrical & Instrumental work carried out by the yard.
- Supervise Cable tests such as Continuity test and Insulation test.
- Inspect and list all the Equipment Installed in the Hazardous Area.
- Interfacing with Engineering, Procurement, Planning as well as other Discipline.
- Raising Punch list against the ITR for Electrical & Instrument.
- Monitor and Sign off Electrical and Instrument Punch List and close out ITR.
- Physically Inspect Terminations and also Visual damage on the Equipment /Instrument on site.
- Check Whether the Installation as per the Area of Classification and Class Requirement for Hazardous Area Zone0,Zone1 &Zone2.
- Certified ATEX Compliance after Inspection carried out.

KEY PROJECTS HANDLED

PROJECT – 1

- Position : Electrical and commissioning Inspector
- Project : DLV-2000 (PIPELAY VESSEL)
- Client : MCDERMOTT
- Place : Keppel Singmarine (H381)
- Duration : July 2015 to July 2016

Responsibilities

- Implementation of quality plan for this project, which include inspection, testing and proper documentation and ensure that all works complied with client/Engineering issued drawing, applicable standards and specification.
- Inspect and witness the construction works as per their approved Inspection Test Plan.
- Invite client for witness and hold points in Inspection/Test.
- Ensure the effective coordination with the client related to inspection, testing activities and documentation.
- Ensure the implementation of Contractual Inspection and Tests.
- Prepare internal punch list and coordinate with the construction prior for inspection.
- Maintain all Quality Control Report.
- Coordinate with the client for punch list closure and final acceptance.
- Handoff experience with **ABB and Caterpillar in all commissioning activities.**

PROJECT – 2

- Position : Electrical and commissioning Inspector

- Project : UMW – NAGA 8 (JACKUP)
- Client : DNV-GL
- Place : Keppel Fels (B376)
- Duration : November 2014 to June2015

Responsibilities

- Implementation of quality plan for this project, which include inspection, testing and proper documentation and ensure that all works complied with client/Engineering issued drawing, applicable standards and specification.
- Inspect and witness the construction works as per their approved Inspection Test Plan.
- Invite client for witness and hold points in Inspection/Test.
- Ensure the effective coordination with the client related to inspection, testing activities and documentation.
- Ensure the implementation of Contractual Inspection and Tests.
- Prepare internal punch list and coordinate with the construction prior for inspection.
- Maintain all Quality Control Report.
- Coordinate with the client for punch list closure and final acceptance.
- Handoff experience **with ABB and Caterpillar in all commissioning activities.**
- Co-ordinate and carryout all the inspection activities starting from **Engine kick start, Engine start-up, Main and Emergency switchboard & MCC, Draw-Works, Vessel Instrumentation system, Tank Gauging system, Watertight door, Telephone system, Entertainment svstem. PAGA. Lighting. UPS. Fire and gas.**

Drilling instrumentation system.

- Maintain and monitor all the Electrical Test memo.
- Coordinate and assist the Vendor in all type of commissioning activities.

PROJECT – 2

- Position : Electrical Inspector
- Project : ENSCO-120 (JACKUP)
- Client : Ensco
- Place : Keppel Fels Shipyard (B329)

Responsibilities

- Implementation of quality plan for this project, which include inspection, testing and proper documentation and ensure that all works complied with client/Engineering issued drawing, applicable standards and specification.
- Implementing coverage of proper installation, wiring and cable laying, glanding , termination, witnessing of insulation resistance test and megger test.
- Ensure that all related inspection and testing activities with regards to Environment, Health & Safety procedures and maintenance rules are respected.
- Perform proactive surveillance inspection to minimize or avoid discrepancy and non-conformance rectification cost and time.
- Coordinate with the client for punch list closure and final acceptance.
- Witness and liaise with vendor/contractor for any related electrical equipment testing activities.
- Coordinate and assist construction to resolve any encountered problems related to inspection and testing activities to meet schedule and avoid any

delay of activities.

- Inspect and witness the construction works as per their approved Inspection Test Plan.
- Invite client for witness and hold points in Inspection/Test.
- Ensure the effective coordination with the client related to inspection, testing activities and documentation.
- Ensure the implementation of Contractual Inspection and Tests.
- Prepare internal punch list and coordinate with the construction prior for inspection.
- Maintain all Quality Control Report.

PROJECT – 3

- Position : Electrical Inspector
- Project : ENSCO-121 (JACKUP)
- Client : Ensco
- Place : Keppel Fels Shipyard (B330)

Responsibilities

- Electrical and Instrumentation inspections as a QA/QC scope of work.
- Pre-Commissioning activities till commissioning hand over.
- Support Electrical inspector to verify the punch item and enable into the system for rectifications.
- Single line drawing verification from engineering to the field execution.
- Ensure the project construction activities accordance with project specifications and quality system.

- Report and check sheet making with QA/QC standard and recorded.
- Check physical, material size, tag number, color code, model, process connection, reference drawing etc.
- Cable tray, cable tie down inspection according to the yard procedure.
- Cable termination Inspections, loop checking, Equipment installation inspection.

