**LAKSHMANAN SRINIVASAN**

**Mobile:** +91-8531979262 **~ E-Mail:** laksh2alagi@gmail.com

**JOB OBJECTIVE**

Enthusiastically exploring opportunities to apply knowledge and skills towards a career with a progressive company seeking a people-oriented team player

**PROFILE SUMMARY**

* 11+ years of work experience in Welding Inspection, Quality Assurance, Quality Control and Team Management.
* Certified professional - Welding Inspector (CWSIP-3.1), SNT Level II in Non-Destructive Testing - [Radiographic Film Interpretation, Ultrasonic Testing, Magnetic Particle Testing, and Liquid Penetrate Testing].
* Preparation of WPS for materials like Stainless Steel and carbon steel.
* Knowledge in Construction of pipe lines (Under Ground and Above Ground), Inspection of Oil & Gas process piping, Tanking Works and Structural works.
* Knowledge in welding processes – GTAW, GMAW, FCAW, SAW, SMAW
* Participation in line checks for system Hydro tests and hand over of systems.
* Conducting & Inspection of blasting, painting, Wrapping Works and review of PWHT charts.
* Witness the destructive testing like tensile test, Bend test, Macro Examination, Vickers Hardness Test, V-Notch Charpy impact test.
* Conduct Positive Material identification test for Carbon Steel and Stainless Steel.
* Monitoring welding consumables, Fit-up and visual inspections.
* Conducting Procedure Qualification Record (PQR) and Welder Qualification Records and maintain their continuity records.
* Material knowledge in Stainless Steel (Type 304, 316, 316L)
* Profound knowledge of Quality standards - ASME B31.3 , ASME SEC IX , ASME SEC V & API 1104
* Proficiency in selection and application of welding consumables for various material combinations.
* Proficient at carrying out various tests (as individual/with supporting staffs) and inspection to ensure compliance with quality standards
* Develop, implement, communicate and maintain a quality plan to bring the Company’s Quality Systems and Policies into compliance with quality system requirements.
* Ensuring tests and procedures are properly understood, carried out and evaluated by supporting staffs are in accordance with guidelines, quality plan & project requirements;
* Experience in estimation of timeline, resource required to complete the project, tracking the every day status and initiating improvements as needed to meet changing demands or requirements.
* Ability to analyze responses, understand clients' needs and focus on quality, precision & punctual delivery of results.
* Experience in handling the team size more than 30 as a project leader & Leading QA/QC department with 15 QA/QC Personnel [QA/QC Engineers, QC inspectors, Test Pack Coordinator, Document Controllers].

**CERTIFICATION**

* CWSIP-3.1, Certified Welding Inspector (CWI)
* ASNT Level II Certified Professional in Non-Destructive Testing(NDT) :
  + - Radiographic Film interpretation
    - Ultrasonic testing
    - Magnetic particle testing
    - Liquid penetrate testing

**TRAINING**

* CSOC - Construction Safety Orientation Course (General Trade )
* SOC - Safety Orientation Course  (Oil/Petrochemical)
* SIC - Safety Instruction Course for Supervisors (Manhole)
* BCSS - Building & Construction Supervisors Safety Course
* CSCPM –Construction Safety Course For Project Manager
* WAHSC – Work At Height Supervisor Course
* SICMFS- Safety Induction Course (Manhole) For Supervisor

