Candidate Profile

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| Candidate Name: | Ragavan Venkatanarayanan | | |
| 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 |
| Age: | 43 (25th May 1973) |
| Marital Status: | Married |
| Nationality: | Singaporean |
| Languages: | English |
| Availability: | 2 months |
| Salary: | Current basic – SGD 12,500 x 12 months  Allowances – No  Variable Bonus – Not applicable  Expected Salary – SGD 11,000 per month |

**Kelly Consultant’s Comments**

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| Candidate has over 19 Years of experience in QA/QC in welding and inspection and testing works in Upstream oil field products such as Xmas Tree, Manifolds, Raiser, jackets, New built oil rigs, FPSO ,FSO, pipe lay Barges in the field of subsea and surface equipment and Downstream Refinery Plant inspection, Fabrication of Pressure vessel and Heat exchangers, Pressure piping and process piping and TPI inspection works in the field of Offshore Oil Rig (HP Piping, Structures, Equipment), Refinery, Petrochemical and Power Plant. Strong working knowledge and expertise in API, NDT, corrosion and welding standards and codes. |

**EMPLOYMENT HISTORY**

**Jun 2015 – Present**

**Bumi Armada Berhard**

**Material and Welding Engineer**

FPSO: ARMADA ALI - Angola BLOCK 15/06

Key Responsibilities:

* Review Various Vendor packages Welding Procedure ,NDT Procedure ,PMI Procedures
* Reply TQ and Concession request from Fabrication Contractor and Package manufacturers.
* Approve Top side module, Turret welding procedures from contractors.
* Advise material selection based on process.
* Engineering Support related to material selection, drawing, weld joint design.
* Procedure qualification for Heavy wall thick plates (250mm) Turret structures with fully auto welding process.
* Welding Procedure qualification for cast iron material.
* Review and approve PWHT Procedures for Process Piping
* Review and approve PMI procedures for Exotic material.
* Material selection for sour service application.
* Prepare corrosion study for process systems.

Reason of Leaving: Contract ending in July 2016, seeking an organization with long term growth prospects.

**Apr 2013 – May 2015**

**Quality Group AS-NORWAY Seconded To FMC KONGSBERG SUB SEA AS & BV Singapore**

**QA & Third Party Inspector for (GE, FMC, Baker Hughes, and Halliburton & Cameroon)**

Key Responsibilities:

* Material certificates review as per Material Specification for Completion Tools & Down hole Tools.
* Dimensional and Thread gauging for Completion Tools & Down hole Tools.
* Experienced in assembly and testing of Linear hangers Tools(Collar Landing, Plugs, Sleeves and Plugs)
* Material Test Certificates and Specification review for completion Tools such as
* Non Destructive test (PT, MT) Witness for Completion tools, Christmas tree and Valves.
* Witness Hardness Test (HRC/HRB, HBW) as per Project and specification.
* Thread and assembly inspection for Production Packers and seals.
* Testing and inspection of Packers for well completion.
* Perform Pre shipment inspection and preservation inspection prior to delivery for down hole equipment.
* Review Manufacturer dossiers (MDR) for down hole equipment.
* Verification of technical specifications for Sub Sea manifolds, Tie INS and X mas tree systems Selection of engineering materials.
* Verification of evaluation of bids and selection of equipment and material.
* Prepare and Perform Welding Procedure & Welder qualification for workshop.
* Approve vendor welding Procedure and concession requests.
* Review of welding procedures, welding specs and test records (WPS/WPQR).
* Advice welding methods related to various materials, thicknesses and positions.
* Responsible for developing and maintaining material engineering standard documentation.
* Review ITP, SMDR and supplier documents to verify that they are comply with specification and standards.
* Participate in design reviews related to the projects and Subsea structures modules.
* Participate in meetings with clients as needed, regarding materials and corrosion matters.
* Participate in discussions with Class Authority regarding materials and corrosion issues.
* Lead technical clarifications for materials engineering & welding towards clients and suppliers.

