Candidate Profile

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| Candidate Name: | Manimoli Rajaram | | |
| Client Name: | **Exxonmobil** | | |
| Position Applied: | Inspection Engineer | | |
| Consultant Name: | Jerusha Lieow Lengse | | EA Personnel Registration No. R1543596 |
| Consultant Contact Details: | Jerusha\_Lieow@kellyservices.com.sg | | |
| O (65) 6709 3441 | M (65) 9750 4536 | F (65) 6337 1950 |

**Candidate Summary**

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| Gender: | Male |
| Date of Birth: | 7th July 1985 |
| Marital Status: | Married |
| Nationality: | Singapore PR |
| Languages: | English |
| Availability: | 1 month |
| Salary: | Current basic – SGD 8750 x 12 months  Allowances – SGD 100 transport allowance  Variable Bonus – 2 months variable bonus  Expected Salary – SGD 9-10K per month. Open to discuss |

**Kelly Consultant’s Comments**

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| * Candidate has more than 12 years of working experience as an Inspection Engineer, QA/QC Lead Inspector, Vendor Inspector, Senior Mechanical/ Welding/ Piping Inspector, QA/QC Inspector and Third Party Inspector in Marine and Oil & Gas Industry. Worked in various FPSO projects, Jack-up Rigs, Subsea Projects, Refineries, Petrochemical Plant, Power Plant and LNG Projects. * Has extensive experience in vendor inspection, raw material inspection, construction, fabrication, installation, mechanical completion, pre-commissioning, in-service inspection and Turn around/ Shut-down inspection. * Has Extensive Field experience with Onshore and Offshore projects, Process Plants, Brown Field projects & Green Field projects. * Strong Knowledge in review and inspection of materials, welding, NDT and Coating. Experience in Project Document Control, Commissioning, Completion and Final Documentation. * Conversant with international codes, standards and specifications such as API, ASME, ANSI, AWS, AISI, ASTM, BS, NORSOK, DIN, ABS, DNV, UKCS Requirements, EU Directives, etc. |

**EMPLOYMENT HISTORY**

**Oct 2014 - Present**

**BW Offshore Pte Ltd, Singapore.**

**Inspection Engineer/ Vendor Inspector (Client Representative)**

Key Responsibilities:

* Attend Kick off Meeting and Pre Inspection Meeting with Vendors / Contractors for various packages.
* Review and Approve Supplier/ Contractor / Vendor documents such as PQP, ITP, WPS, PQR, Consumable Control Procedures, NDE Procedures, Hydro/ Pneumatic/ Leak Testing Procedures, Coating/ Insulation Procedures, Packing and Preservation Procedures, etc.
* Ensure the compliance of all the project requirements such as Classification Society (DNV-GL), Independent Competent Person (For Safety Critical Elements), UKCS Regulations (United Kingdom Continental Shelf)/ North Sea Project Regulations and NoBo (Notified Body) and BWO / Premier Oil Project Specifications.
* Ensure the adherence of all construction activities including Mating Cone Module (MCM), Turret, Modules and its Piping works, various kind of Equipment and its associated items as per ITP and CEP.
* Ensure all the E&I Items, Specialty Items, various kind of valves are meeting project requirements from procurement to installation and final inspection.
* Witness walk-down, punch listing, pressure testing, Load test, Vibration test, FAT and Final Inspection as per approved ITP requirement for various kinds of packages including Rotating / Static Equipment and piping.
* Raise NCR, QOR and Surveillance reports as necessary and ensure corrective actions are taken timely to close all NCR.
* Liaise with International Third Party Inspection Agencies, Classification Surveyors, ICPs, NoBo, PMO and Contractors / Vendors / Suppliers for all the project related inspection activities.
* Review and approve all the project documentation works in accordance with Project Close-out procedures.

Project:

* Catcher FPSO Project (UKCS-North Sea Project)
* Abo FPSO Vo-87 Life Extension Exec. Phase
* Class: DNV-GL

Reason of Leaving: Is interested in seeking a long term permanent opportunity with better career challenges and learning exposure in the downstream petrochemical/ oil and energy industry. Current contract is ending in Oct 2016.

