

Compex Certified E& QC Supervisor Onshore & Offshore

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Skills and Experience:

- More Than 17 Years of Experience in Electrical & Instrumentation Equipment's Installation, Inspection, Pre commissioning, QC Engineering in Oil & Gas Offshore Platforms, Plants, Marine Vessels, Submersible, FPSO & Jack-Up Drilling Rigs
- Ex Apparatus Selection, Installation, Inspection and Maintenance According To ATEX/IEC 60079 Standards
- Very Good Knowledge ISO 9000:2015
- Experienced in Third party inspection, COMPEX Inspection, Vendor Inspection and assisting in Pre-Commissioning of Electrical and Instrumentation Equipment's
- Approved inspector in **Qatar Energy, ADNOC, NOC QATAR, MARSEK OIL, BW offshore**

Strong knowledge on Electrical & Instrumentation and Installation, Inspection, Pre-commissioning and Commissioning as per international standard **IECEx, IEEE, NEC** and **ABS, API500** Rules and **DNV** for **MODU, MOPU**.

Directive 94/9/EC on equipment protection system intended for use in potentially explosive atmospheres ATEX According to the protection type IEC 60079-14/17 inspection and installation & Maintainers **Exd, Exe, Exn, Exp, Exo, Exi, Exq, Exm, Exs**.

Educational Qualifications:

2007 - BE (Electrical & Electronics Engineering) Secured **76%** with Distinction
NI Engineering College, kumara coil, Anna University.

2003 - Diploma (Electrical & Electronics Engineering) Secured **85%** with honors
Govt Polytechnic College, Nagercoil-4.

Additional Qualification

2013/2017/2022-CompEx Competence course for E&I (ATEX) – Singapore
CERT No: 108575



Comp "Ex" (Hazardous Area Equipment Inspection Certificate)

Selection, installation, inspection and maintenance of electrical and instrumentation equipment for use in potentially hazardous areas onshore and offshore.

2014 - Level 1 Infrared thermography course

Offshore Training Certificate:

2016-Interactive Minimum Industry Safety Training (For Experienced Personnel)
Cert No: 5311-1404787 (Course Code: 5311) Opito Approved



2022– BOISET with EBS (OPITO Approved Course, 5614) Expiry: 2025

2022- BASIC H2S (Opito approved 9014B) Expiry: 2026

2022- Offshore Medical OGUK validity 17/10/2026

EMPLOYMENT HISTORY IN ASIA Countries:

Company: SPIE Oil & Gas Qatar, NOC offshore Qatar	May 2023 to till date
Destination: Complex E&I QAQC Supervisor + Precomm Supervisor Client/Project: PWM + OBS module Extension A location	
Company: BV (Bureau Veritas) Onshore & Offshore, Qatar Energy	May 2022 to March 2023
Destination: Complex E&I QA QC Client/Project: ISND QATAR Energy WHP-U08C TOPSIDE, PIPELINES, UMBILICAL & BROWNFIELD MODIFICATION AT PS1K (PHASE 5-1B)	
Company: DRON & DICKSON (BW offshore), Gabon, Africa	Nov 2021 to Feb 2022
Destination: Ex LEAD ENGINEER Client/Project: ADOLO FPSO	
Company: BV (Bureau Veritas) Onshore, NOC, Qatar	Mar 2021 to Oct 2021
Destination: Senior E&I QC supervisor Client/Project: NOC Warehouse	
Company: OGRE PTE Ltd, Australia	Mar 2020 to Dec 2020
Destination: Senior E&I Technician Client/Project: MAERSK DELIVERER	
Company: Sembcorp Marine Ltd, Singapore	Jan 2020 to Mar 2020
Destination: Senior E&I Supervisor Client/Project: Johan Castberg FPSO	
Company: BV (Bureau Veritas) Offshore, Qatar Energy	Aug 2019 to Dec 2019
Destination: TPI E&I Inspector (Contract) Client/Project: QP /BUL HANINE Field- PS3 Production Platform	
Company: OGRE PTE LTD, Offshore, BAHRAIN, Rowan Offshore	Feb 2019 to July 2019
Destination: Lead Complex Engineer (Contract) Project: Rig 84 & Rig 85 Job Description: Electrical Inspection / installation/Precomm in both onshore and offshore in Bahrain	
Company: National petroleum Corporation Company (NPCC) –KENTECH	Jan 2018 to Jan 2019
Destination: E&I Engineer- Complex Certified (Contract) Client/Project: ADNOC / UMM LULU Full filed Development – ONSHORE	
Company: BV (Bureau Veritas) Qatar	Aug 2017 to Oct 2017
Destination: E&I Inspector /Incoming Receipt Inspector (Contract) Client/Project: North Oil Company -NOC / Al-Shaheen Production Platform	
Company: DNV-GL, Qatar	Jan 2017 to July 2017
Destination: DNV E&I Inspector Offshore (Contract) Client/Project: Maersk oil Qatar / Al-Shaheen Production Platform OFFSHORE	