**Feb 2012 – Mar 2013**

**Aus Group Singapore**

**QA & Materials and Welding Engineer**

Key Responsibilities:

* In-charge for Weld shop and Manufacturing QA.
* Responsible for complete project & Internal Audits.
* Review/approve internal & vendor WPS, PQR, WQR, WQT, NDT, HSE, ITP, PQP and other manufacturing documents.
* Manage a team of Welding/QC Engineers & Inspectors.
* Liaise with Feed Engineer for Project Scope of Work.
* Liaise with Materials Engineer for Material issues.
* Liaise with Sourcing team for materials, consumables, and welding machines procurement.
* Vendor/Supplier Audit under company ISO & HSE rules.
* In-charge for site meetings with clients and shipyards.
* Prepare/approve all the inspection & QC matrix for project.
* Liaise with site engineers in erection and commissioning.
* Solve WPS problems around Asia pacific suppliers.
* In-charge for new welding machines order & process change.
* New procedure qualifications and materials selections.
* Reporting to Plant Manager.

Reason of Leaving: Contract ended

**Jun 2011 – Jan 2011**

**Intertek-Moody –Freelancer Seconded to GE Oil and Gas - Singapore**

**QA Materials &Welding consultant/Auditor**

**Projects: ODEBRECHT –Deep Sea Development**

Key Responsibilities:

* Quality Assurance and inspection lead for sub-Sea and surface products such as charismas trees, well heads, Manifolds, Well head raisers.
* Witness assembly Test, Gas test, and Hydro test as per Quality and client requirements and Sub-Sea products specification API 6A/17D.
* Review of products quality, NDT, Testing documents to confirm client/Project requirements.
* Inspection of offshore equipment as per API Q1 and witness testing and qualification for API requirements.
* Sub- contractor Qualification evaluation to make sure meets project Quality requirements are achieved.
* Prepare welding specification for piping works in process piping for top side’s riser connection.
* Prepare NDT specification and pre heat and PWHT specification for Manifolds piping and structural steel.
* Reviewing the required WPS, PQR & WQT records to meet Customer Specification.
* Metallurgical review for new materials used in projects and prepare and review dissimilar material welding procedure for special cases. Monitoring visual, in process and final inspection activities at different stages as per required WPS to meet customer requirements.
* Monitoring and Witnessing for the required Welding Procedure Qualification (PQR) test and Welder Qualification (WQT) test for required As-Run / As Built Welding parameters to meet WPS requirements.
* Carry out Visual inspections for all Welding Procedure & Welder qualification test coupons.
* Monitoring and Witness for the required NDT inspection activities such as MPI, DP, RT& UT.
* Reviewing & Interpretation of Radiography Films. Monitoring and Witness for the required Mechanical test activities.
* Overall preparation & supervision of projects. Preparation & submission of Project QC Dossiers.

**Jul 2010 – May 2011**

**Company: Germanischer Lloyds Industrial Services (GL), NDE Singapore, In**

**Lead QA Materials & Welding Engineer**

Projects: SHWE-Myanmar, HESS, Aramco& and Audits at CPD oil Well

**Dec 2007 – Jun 2010**

**SOFEC Inc.**

**Lead QA & Materials & Welding Engineer (Turrets)**

Project Name: FPSO MV 23(MODEC)

**Jun 2007 – Oct 2007**

**FMC Technologies Pte. Ltd.**

**Lead QA Engineer (Subsea systems)**

Project Name: Kipper Tuna Field Development

**Sep 2005 – May 2007**

**Moon pool Consultants Pte. Ltd.**

**QA & QC Owner Representative (Welding)**

Project Name: New-built Jack-up rig SOHANA

**Jul 2004 – Aug 2005**

**Germanischer Lloyd (GL)**

**Structural Inspector and Surveyor**

Project Name: Various FPSO & Jack up oil Rigs on board survey

**Oct 1999 – Jun 2004**

**TTJ Design and Engineering Pte. Ltd. Singapore.**

**QA/ QC Engineer**

Project Name: Jack up Rig-Global Santa Fe R-110

**Jun 1998 – Sep 1999**

**B.T. Engineering Pte. Ltd., Singapore.**

**QA/ QC Inspector**

Project Name: Teijin Polycarbonates, Abu-Dhabi Oil Corporation, Petro bras P-40

**Nov 1994 – May 1998**

**Cethar Vessels Ltd., Trichy, India.**

**Engineer External Services**

Project Name: Various Power Plants in India.