**May 2012 - Sep 2014**

**Worley Parsons Private Ltd, SINGAPORE.**

**QA/ QC Lead/ Inspection Engineer (Client Representative)**

Key Responsibilities:

* Perform and strictly monitor the construction execution and inspection activities as per approved ITP, CEP and Project Specifications.
* Review and Approve Sub-contractor’s construction execution and quality procedures.
* Witness Procedure Qualification Records and Tests, Welding operator and WQT.
* Ensure compliance of incoming construction materials to the project specifications
* Inspect and verify various kinds of Static and Rotating equipment, Storage Tanks for its compliance to the project requirements.
* Ensure the adherence of all construction activities including erection and installation of piping, structural steel, and storage tanks, static and rotating equipment as per CEP.
* Inspect coating and insulation works for its compliance to the project requirements.
* Evaluate NDT results and approve the reports as per construction code.
* Ensure static and rotating equipment refurbishment works to the contract requirements.
* Assess and approve the integrity of the refurbished equipment in accordance with MDS.
* Inspect and verify alignment, orientation of the static and rotating equipment during installation at site in accordance with the approved drawings and documents.
* Witness walk-down, punch listing, pressure testing, Load test, Vibration test as per approved ITP requirement for various kinds of rotating/ static equipment and piping.
* Verify Project weld status; weld repair status, welder performance report on weekly basis.
* Verify Instruments used in the project are calibrated as per project QA procedures.
* Raise NCR, QOR and Surveillance reports whenever necessary and ensure corrective actions are taken timely to close all NCR.
* Liaise with Client, MOM Inspectors, Third Party Inspectors and Sub-contractors for all the project related inspection activities.
* Approve Sub-contractors submittals like Test Packages / Equipment / System Dossiers.
* Compile and hand-over project documents and system dossiers to Client.

Projects:

* BASF – 11kt Irganox 1010 Project (Brown Field)
* Client: BASF – The Chemical Company
* Chevron Tank Conversion Project (Brown Field)
* Client: Chevron Singapore Pte Ltd

Reason of Leaving: Contract ended

**May 2010 - Apr 2012 (Process Plant)**

**Petrochemical Corporation of Singapore Private Ltd (PCS), Singapore.**

**Process Plant Inspector (Client Representative)**

Key Responsibilities:

* Perform and strictly monitor the following inspection activities as per company policies and procedures.
* Ensure safety and reliability of fixed equipment through routine monitoring programs and planned internal/ external inspections.
* Develop piping and fixed equipment inspection plans using risk-based methodology.
* Interpret/ Evaluate inspection and NDE data in support of piping and equipment inspection plans.
* Monitor the long-term serviceability, safety and reliability of plant equipment through routine monitoring programs and planned internal and external inspections.
* Inspect various kind of storage tanks such as floating roof, cone roof, dome roof, etc., pressure vessels such as boilers, towers, reactors, heat exchangers, drums, columns, furnaces and piping.
* Maintain complete and accurate records during inspections so that they can be transferred to the permanent files.
* Coordinate and direct the daily activities of outside inspection contractors during turnarounds and special activities.
* Develop and steward the thickness-monitoring program in accordance with recognized codes and standards, such as API-510, API-570 and API-653.
* Inspect independently and monitor all repair and construction work to be certain it is being done per the plans and adheres to all specifications and codes required.
* Perform periodic safety relief device surveys including pressure vacuum relief vents (PVRV) and rupture disk and recommend appropriate inspection intervals.
* Develop and maintain the fixed equipment inspection procedures.
* Monitor and report on the activities and quality of contractors in conjunction with their QA/QC representative.
* Evaluate corrosion monitoring data predict equipment life and adjust inspection intervals as required.
* Participate in the planning of temporary repairs & approve the execution of such repairs.
* Coordinate bi-annual boiler and its associated equipment inspections.
* Monitor daily welding related activities by means of inspection methods, qualification and documentation of welder certifications, WPS and procedure qualification records.
* Carry out On-stream Inspection (OSI) for various kinds of fixed equipment and piping.
* Line walk/ punch listing and witnessing of pressure test, leak test and vacuum test.

Reason of Leaving: Contract ended

**May 2008 - Apr 2010**

**McConnell Dowell SEA Private Ltd, SINGAPORE**

**Senior Mechanical / Piping / Welding Inspector**

Key Responsibilities:

* Perform and strictly monitor the construction execution and inspection activities as per approved ITP, CEP and Project Specifications.
* Review and approve welding procedure specifications and procedure qualification records.
* Witness welding operator and welder qualification tests.
* Inspection of various kind materials such as Pipes, Tubes, Fittings and plates of various types of specifications such as carbon steel, Low alloy steel, Stainless steel as per ASME Sec-II Part –A and Part-B.
* Inspection of welding consumables as per ASME Sec-II Part-C and ensure the proper storage and handling of welding consumables.
* Responsible for the Inspection of all welding activities in the Projects covering Power Piping, Pressure Piping, in accordance with Quality plan, Codes and Standards.
* Review Preheat / PWHT Procedures for welding of the Alloy steel materials such as SA 335 - P91, P22 & P11.
* Inspect all fit up of Piping, Flanges & Tie in joints before Welding.
* Conduct Visual Inspection on the welded Joints and Maintain the Traceability on the job and verify the weld map of relevant Isometric drawing.
* Monitor welder performance and taking corrective action.
* Interpretation and Evaluation of NDT results (PT, MT, PMI, RT, UT, PAUT& PWHT).
* Assure all piping fabrication and handling of fabricated spools and installation are in accordance with general arrangements and isometric drawings/ project specification.
* Preparation of piping test packs according to P& ID and Isometric and organizing, witnessing pressure test according to client specifications.
* Taking timely actions to satisfy project management team in all QA/ QC related issues.
* Daily/ weekly/ monthly reporting of QA/ QC activities to project management and client.
* Co-ordination with 3rd party inspection agencies and clients for the inspection activities.

