Candidate Profile

|  |  |  |  |
| --- | --- | --- | --- |
| Candidate Name: | Balakrishnan Ramudu Anna | | |
| 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**

|  |  |
| --- | --- |
| Gender: | Male |
| Age: | 46 (16th Oct 1970) |
| Marital Status: | Married |
| Nationality: | Singapore PR |
| Languages: | English |
| Availability: | Immediate |
| Salary: | Last drawn basic – S$ 16,000 x 12 months  Allowances – No  Variable Bonus – Not applicable  Expected Salary – S$ 11-12K SGD per month |

**Kelly Consultant’s Comments**

|  |
| --- |
| Candidate comes in with over 25 years’ inspection (mechanical, piping, welding) experience in the Oil and Gas industry/ Onshore Power plants. Strong expertise and knowledge in API, NDT and in static equipment such as pressure vessels, boilers, piping and tankage. Candidate has worked on hydrocarbon, H2S, Steam, Hydraulic, Seawater, process liquid and process gas and utility systems inspection and corrosion technologies. |

**EMPLOYMENT HISTORY**

**Aug 2013 – Nov 2015**

**Shell Stones FPSO (Class ABS)**

**Shell Eastern Petroleum Pte Ltd**

**Senior Mechanical Inspector**

Project: FPSO Conversion / Topsides and Internal Turret with Disconnect able Buoy Project for Gulf of Mexico

Key Responsibilities:

* Review all SBM project specific Mechanical procedures, specification, work instructions and inspection and test plans for compliance with Project requirements.
* Verify and ensure Welding procedure specifications, Welder performance qualifications and welding activities Comply with project requirements with respect to all rotating and static mechanical equipment and all ancillary pipe-work.
* Monitor and witness all Approve Operational Test Procedures pertaining to rotating and static mechanical equipment.
* Verify and monitor adherence to project requirements for incoming materials and equipment with respect to Static, Rotating and all Mechanical equipment.
* Review Contractor’s and Subcontractors’ fabrication & installation drawings and become familiar with the build sequence and requirements.
* Conduct monitoring and surveillance activities to ensure that the Work is carried out in compliance with SBM procedures, specifications and work instructions.
* Witness and monitor flushing, hydrostatic and/or pneumatic testing, drying and reinstatement of all mechanical equipment to ensure compliance with project requirements.
* Witness and monitor installation, level, alignment and dimensional control of all rotating and static mechanical equipment and all ancillary pipe-work and other necessary critical system and subsystem checks
* Monitor witness and verify that the processes for Mechanical Completion are carried out and recorded in accordance with specified project requirements.
* Monitor and verify contractors and sub-contractors compliance with preservation procedures and processes for all rotating and static mechanical equipment.
* Review all relevant test pack for Mechanical Completion and Pre-commissioning to ensure completeness and adherence to project specified requirements.
* Review and approve “A” and “B” Check sheets and, ensure that all outstanding work is captured and recorded on the relevant outstanding punch lists.
* Monitor the upkeep of the Completions Management System Safety to ensure that all Mechanical testing is captured and recorded.
* Provide assistance and expertise during vendor visits and /or FATs as and when required.
* Understand the project schedule and be proactive in assessing where activities could impact the planned progress and advise FPSO ST Leads.
* Actively participate in supporting the Shell 12 Life Saving Rules and subcontractor yard HSSE programs and schemes. Actively support the Project HSE philosophy and intervene if you find or witness unsafe activities.
* Attend Safety and Quality observation Walks at fabrication facilities. Document and communicate Lessons Learned in all above responsibilities

Reason of Leaving: Left to take a 4 month break to go back to India to settle family issues

**Jan 2013 – Jul 2013**

**SBM Offshore, Singapore**

**QA/ QC Engineer**

Project: SBM FPSO conversion of ENI-N’GOMA Project for Angola Block15&16 (Class: ABS)

