

N.KARTHIBAN

Sri Amman Illam,

Kambar Street,

Alangudi (TK), Pudukkottai (DT),

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**CAREER OBJECTIVE**

Want to work in a competent atmosphere which enables me to be in update with the Emerging trends that widen my spectrum of knowledge for the process concern.

**SUMMARY**

* More than 8 years of experience as an **E&I/COMPEX Certified QA/QC Engineer** in the field of **Marine (New build of FPSO, FSO, Semisubmersible and Jack-up oil Rig) and Oil & Gas**, **and Power Plant.**
* Experience in ATEX/IECEx hazardous area inspection of Marine EIT systems and HV Substation, Oil Refinery, fuel pumping station and Power Plant.
* Inspect all Hazardous Area Equipment located in classified “Hazardous Area Locations”
* Assist in developing a registry of all electrical equipment located in “Hazardous Area Locations”
* Identify all items that do not comply with applicable standards and specifications to develop a punch list.
* Extensive familiarity with field specification and E&I equipment’s
* Manage and report daily reports to reflect daily inspection progress
* Auditing the quality management system, vendor organization and suppliers, corrective/preventive action.
* Planning the inspection activities based on production schedule, supervision of job, orientation and monitoring of field personnel.
* Conversant with international standards of **IEC Rules, ABS & DNV GL STANDARD** (Electrical Installation, Inspection and Commissioning).
* Able to understand system architecture diagram, Single line diagram, Electrical wiring, Electrical Layout, Instrumentation Specification Sheet, Instrumentation Diagram, Installation schedule, Loop diagram, Hook-Up Drawing, Instrumentation Location plan, , I/O list, Cable schedule, cause & effect diagram, Layout drawing, P&I Diagram.

**SUMMARY OF WORKING EXPERIENCE**

1. **SEPCOIII Electric Power Construction Co.,Ltd, Bahrain**

Position : QA/QC E&I / Ex Engineer

Period : Feb-2020 to Till

**Project Handled**

* + - **Al Dur Phase II IWPP Project**

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| --- | --- | --- | --- |
| * Client | : Haya Power and Desalination Company B.S.C. | | |
| * Type | : Independent Water and Power Project |  |  |

1. **SEMEC Specialized Project L.L.C, Oman**

Position : QA/QC E&I Engineer

Period : Oct-2019 to Feb-2020

**Project Handled**

* + - **DUQM Refinery Project - EPC1**

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| --- | --- | --- | --- |
| * Client | : Tecnicas Reunidas Daewoo L.L.C | | |
| * Type | : Crude Oil Refinery Plant |  |  |

1. **Tiejun Sohar Power Construction L.L.C (SepcoIII), Oman**

Position : QA/QC E&I Ex Engineer

Period : Aug-2018 to Dec-2018 (4 Months Contract)

**Project Handled**

* + - **Sohar III Independent Power Project**

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| --- | --- | --- | --- | --- |
| * Client | : Shinas Generating Company (SAOC) | | |  |
| * Type | : Combine cycle gas fired power project |  |  |  |

1. **SembCorp Marine Ltd, Singapore**

Position : QA/QC E&I / Ex Inspector

Period : Jan-2014 to Jan-2018

**Project Handled**

* + - **Q5000 DP3 Well intervention Vessel**

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| --- | --- |
|   Client | : Helix |
|   Class | : ABS (American Bureau of Shipping) |
|   Type | : Semisubmersible |

* + - **NOBLE LLOYD NOBLE (CJ70)**

|  |  |
| --- | --- |
|   Client | : Noble Drilling (Asia) |
|   Class | : DNV ( Det Norske Veritas) |
|   Type | : Jack-up Rig |

* + - **FPSO PIONEIRO DE LIBRA**

|  |  |
| --- | --- |
|   Client | : OOGTK (Obredecht Oil & Gas and Teekay Offshore) |
|   Class | : ABS (American Bureau of Shipping) |
|   Type | : FPSO |

* + - **FSO AILSA CULZEAN**

|  |  |
| --- | --- |
|   Client | : Maersk Oil North Sea UK Limited |
|   Class | : DNV ( Det Norske Veritas) |
|   Type | : FSO |