Project

* Sub-sea Pipelines (SPT),
* SBRs and PARs Project (SPT)
* Client: ExxonMobil Asia Pacific Pte Ltd

Reason of Leaving: Contract ended

**Sep 2005 - Apr 2008**

**PPL Shipyard Pte Ltd, SINGAPORE.**

**QA/ QC/ Welding/ Piping Inspector**

Key Responsibilities:

* Prepare ITP, CEP, WPS and Mechanical procedures.
* Arrange and Co-ordinate Factory Acceptance Tests, Functional Tests and Load Tests.
* Carry out raw material / fit-up / welding / visual inspection and co-ordinate NDT activities.
* Carry out coating and insulation inspections as per approved procedures.
* Carry out final inspection on various structures such as Jack case, Skidding system, Drill Floor Structure, Crane structure, Anchor winches, Secondary structures, Platforms and Chord to Rack (Leg structure) and Marine Piping/ Mud pipes as per project requirements.
* Control welding consumable and weld defect rates as per the project procedures.
* Verify and ensure the condition & availability of calibrated instruments and pressure gauges used at site.
* Spot check/ cross check the NDT works as necessary and verify PWHT results and the required hardness on the parts prior to release.
* Interpretation of radiographs and evaluation of NDT results (PT, MT, RT& UT).
* Review fit-up report, weld summary, NDT report & compile in to respective project folder.
* Liaise with Client and ABS Classification Surveyor for witnessing of pressure test, functional test and co-ordinate inspection activities.
* Compile and hand over all the project quality control documents to Client.

Project

* Pacific Class 375 – Jack-Up Rigs (Various Projects)
* Clients: Petro jack I, II, III, Awilco offshore, National Drilling Company, Arabian Drilling Company,
* Aban Abraham Drilling Company, Japan Drilling Company

**Mar 2005 - Jun 2005 (SHUT-DOWN)**

**Integral Services Company, KUWAIT.**

**Inspection Engineer (Kuwait National Petroleum Company - KNPC)**

Key Responsibilities:

* Perform and strictly monitor the following inspection activities as per company policies and procedures.
* Ensure safety and reliability of fixed equipment through routine monitoring programs and planned internal/external inspections.
* Develop piping and fixed equipment inspection plans using risk-based methodology.
* Interpret / Evaluate inspection and NDE data in support of piping and equipment inspection plans.
* Monitor the long-term serviceability, safety and reliability of plant equipment through routine monitoring programs and planned internal and external inspections.
* Inspect various kind of storage tanks such as floating roof, cone roof, dome roof, etc, pressure vessels such as boilers, towers, reactors, heat exchangers, drums, columns, furnaces and piping.
* Maintain complete and accurate records during inspections so that they can be transferred to the permanent files.
* Develop and steward the thickness-monitoring program in accordance with recognized codes and standards, such as API-510, API-570 and API-653.
* Inspect independently and monitor all repair and construction work to be certain it is being done per the plans and adheres to all specifications and codes required.
* Evaluate corrosion monitoring data predict equipment life and adjust inspection intervals as required.
* Participate in the planning of temporary repairs & approve the execution of such repairs.
* Carry out On-stream Inspection (OSI) for various kinds of fixed equipment and piping.
* Line walk/ punch listing and witnessing of pressure test, leak test and vacuum test.

Reason of Leaving: Decided to seek a new career opportunity in Singapore

**May 2003 - Feb 2005**

**Scaanray Metallurgical Services, INDIA.**

**Third Party Inspector**

Key Responsibilities:

* Witness WPS/ PQR and WQT as per required codes and standards.
* Visual inspection of various kind of equipment like pressure vessels such as exchanger, spherical tanks, column, cooling tower and piping, tubing, structures, Etc.
* Control welding consumables and weld defect rate as per procedure.
* Conduct Visual Inspection on the welded Joints and Maintain the Traceability on the job and verify the weld map of relevant Isometric drawing.
* Monitor welder performance and taking corrective action.
* Interpret and Evaluate NDT results (PT, MT, PMI, RT, UT, PAUT& PWHT).
* Witness and carryout Ultrasonic Flaw Detection, MT, PT for various kinds of items like LPG Bullet, Ducts, Pressure Vessels, Girders, etc.
* Witness PMI on Weld metal and Parent metal to ensure the materials and consumables.
* Assure all piping fabrication and handling of fabricated spools and installation are in accordance with general arrangements and isometric drawings/ project specification.
* Preparation of piping test packs according to P& ID and Isometric and organizing, witnessing pressure test according to client specifications.
* Co-ordination with Clients for the inspection activities.