Key Responsibilities

* In charge of all QA/QC activities for conversion project covering Vessel / Topsides / Turret & Mooring.
* Verification, Review and approval of Material certificates, Procedures and Work instructions for contractors.
* Handling Structural, Piping & Mechanical discipline activities and mentoring of all contractors regarding interpretation of Client and SBM Codes, Standards, specifications and procedures including contract requirements.
* Verification, Review and approval of vendor documents, manufacturing record book and other documents.
* Monitoring of Fit-up and Welding activities, Witness NDT (RT, UT, MT & PT) for Weldment, Ferrite measurement on DSS weld, Verification of Piping test packs, ITR-A scope of work and approval of the same.
* Witness hydro test, Mechanical testing at laboratory.

Reason of Leaving: Contract ended

**May 2012 – Aug 2012**

**Teekay Shipping Singapore Pte Ltd**

**Mechanical completion Co-coordinator**

Project: FPSO Petrojarl Cidade De Itajai for Tiro Sidon project (Class: ABS)

Key Responsibilities

* Co-ordination of punch list for all discipline with shipyard and contractors (Structural, Piping, Mechanical, Electrical & Instrumentation) and Verify all documentations for mechanical completion.
* Co-ordination of ITR-A & ITR-B inspection and sign off.
* Co-ordination of Tri-party walk Yard (JSL), Company (TK & Odebracht), Operation personnel and Client (Petro bras)
* Witness pressure testing, Nitrogen helium leak testing and final reinstatement.
* Co-ordinate for Readiness in Pre-commissioning activity.
* Verification of ITR sheets and Mechanical completion dossier.
* Witness Pre-commissioning and Commissioning of Piping systems as per OTP and International codes & Standards.
* Co-ordination of hand over activities with operation team.

Reason of Leaving: Contract ended

**Oct 2011 – May 2012**

**ExxonMobil Png LNG Project**

**Offshore Welding Engineer/ Inspector (SURF)**

Project: offshore pipeline installation in Papua New Guinea

Key Responsibilities

* Study Exxon specifications and implementation. Follow up with Saipem for Auditing & Documentation.
* Material receiving inspection and Verification.
* Storage, Preservation and Handling of pipes and welding consumables & other materials. Documentations of the same.
* Monitoring of all welding equipment’s and Installation of offshore pipe laying, Welding & Quality performance and Documentation.
* Monitoring, Witness and Surveillance of all welding and NDT activities for subsea pipe installation and performance of welding operators.
* Codes and standards – DNV, AS, API, BSEN, AWS, ASME, ABS and Offshore installation codes.
* Verification of MDR or Dossier throughout the project and Hand over.

**Aug 2010 – Sep 2011**

**FPSO PSVM**

**British Petroleum**

**Mechanical Inspector**

Project: FPSO Conversion/ Topsides and External Turret Project for Angola Block 31 (Class ABS)