**Responsibilities**

* Study and Review of Technical specification from Client, Prepare Project Construction Procedure and work instructions specific for project requirements. Also prior to originate following documents and procedures used to submit to Client and Class to get approval
* Project Quality Plan
* Inspection Test Plan
* Electrical Equipment Installation Procedure
* Cable Installation and Inspection Procedure
* Cable Testing Procedure
* Quality Control Procedure
* ATEX Procedure
* Responsible of all Electrical inspections as per Inspection Test Plan (ITP).
* Conduct project induction at the beginning of project and brief to all concern section about project quality objectives and requirements.
* Adroit with the concept of inspection on installation of Ex-equipment (Exd, Exe, Exi etc.) and associated accessories in potentially explosive hazardous atmosphere (IEC 60079-14 & 17).
* Checking and verification of the IP ratings, Equipment details, Zone classification (EX01, EX02, Ex03 & EX04) of the equipments in potentially explosive atmospheres according to the drawings/standards.
* Demonstrated abilities in performing materials receiving inspection, handling storage, preservation and ensuring compliance to the requirements.
* Verify all equipment/material verification in accordance to Data Sheet and vendor/manufacturing certificate & witnessing FAT (Factory Acceptance Tests) of Electrical.
* Checking and review the vendor documents (datasheet, calibration certificate and ATEX certificate) for electrical.
* Implementing Factory Acceptance Tests (FAT), Site Installation Tests (SIT), Site Acceptance Tests (SAT) and approving check sheet of various components of Integrated Process Control & Safety Systems; DCS, ESD, UPS, Fire & Gas, HVAC, Analyzer and Communication system cabinets & consoles.
* Accountable for witness Calibration, Insulation, Loop checking & Functional Tests of Pressure, flow, temperature, Level instruments, Analyzers, Control/ On-Off Vales, Fire & Gas Instruments, etc.
* Perform inspection during fabrication and installation of electrical and equipment support (Electrical cable Tray/ladder installation, Equipment/JBs/Lighting installation, Cable Routing, Laying, Segregation, Sealing, Termination & Grounding).
* Steered efforts in reviewing Mechanical Completion Dossiers, As-built drawings and Instrument Loop test packages.
* Perform pre-termination and termination inspections for the system as per the terminal connection drawings.
* Perform Equipment and Electrical testing such as Insulation Resistance, Continuity tests and Hi-pot test of cable.
* Co-ordinate and liaise with clients, surveyors, suppliers and sub-contractors.
* Coordinate all the day to day inspection and resolve the site issues.
* Perform inspection with clients for acceptance and Approval of job.
* Holds the credit of representing the company in final walkthrough, Generation of Punch lists, expedite timely close out as per A, B and C categories.
* Ensure all the Inspections meet the Criteria of Construction Standards, Approved Procedure & Drawings, Client’s Specifications, and Class Rules, Codes & Regulations (DSB, DNV, and ABS).
* Perform remedy action and submit the related documents to CLOSE the NCR (Non Conformance Report) Issued by Consultant.
* Performed Surveillance audit, quality walk at work site by maintaining frequency of inspection and make surveillance audit report, issuing CAR if any Non-conformity at site and perform CAR management by using CAR log system and QAQC control management system.
* Prepare and maintain the Request for Inspection (RFI).
* Prepare the project final data book as per project requirements and handover to the client.

1. **SD Engineering Pvt Ltd, India**

Position : QA Engineer (Electrical)

Period : Feb-2012 to Aug-2013

**Project Handled**

* **KPPL/ CPCL Oil Refinery, Puducherry – Nagapattinam** Client: KPPL/CPCL and NRPL India Pvt Ltd., Turn Key Projects (Oil & Gas)

**Responsibilities**

* Perform cable routing, tinplating & laying inspections.
* Pre installation checks for the Electrical equipments as per the standard.
* Cable line/loop check.
* Perform high pressure test on sensor cables as per the vendor specification.
* Perform bus bar torque inspection for Switchboard and other major Electrical equipments as per the vendor controlled certificate.
* Checking, Verification & Testing of

1. Main Power Generation and Distribution system
2. Interruptible and Non Interruptible supply system.
3. Battery Charger Unit
4. Switch boards and Distribution boards.
5. Step up and Step down transformers.
6. Rate Propulsion Motor.

* Prepare check list for all kind of inspections as per the Normative Technical Document (NTD) and contract specifications.

1. **Suspa Pneumatics India Private Limited, India**

Position : Technical.Asst

Period : May-2010 to Oct-2011

**STRENGTH**

* Hard worker, Responsibility with my job, Obedient to your instructor
* Can work under pressure, independently and also as a team
* Excellent grasping capability and understanding the concepts clearly
* A Self-motivated team player, with excellent confidence & commitment
* Sense of Responsibility and a very hard worker
* Ability to adjust to the situation

**CERTIFICATION**

1. CompEx Certified E&I Ex Inspector (EX01 to EX04)

**Details**

Certificate Number : 62621

Expiry Date : 10-10-2023

Certification Body : JT Limited, UK

1. ASNT Level II (UT, PT, RT, MT)

**Details**

Certificate Number : 141104

Expiry Date : 28.11.2017

Certification Body : BETZ, Chennai

**EDUCATION**

**Diploma in (Electronics and Communication Engineering) Director of Technical Education Tamil Nadu, India. Year 2007 – 2010**

**COURSES ATTENDED**

* Participate of the soft skill and communication class
* Shipyard safety Course General Trade and Hot-work Trade
* Cable gland installation Course
* MCT installation Course

**COMPUTER ABILITIES**

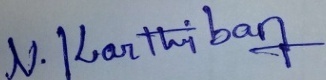
* Drawing Tools - AutoCAD 2D, 3D
* Operating System - Win XP, Vista & Windows 7,8,10
* Word Processing Presentation - MS Word, MS Power Point
* Database Spreadsheet - MS Excel, MS Access

**PERSONAL PROFILE**

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| Name | : Karthiban |
| Date of Birth | : 08.07.1991 |
| Sex | : Male |
| Father Name | : Natarajan |
| Marital Status | : Married |
| Nationality | : Indian |
| Driving License | : India (M/CYCL & LMV) |
| Languages Known | Singapore (Class 3C & 2B )  : Tamil & English | |
| Passport Number | : J3617996 |
| Date of Expiry | : 07/12/2021 |
| Place of Issue | : Tiruchirapally, India |
| Current Location | : Bahrain |
|  |  |

**DECLERATION**

I declare that the information given above is complete, true and accurate. Any false particulars or suppression of material facts will render me liable to disqualification and if appointed to dismissal without notice from your company.

**** **Yours Faithfully**

(**N.Kartiban)**

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