PROJECT – 4

- Position : Electrical Inspector
- Project : ENSCO- 5005 (Semi Submersible – Repair)
- Client : Ensco
- Place : Keppel Fels Shipyard (R373)

Responsibilities

- Electrical and Instrumentation inspections for the new build accommodation platform.
- Cable tray, cable tie down inspection according to the yard procedure.
- Cable termination Inspections, loop checking, Equipment installation inspection.
- Check sheet validation with inspection criteria and procedure.
- Documentation arrangements according to the quality standard.
- Maintain relationships with crews and contractors.
- Attending VSCC meetings on site.
- Preparation of Electrical procedures for installation test & commissioning.
Reading electrical design specifications and technical drawings.

PROJECT – 5

- Position : Electrical Inspector
- Project : ENSCO-5006 (Semi Submersible – Repair)
- Client : Ensco
- Place : Keppel Fels Shipyard (R374)

Responsibilities

- Electrical and Instrumentation inspections for the new build accommodation platform.
- Cable tray, cable tie down inspection according to the yard procedure.
- Cable termination Inspections, loop checking, Equipment installation inspection.
- Check sheet validation with inspection criteria and procedure.
- Documentation arrangements according to the quality standard.
- Maintain relationships with crews and contractors.
- Attending VSCC meetings on site.
- Preparation of Electrical procedures for installation test & commissioning.
Reading electrical design specifications and technical drawings.
- Implementation of Project Quality Plan and documentations of additional Inspection carried out the following:
 - Fire and Gas System Installation.
 - Emergency Shut Down Installation.
 - Cable tray Installation.
 - PAGA , Light, Switch & socket Installation.
 - Cable Laying and Termination.
- Preparation of Loop Packages for Sub-contractors reference and guide for pre-commissioning.

PROJECT - 6

- Position : Electrical Engineer
- Project : Super Star Virgo Cruise
- Client : Star Cruise
- Place : Sembawang Shipyard

Responsibilities

- Drawing Verification as per location with details from engineering supports.
- Pre-commissioning of electrical switchboard and instrumentation systems.
- Site activity inspections and monitoring to ensure compliance with approved procedure, specification and industry standards.
- Field instruments inspection for the loop checking, megger and voltage measurements.
- Ensure the project construction activities accordance with project specifications and quality system.
- Maintain relationships with crews and contractors.

PROJECT - 7

- Position : Electrical Engineer
- Project : Jascon – 18 (Pipe Laying Vessel)
- Client : STG
- Place : Kwong Soon Shipyard, Singapore

Responsibilities

- Drawing Verification as per location with details from engineering supports.
- Site activity inspections and monitoring to ensure compliance with approved procedure, specification and industry standards.
- Ensure the project construction activities accordance with project specifications and quality system.
- Report making with QA/QC standard and recorded.
- Follow up and rectifying discrepancies, notified for remedial actions including documentations.
- Cable tray, cable tie down inspection according to the yard procedure.

PROJECT – 8

- Position : QA/QC
- Client : Toyota, Hyundai
- Place : Chennai, India
- Duration : April 2012 – May 2013

Responsibilities

- Determine and establish quality standards related to products and service offered by a company.
- Testing all the aspects of a system both functionally and technically, in order to meet the requirements and overall quality of the intended system.
- Monitor the organization action are in the same path with the targets and advise improvements to do in the process.
- Ensuring execution of corrective actions, supervising the technical staffs.
- Experienced in the operation and maintenance of Steering system.

KEY SKILLS AND COMPETENCIES

- Ability to prepare Operation & Maintenance Manual.
- Conversant with international standards of **IES Rules, ABS STANDARD & ELECTRICAL INSTALLATION**.
- Auditing the quality management system, vendor organizations and suppliers. Owner follow up, corrective and preventive actions.
- Experience of working to British, European standards.
- Willing to be on a call out rota for emergency callouts.
- Strong decision making skills and the ability to prioritize and plan effectively.
- Methodical approach to all tasks. Knowledge of Building & Electrical Services.
- Ability and also willingness to work in all weather conditions and rotational shifts.
- Excellent client facing and communication skills.

Software

- Well versed with Microsoft Word, Excel, PowerPoint and Visio.

Achievements & Awards:

- Awarded Dean's list by the Faculty of Engineering, Anna University for the scholastic achievement in the year 2011.
- Successfully accomplished **Ethical Hacking & Information Security Workshop at Waves 2010**, Organized by Society of Electrical & Electronics Engineers, Anna University, Chennai.
- Successfully completed **Ensco-120, Ensco-121, Ensco-5005**, projects in **Keppel Fels shipyard**, Singapore.

Professional training Undergone

- Undergone a in plant training at **Bharat Sanchar Nigam Limited (BSNL), India**
- Completed an **English Speaking and Writing Test with high bands, conducted by Business Language Testing Service (BULATS), University of Cambridge.**
- Successfully completed **Shipyards Safety Supervisor** course (SSSC)
- Successfully Completed **Shipyards Safety Induction Course** (SSIC)

Personal Particulars

- Date of Birth : 25 March 1991
- Nationality : Indian
- Resident status in Singapore : Employment Pass
- Passport Details : K6712456
- Singapore Driving License : Class 2B, 3
- Marital Status : Unmarried
- Languages known : English, Tamil.