Key Responsibilities

* Study BP/MODEC specifications and implementation.
* Follow-up and witness all stages of inspection activities as per ITP.
* Procurement QA/QC, Inspection, Witness FAT and Auditing vendors.
* Material receiving inspection and Verification.
* Storage and Preservation & Handling as continuous process until Pre-com.
* Installation, levelling and Pre-alignment inspections for Static and Rotatic equipment. Release for piping tie-in.
* Final alignment and Mechanical completion.
* Installation, Levelling, Internals inspection and Pressure testing of Pressure vessels, Heat exchangers and other static equipment.
* Mechanical completion verification as per ITR-A scope of work and Witness for all above equipment.
* Carry out Tri-party walk with Yard, EPC contractor and Operation personnel.
* HVAC – Verification & Installation inspection of Ducting, Dampers, Volume control, Fire dampers & Leak testing and Mechanical completion.
* Installation and testing of Doors- Fire proof & Explosion Proof.
* Codes and standards – API, BSEN, AWS, ASME, ABS and Offshore installation codes.
* Verification of MDR or Dossier throughout the project and Hand over.
* Co-ordination of punch list for all discipline with shipyard and contractors (Structural, Piping, Mechanical, Electrical & Instrumentation) and Verify all documentations for mechanical completion.
* Co-ordination of ITR-A & ITR-B inspection and sign off.
* Co-ordination of Tri-party walks with Modec, BP Construction, BP Commissioning, and BP Operation personnel.
* Witness pressure testing, Nitrogen helium leak testing and final reinstatement.
* Co-ordinate for Readiness in Pre-commissioning activity.
* Verification of ITR sheets and Mechanical completion dossier.
* Witness Pre-commissioning and Commissioning of Static, Rotatic & Piping systems as per OTP and International codes & Standards.
* Co-ordination of hand over activities with operation team.
* Equipment for Topsides : Gas turbine, Gas compressor, HP/IP Separators’, Electrostatic Coalescer, Treater, Desalter, Degasser, TEG Skids, Scrubbers, Deaeration vessels, Plate and shell type heat exchangers, Centrifugal pumps, High pressure Water injection pumps, Boiler and IG systems.

Reason of Leaving: Contract ended

**Dec 2008 – Jul 2010 (Shanghai, China and Singapore)**

**Frontier Drilling Asia (Noble Drilling)**

**Piping and Machinery Engineer**

Project: Drill Ship (New Generation) With MPT -Bully 1 and Bully 2 (Class: DNV)

Key Responsibilities

* Handle all Discipline Inspection activities (Structural, Mechanical and Piping)
* Review all procedures and specifications in line with Class rules, International codes and
* Standards, Offshore & API requirements and End user needs.
* Carry out surveillance inspection on day to day activities.
* Monitor the implementation of all approved procedures and specifications at construction site and yard.
* Procurement QA/QC, Inspection, Witness FAT and Auditing vendors
* Visual inspection of various marine and cargo piping systems. Installation, Visual inspection, Line walk, Hydro or Pneumatic test and re-instatement.
* Visual inspection, Installation and testing of various gauges and mechanical instruments.
* Visual inspection and installation & testing of various Vessel operating systems for navigation and Drilling (Azimuth Thrusters, Multi-Purpose tower, Mud pump, Top drive, Drill string handling equipment, Mooring winches, wire ropes, Lifting gears, Anchor chain links etc..,)
* Visual inspection and monitoring of all welding activities for mechanical and piping.
* Visual inspection and installation of base frames, foundations & level ness check.
* Vendor auditing and attending factory acceptance test (FAT) for all new rota tic and static equipment
* Daily safety audit and safety surveillance check in all areas of vessel.

**Jun 2007 – Dec 2008**

**FPSO Espirito Santo**

**Shell Exploration and Production.**

**Mechanical Inspector**

Project: FPSO Conversion / Topsides and External Turret Project for Brazil BC 10 (Class: ABS)