Handled various projects at the following client locations:

* Chennai Petroleum Corporation Ltd (CPCL)
* Tamil Nadu Petro-Product Ltd (TPL)
* Oil and Natural Gas Corporation Ltd (ONGC)
* Indian Oil Corporation Ltd (IOCL)
* Kothagudem Thermal Power Station (KTPL)
* Bharat Heavy Electrical Ltd (BHEL)
* Leighton Contractors India Pvt Ltd.

**TECHNICAL SKILLS**

* Computer skills:
* MS Office (Access, Excel, Word and Power point)
* Professional Software Used:
* Pro Arc
* Encompass, Etc

**EDUCATION & PROFESSIONAL DEVELOPMENT**

**Bachelor of Technology in Mechanical Engineering 2014**

**Rajasthan Vidyapeeth University**

**Diploma in Industrial Engineering (Quality Management) 2010**

**PSB Academy**

**Professional Qualification:**

* CSWIP 3.2.2 – Senior Welding Inspector (With Radiographic Film Interpretation)
* API 510 – Pressure Vessel Inspector
* API 570 – Process Piping Inspector
* BGAS-CSWIP – Painting Inspector Grade 2
* ISO 9001: 2008 – QMS – Lead Auditor (IRCA Approved)
* PCN Level II In Radiographic Film Interpretation (Light & Dense Metals)
* ASNT Level II in
* Radiographic Interpretation (RI)
* Radiographic Testing (RT)
* Ultrasonic Testing (UT)
* Magnetic Particle Testing (MT)
* Penetrant Testing (PT)
* Visual Testing (VT)

**HSE & Personal development Courses under gone:**

* Oil and Petrochemical Safety Orientation Course for Supervisors (MOM-Singapore)
* Confined Space Safety Assessor (MOM-Singapore)
* Manhole Safety Instruction Course for Supervisors (MOM-Singapore)
* Building Construction Supervisors Safety Course (MOM-Singapore)
* Work at Height Course for Supervisors (MOM-Singapore)
* HSE Supervisor (Exxon Mobil)

**Trainings Attended:**

* Phased Array Tomoview Analysis and Auditing (PAUT)
* Hardness Testing (HT)
* Positive Material Identification (PMI)
* Effective Time Management
* Critical Flange Tightening Training
* Rotating/ Static Equipment Alignment & Installation

**Professional Experience:**

* Extensive practical experience with installation and inspection of various kind of Static Equipment, Pressure Vessels (Heat Exchangers, Towers, Reactors, Drums, etc.), Storage tanks (including Floating roof, Cone roof, Dome roof, Double wall tanks, etc.), Spherical tanks, Rotating equipment (including Centrifugal pumps, Reciprocating pumps, compressors), Stacks, Flares, Furnaces, WHRU, Sewage Treatment Plant, H.W. Calorifier, F.W. Hydrophore and its associated statutory equipment, Boilers & its associated statutory equipment, structural modules, Turret, MCM, Piping including GRE and underground piping.
* Review and approve all technical proposals, ITP, CEP, WPS, Consumable control procedures, repair procedures, closure welds/ golden joints (Tie-in) procedures, heat treatment procedures, Test packages, Turnover dossiers.
* Witness and verify PQR, WQT, Mechanical Testing, Factory Acceptance Test (for Cranes, Gear Boxes, Anchor Winches, Skidding System, Jacking System, Pumps, etc.), Equipment Alignments, Weld-Repairs, Mock-ups, bore-scope inspection, Holiday Detection Test, Pressure Test, Flushing, Pickling & Passivation, Chemical cleaning.
* Inspect and monitor all construction and execution work to be certain it is being done per the plans and adheres to all specifications and codes required.
* Monitor quality of piping fabrication and installation, including application of painting and insulation.
* Maintain complete and accurate records during inspections so that they can be transferred to the permanent files.
* Interpret and evaluate NDT results (RT, UT, MT, PT, PAUT, PMI, HT and PWHT) as per applicable construction codes and project specifications.
* Monitor repair works and surveillance checks during execution of such works and manage NDE cross-checks.
* Attend system walk-down and punch listing with Contractor and Sub-contractors.
* Associate with many international inspection agencies to execute the project assignments. (ABS, LR, DNV-GL, SGS, EIL, PDIL, BV, Etc.).