**TECHNICAL SKILLS**

**Professional Summary:**

* Material certificates review as per Material Specification for Completion Tools & Down hole Tools.
* Dimensional and Thread gauging for Completion Tools & Down hole Tools.
* Experienced in assembly and testing of Linear hangers Tools(Collar Landing, Plugs, Sleeves and Plugs)
* Material Test Certificates and Specification review for completion Tools such as
* Non Destructive test (PT, MT) Witness for Completion tools, Christmas tree, Valve.
* Witness Hardness Test (HRC/HRB, HBW) as per Project and specification.
* Thread and assembly inspection for Production Packers and seals.
* Testing and inspection of Packers for well completion
* Quality Assurance, Welding Engineer and inspection lead for charismas trees, well heads, risers and offshore Skids.
* Prepare Inspection and test Plans for pressure vessels and Sub- sea products
* Conduct audits at vendor for compliance on ISO ,ASME and API Q1
* Worked with major Oil and Gas specifications from Shell, Statoil, BP, GE and FMC.
* Prepare and Review corrosion control and corrosion monitoring method.
* Witness assembly Test, Verify Quality spec. for Sub-Sea products as per API 6A/17D.
* Review of products quality, NDT, Testing documents to confirm ASME, API and client/Project requirements.
* Inspection of offshore equipment as per API Q1 and witness testing and qualification for API requirements.
* Prepare welding specification for piping works in process piping and steam piping.
* Prepare NDT specification and pre heat and PWHT specification for Process piping.
* Reviewing the required WPS, PQR & WQT records to meet Customer Specification.
* Metallurgical review for new materials used in projects and prepare and review dissimilar material welding procedure for special cases.
* Well experienced with preparation and implementation of Project Quality Plan (PQP), Inspection and test plan (ITP), Project specific QC Procedures like method statement for fabrication/welding/NDT procedures/hydro static test procedure/painting/insulation.
* Well experienced with preparing WPS, Conducting procedure qualification (PQR), conducting welder performance qualification tests and maintaining qualification list of welders.
* Conducting audit on welder performance and Project quality audits.
* Well conversant with Pressure vessels and structural steel codes ASME Sec I, II, V, VIII, IX; ASME B31.1 & B31.3; API 510 & 570, AWS D1.1.
* Well conversant with BS EN ISO and NORSOK M601, NACE MR0175 Piping and structural Standards.
* Evaluation/review of subcontractor's quality management system, ITP, PQP, etc. during bid evaluation, co-ordination with the sub vendor, Subcontractor for any technical discussion & clarification.
* Monitoring visual, in process and final inspection activities at different stages as per required WPS to meet customer requirements.
* Monitoring and Witnessing for the required Welding Procedure Qualification (PQR) test and Welder Qualification (WQT) test for required As-Run / As Built Welding parameters to meet WPS requirements.
* Carry out Visual inspections for all Welding Procedure & Welder qualification test coupons.
* Monitoring and Witness for the required NDT inspection activities such as MPI, DP, RT& UT.
* Reviewing & Interpretation of Radiography Films. Monitoring and Witness for the required Mechanical test activities.
* Overall preparation & supervision of projects. Preparation & submission of Project QC Dossiers.
* Proficient in handling infrastructure projects in petroleum refineries, Heavy fabrication workshop/yard.
* Liaison & Coordination with Clients/Representatives/Suppliers, ASME, AIA and TPIA.

**EDUCATION & PROFESSIONAL DEVELOPMENT**

**Bachelor of Engineering (Mechanical & Production) 1990 – 1994**

Annamalai University - India

**Master of Science (Mechanical) 2002 – 2004**

Nanyang Technological University, Singapore

**International Welding Engineer (IWE) 2009**

International institute of Welding (IIW)

**Professional Certifications:**

* API 510 Certified Pressure Vessel Inspector – Certificate No. 27672
* API 570 Certified Process piping inspector – Certificate No. 29966
* AWS Certified Welding Inspector QC-1-96 Certificate No. 05042021
* PCN RI Level 2 Certificate No. 306422
* CSWIP 3.2 Certified Senior Welding Inspector- Certificate No. 39775
* Aramco /GL Approved well head/Welding/NDE inspector.

**Professional Trainings:**

* AWS-CSWIP 3.1 Bridging Course, TWI SEA.
* AWS–CWI Seminar, IQC TRAINING & SERVICES PVT. LTD.
* Radiographic Film Interpretation, SETSCO SERVICES, SINGAPORE.
* Lead Auditor ISO-9001-2008