Key Responsibilities

* Handle all Discipline Inspection activities (Structural, Mechanical and Piping)
* Review all procedures and specifications in line with Class rules, International codes and
* Standards, Offshore & API requirements and End user needs.
* Carry out surveillance inspection on day to day activities.
* Monitor the implementation of all approved procedures and specifications at construction site and yard.
* Procurement QA/QC, Inspection, Witness FAT and Auditing vendors
* Inspection of all kinds of valves and actuators. Newly procured and refurbishment of old valves. Visual check and hydro test.
* Inspection of all kinds of safety valves. Newly procured and refurbishment of old safety valves. Visual check and pop-up test.
* Inspection of all kinds of Pressure vessels. Newly procured and refurbishment of old vessels. Visual check and hydro test.
* Refurbishment and Inspection of High pressure Water tube boiler. Visual inspection and Hydro test.
* New & Refurbishment and Inspection of centrifugal pumps, positive displacement pumps. Visual inspection and Hydro test.
* New & Refurbishment and Inspection of FD fans, Blowers & Fans. Visual inspection and performance test.
* Refurbishment and Inspection of main engine turbine. Visual inspection all parts and renewal of bearings, Thruster pads and other worn out parts.
* Alignment check and installation check for all rotating equipment and static equipment.
* Installation of rotary equipment and pre-commissioning & testing of compressors, Diesel engine generators, steam turbines, Centrifugal pumps, fans, Blowers.
* Visual inspection of various marine and cargo piping systems. Installation, Visual inspection, Line walk, Hydro or Pneumatic test and re-instatement.
* Visual inspection, Installation and testing of various gauges and mechanical instruments.
* Visual inspection, refurbishment inspection, installation & testing of various Vessel operating systems for navigation.(Steering gear, Propeller and shafts, Engine control systems, Mooring winches, wire ropes, Lifting gears, Anchor chain links etc..,)
* Visual inspection and monitoring of all welding activities for mechanical and piping.
* Visual inspection and installation of base frames, foundations & level ness check.
* Vendor auditing and attending factory acceptance test (FAT) for all new Rota tic and static equipment
* Daily safety audit and safety surveillance check in all areas of vessel.

**Jun 2005 – Jun 2007**

**Keppel Fels Limited – Singapore**

**Senior QA superintendent**

Key Responsibilities

* Liaise with Owner and Classification Societies (ABS)
* Overall in charge and responsible for the QA and inspection activities on assigned project until completion.
* Training and Certification of QA inspectors in accordance with company written procedures
* Supervise and Administration of QA/NDT Senior Inspectors / Inspectors on daily basis.
* Procurement QA/QC, Inspection, Witness FAT and Auditing vendors
* Oversee the daily execution of QA/NDT activities in the assigned project throughout the fabrication, construction and commissioning Phase.
* Initiate recommendations and provide solution on project problem through designed channels Perform random audits on project documentation and inspection activities.
* Monitor the implementation of all work instructions, procedures. Policies, Instructions of superiors and other QA related activities

**Projects**

* Keppel FELS B-Class Rigs for AWILCO OFFSHORE
* Hull No. B269 – Wilcraft, B285 – Wilboss, B293 – Wilstrike
* MSC Design Jack Up rigs for MAERSK
* Hull No. B273, B274, B275, B276

**Jun 2004 – Jun 2005**

**Malaysia Shipyard and Engineering Sdn. Bhd.**

QA/ QC / Welding Engineer

Key Responsibilities

* Fabrication of Accommodation Module / Helideck for E11 Living Quarters.
* Fabrication of SC (F13W) DR-Topsides.
* Fabrication of SCK-A Compression Module.
* Provision of Onshore Fabrication Services for F23 Rejuvenation Works.
* Procurement QA/QC, Inspection, Witness FAT and Auditing vendors
* Job Duties and Responsibilities
* Develop and review Welding Procedure Specification (WPS) for structural according to AWS D1.1 Code and Client specification.
* Develop and review Welding Procedure Specification (WPS) for piping according to ASME IX Code, API 1104 Code and Client Spec. For material such as normal carbon steel, stainless steel, duplex, super duplex, low temp. High temp. & Etc.
* Develop and review Welding Procedure Specification for Pressure Vessel. (Claded and Non-claded) according to ASME IX Code and Client Spec.
* Prepare Welding Sequence and Work Instruction.
* Monitoring Welder Qualification Test (WQT).
* Monitoring Welding Procedure Qualification Test (WPQT)
* Prepared and reviewed Welder Certificate, Welder Pass and Welder Performance.
* Witnessing Mechanical Testing for WPQT.
* Review Mill Certificate for Material and Consumable according to Code and Client Specification.
* Review of Radiographic films for Welding Procedure Qualification Test (WPQT) and Welder Qualification Test (WQT) according to Code and Client Specification.
* Material verification, Fit-up inspection, Monitoring of welding activities, Welding inspection,
* NDT inspection, Heat treatment, Test package preparation for Hydro test, Witness hydro test, Final documentation.