EMPLOYMENT HISTORY IN SINGAPORE

OGRE PTE LTD

Onshore and offshore

October 2013 to Dec 2016

Destination: **Senior Electrical and Instrumentation Technician**

Job Description: Electrical Inspection / installation/ commissioning in both **onshore** and **offshore**

Project:

Client: Rowan Drilling	Project: Joe Douglas Jack up Rig	Location - Trinidad
	Project: Rowan Reliance Drill ship	Location - Korea-Mauritius
	Project: Rowan Relentless Drill Ship	Location- Curacao, USA (GOM)
Client: Atlantica Drilling	Project: Atlantica Delta (Tender Badge)	Location - China, Congo
Client: Shelf Drilling	Project: Trident XVI Jack up Rig	Location - Singapore
	Project: Baltic Jack up Rig	Location - Singapore
	Project: Trident II Jack up Rig	Location- India
	Project: CE Thornton Jack up Rig	Location- India
	Project: Trident XII Jack up Rig	Location - India
	Project: RTP & JT Angel (Jack up Rig)	Location - India
Client: Diamond Offshore	Project: Ocean Apex semi sub	Location - Singapore
	Project: Ocean Quest Semi-Sub Rig	Location- Malaysia, Vietnam

- Lead contractor to maintain material and works quality/standards according to project specification.
- Plan and enforce E&I works according to schedule and specified target.
- Solve the site issue and material/tools issue.
- Responsible for the clearance for both in-house and clients punch list.
- Responsible for supervising and witnessing all E&I fabrication and installation work.
- Witness E&I related module installation activities such as stanchion, field instrument, cable tray, cable pulling, air piping, impulse tubing & electrical heat tracing, telecommunication device to ensure conformity.
- Responsible for supervising and witnessing all instrumentation & telecommunication work which include instrument calibration activities & field installation works. Review technical documents, work method statements & ITPs.
- To monitor the priority system completion in schedule time. Update the as built changes in master drawing. If not in the requirement standard, advise the contractor not to proceed until the right information with engineering approval.
- Monitor the cable lay to prevent the cable ladder and MCT to get over loaded.
- Equipment bracket installation with earth boss and conform the location without clashing.
- Involving in inspection on 11KV system and all Instrumentation system as per IEC60079 regulation
- Review and analysis for mechanical completion check list for Electrical and instrument in addition, cable schedule. Inspect elect apparatus and Instruments for hazardous area requirements like zone, category, and class/division. Intrinsically safe hazardous area equipment's installations work.
- Implementing coverage of proper installation, wiring and cable laying, cladding, termination, witnessing of IR test/Earth resistance test/ Busbar testing/ hipot test.
- Initiate remedial or corrective action based on standard, code, and specification and verify the closure of NCR.
- Inspection of the Wellhead production System, ESD & PSD, PAGA system, MOV,ESV Valves and actuators Telecommunication System, Main electrical heat Tracing Distribution system, Emergency electrical power distribution system
- Studies the scope of work, approved drawings, specification, and Preparation of (E & I) method statement & Follow project standards & specification.

- Adverse knowledge in SAP for equipment document updating.
- Verify Each equipment Data sheet and Calibration cert and Pre-review material cert.
- Inspection and certifying on Well head control Valves, PT, TT, FT calibration and witness and issue certificate
- Verify and inspect all tubing spool installation as per P&ID and witness the tubing test.
- Witness and inspect all the new build installation of transmitter, cables, junction box as per IEC and MOQ standard. Close all the Document in SAP
- Ensure all the Inspections meet the Criteria of Approved Procedure & Drawings, Client's Specifications, Class Rules & Regulations (IEC, MOQ, BS), and Installation Standards
Electrical Completion (ITR)/ Commissioning – Cable Insulation Resistance Test (Megger), Transformer Megger Test, Open / Short circuit test for Live or Non-live Circuit/Switchboard (MCB, RCCB, VCB, MC, PLC, HMI, Solenoid), Auto or manual Operation of overall Power Generating System

Responsibility (Hazardous Area Inspection):

- Site Survey at the vessel for Actual Explosion proof equipment Registered.
- To ensure that certified equipment has been installed as per the detailed design, in accordance with its EX Certification (Including Special Condition of Use)
- According to the UL, CSA, API 500, NEC, ATEX, IECEx Standard (IECEx 60079-14/17)