**Jul 2002 – May 2004**

**Kejuruteraan Jade Star Sdn. Bhd. Sarawak, Malaysia**

Boiler Engineer

Key Responsibilities:

* Manufacturing, Welding, QA & QC, Inspection activities in shop as well as at site for project based Power plant equipment.
* Up-gradation, regain of lost megawatt, rejuvenating, retrofits, revamping of old boilers.
* Erection and supervision of power plant equipment at site in project based.
* Prepare Welding Procedure specification & Procedure Qualification Record and establishing the same and conducting the welder qualification test. (Working with all materials carbon steel, stainless steel, titanium, alloy steel including latest high alloy steel ASME SA335-P91 pipes).
* Conduct thorough in-process inspection, NDT activities, stage inspection, heat treatment, hydro test and final inspection.
* In liaise with 3rd Party inspection, customer inspection and inspectors from statutory regulations.
* Meet customer requirements, documentation, painting, packing and dispatch.

Projects

* Major and Minor Shutdown Maintenance of existing 2 units of 50 MW Power Plant at Sejingkat Power Corporation Sdn. Bhd.
* Installation of New 2 units of 50 MW Power Plant at Sejingkat Power Corporation Sdn. Bhd.

**1996 – 2002**

**Thermax Babcock & Wilcox Ltd. Pune, India**

Senior Executive in QA/ QC

Key Responsibilities:

* Identification and verification of metals by check testing method of samples at metallurgical laboratory and confirming or tracing the metals to fall on which Code e.g. ASTM, ASME, BS, IS DIN, JIS requirements and analyzing the weldability.
* Based on metals history, selection of welding consumable and welding process.
* Preparation of welding procedures and establishing the procedure by making test coupons, WPS, PQR & testing of weldment as per the ASME Section IX Code.
* Responsible for QA, QC, Inspection and Welding activities in Water Tube Boiler and Power Plant Equipment. Manufactured in Shop.
* Preparation of Post Weld Heat Treatment Procedure as per the Code Requirements and expediting the same.
* Procurement and handling of welding consumable as per the guidelines mentioned in ASME Section II Part “C”.
* Conducting the skill test or welder qualification test as per the guidelines mentioned in ASME Section IX Code.
* Visual inspection of weldment and interpretation of all NDT results of weldment as per the Code Requirements.
* Verification and application of approved welding procedures on production job and controlling the welder discipline & expediting the job.
* In process inspection of weldment and judgment of welder performance and maintaining the records.
* Controlling the welding process to eliminate welding defects and to increase output.
* Achieving the quality of weldment as per customer’s requirements or contractual agreements.
* Hands on experience in all types of Carbon Steel Alloy Steel and Stainless Steel.
* Procurement QA/QC, Inspection, Witness FAT and Auditing vendors

**TECHNICAL SKILLS**

* ASNT Level II in PT, MT, UT, RT
* Certified as per the requirements of ASNT-SNT-TC-1A
* PCN RI Level II
* BINDT, Radiography Interpretation Dense/Light Metals

**EDUCATION & PROFESSIONAL DEVELOPMENT**

**Tamil Nadu Polytechnic 1987 – 1990**

Diploma in Mechanical Engineering

Passes with Distinction

**Professional Affiliations:**

* SCWI (Senior Certified Welding Inspector - AWS) Cert. NO. 11060068
* IIW - Welding technologist diploma (International Institute of welding)
* IRCA Certified QMS Lead Auditor ISO9001:2008

**Trainings Attended:**

* Interpretation, Documentation and Implementation of ISO 9001: 2008
* BOSIET – Helicopter under water survival course.
* First Aid Course
* CPR and AED Course
* Communication Skill
* Advanced Safety Audit
* Negotiation Skill
* Defensive Driving Cours