Dyna-Mac Engineering Pte Ltd

May 2013 to October 2013

Destination: **CompEx Supervisor (Short-term Contract)**

Client/Project: **BP (British Petroleum) / FPSO - Quad 204**

- To co-ordinate with yard construction team and vendor, clarify the Engineering problem, raising site instruction, Material to order, attend the meeting and update the status with yard construction team and report to respective lead or manager thru e-Mail in coming material inspection and FAT according to Zone regulation and verify the certificate accordingly
- **Pre-installation inspections:** Verify that materials, equipment, and components meet specifications and quality standards.
- **Installation inspections:** Monitor the installation of electrical cables, cable trays, junction boxes, control panels, instruments, and other E&I equipment to ensure proper alignment, fit, and function.
- **Witness testing:** Observe and document the performance of various tests, such as insulation resistance tests, continuity tests, loop checks, calibration checks, and functional tests.
- **Post-installation inspections:** Conduct final inspections to verify that all work is complete, clean, and free of defects

Renu Engineering Inspection Pte Ltd (Jurong Shipyard)

May 2012 to April 2013

Destination: **Senior E&I Supervisor**

Client/Project: **SEADRILL**

- a) Jack-up Rig West Tucana & West Castor- Class ABS
- b) Jack-up-rig West Linus - Class DNV & Authorization DSB

Responsibilities:

- Supervision and co-ordination for loop checking, Pre-commissioning, and commissioning and preparation of instrument inspection test record (ITR'S) as per specification.
- In addition, cable schedule. Inspect hazardous area requirements like zone, category, class/division and EPL category. Comp 'Ex' methods of protection (**ATEX**), for elect apparatus and intrinsically safe hazardous area instruments installations.
- Follow 10D support emergency access way and all the electrical equipment installation should meet DSB regulatory body standard.

- Supervise and clear Commissioning related punch lists/outstanding works. Coordinate with the contractors and facilitate vendors on pre-commissioning and commissioning activities for equipment.
- Co-ordinate, Plan, Assemble, Supervise, Assign and Control all the QA/QC jobs under the Electrical & Instrumentation discipline.
- Conduct and Co-ordinate the with the third party/vendor
 - Cable Installation – Cable Tray (SS & Galvanized), Flat bar, Trunking System, Brackets.
 - Earthing Installation – Instrument Earth, Intrinsically Safe Earth, Protective Earth (Earth Boss, Flexible multi-Strand Conductor type, Crimp Type, Hexagonal bolt with Plain & Spring Washers).
 - In-coming Inspection – Internal/External damage, FAT, Serial, Tag, Preservation etc.
 - Equipment Installation – Generator, Transformer, Motors, Lights, Sockets, Receptacles, PAGA, PABX, Smoke or Heat detector, MCS, Amplifier, Splitter, Solenoid valve, Level Transmitters, Pressure Transmitter, Transducers, Proximity Sensor, Humidity Sensor, Echo sounder, LAN, CCTV, Navigations Systems, Radio Antenna Systems etc.
 - Switchboard Installation – Alignment, Bus-bar Torque-ing, Cable entrance, Torque marking.
 - Cable Binding – Armor/ Non-armor Cable, Segregation of LV, HV & IT cable, CAT 7, Fiber Optic Cable, Cable Glands, Brass, and Dummy
 - Cable Termination – Drilling Switchboard, Distribution Switchboard, Control panel & JB, Cable Lug, Core Identification, HV Termination, Wiring, 2-Way Switch, Dimmer Control Panel etc.

SK Electrical Pte Ltd, Singapore (Jurong Shipyard & Keppel)

Jan 2008 to April 2012

Destination: **QA Engineer**

Project Handle **1. Nobel Danny Adkins and Noble Jim Day** (New Built Semi-Submersible project)
 2. Atwood Osprey (New Built Semi-submersible project)

Duties and Responsibilities:

- Coordinate with the client to prepare the punch list clear according to ABS requirement.
- Design and prepare tender drawings, electrical shop drawings and specifications.
- Provide technical directions to produce, engineer and design teams throughout project stages.
- Supervisor of inspection test report (ITR) and electrical completion (EC) for project semi-submersible Oil Rig.
- Proficiency in using fiber optics tools - OTDR, Power Meter, VFL, Fusion Splicer, TDR, and Continuity Tester

Personal Profile

Date of birth	: 25 th July 1984	Marital Status	: Married
Gender	: Male	Nationality	: Indian
Passport No	: Z3461025	Driving License	: Singapore Class 3
Availability	: One week after Visa Approval		

Deceleration:

I hereby that the information furnished above is true to best of my knowledge.

M.S. Hygiene Jose