**ORGANISATIONAL EXPERIENCE**

**Nov’10 To Aug’16 WEC Engineers and Constructors Pte Ltd, Singapore.**

**Position : QA/QC Engineer cum Project Lead**

**Role & Responsibilities:**

* Arrangements and carrying daily inspection schedule with clients and main-con.
* Preparation of daily inspection reports and attending the weekly and daily meetings.
* Closing of Non-conformance reports, Corrective Action Reports.
* Method of Statement, QA/QC Procedures, Test Packages for Equipment and Piping works preparation.
* Conducting and Witness of Site inspections like fit up, visual inspection for welds, MPI, UT, Hydro-tests, Holiday tests, wrapping activities, Painting inspections etc.,
* Witness Welders qualification test and review their RT reports.
* Issuance of Welder ID Cards and certificates to the qualified welders.
* Training for Welders in GTAW, SAW and SMAW welding.
* Involve in production and purchasing of material.
* Arrangement for QC activities and maintaining a wrapping team as well as testing team.
* Arrangements for Radiographic activities in night shift like permit, manpower, awareness of joints to RT Technician, RT requests etc.,
* Doing case study, maintain Welders log sheet and repair percentage.
* Conducting of Hydro tests, Pneumatic tests, Vacuum tests and Static Hydro tests basing on Global Practice (Exxon), B31.3 and Shaw specifications**.**

**Highlights:**

* leaded a team of 30 members and ensured highest standards of performance

**PROJECTS HANDLED**

**Project : Singapore Parallel Train Olefins Recovery Project.**

**Main Con : Shaw Stone & Webster Asia Inc.,**

**Client : Exxon Mobil**

**Location : 100 Jurong island, Singapore.**

**Period : July 2010 to May 2011**

**Scope of works:**

a) Installation of underground pipe lines Cooling Water of 84” to 4”, fire Water lines, Tempered Water, Process Waste Water and Storm water.

b) Pipe line testing works like Pneumatic Testing, Vacuum Testing, Static Test and Hydro Testing.

c) Grouting works and pits installation.

d) Painting works with epoxy paint and wrapping works with H35 & Polyken tape for the above mentioned lines.

**Project : Diversion of 48” Submarine Crude Oil Pipeline at Ayer Chawan Basin.**

**Client : McConnell Dowell South East Asia Pte Ltd.**

**Third Party : Setsco Services Pte Ltd.**

**Location : Jurong island Highway, Singapore.**

**Period : June 2011 to Jan 2012**

**Scope of Work:**

1. Installation of 48” pipe line from SRU plant to Exxon Mobil Gate B through underground and above

ground works.

b) Concrete Pipe Shoe installation and painting works.

c) 100% NDT requirements for welding works.

**Project : Chang Chun Project (Dairen Chemical Plant Project)**

**Main con : Sumitomo Mitsui Construction Co., Ltd.**

**Client : Fu-Tai Engineering Co ltd.**

**Location : No.35, Tembasu Avenue, Jurong Island.**

**Period : Feb 2012 to Aug 2012**

**Scope of works:**

a) Installation of underground pipe lines Cooling Water of 84” to 4”, Foam Fire Water lines and Oily Waste Water.

b) Pipe line testing works like Pneumatic Testing, static Test and Hydro testing.

c) Wrapping works with SHAIC AC-700 PE Anti-corrosion above mentioned lines.

**Project : Proposed extension of fuel hydrant system for bays 11 to 14 & bay 101 to bay 103 new code C Aircraft**

**Parking stands at the Budget Terminal at Singapore Changi Airport**

**Consultant : BP Consultancy**

**Client : Changi Airport Fuel Hydrant Installation Pte Ltd. (CAFHI)**

**Location : Budget Terminal (Changi Airport).**

**Period : Sep 2012 to Mar 2013**

**Scope of Works:**

a) Design of Construction Drawings, Fabrication works, Installation of Tie – in New Main lines, Risers, Low Point drains, Hydrant Pit box and Hydrant Pit valves.

b) Installation of 18” pipe line along with the 6 risers in 6 bays , bay 11 to 14 and bay 101 to 103

c) Pressure test, soak test and flushing for the completed lines.

d) Circular Hydrant Pit Biscuits.

**Project : Conversion of remote stands 200, 201 & 202 to Mars at the Terminal 1 at Singapore Changi Airport**

**Consultant : BP Consultancy**

**Client : Changi Airport Fuel Hydrant Installation Pte Ltd. (CAFHI)**

**Location : Budget Terminal (Changi Airport).**

**Period : Apr 2013 to Dec 2013**

**Scope of Works:**

a) Design of Construction Drawings, Fabrication works, Installation of Tie – in New Main lines, Risers, Low Point drains, Hydrant Pit box and Hydrant Pit valves.

b) Installation of 6” pipe line along with the risers in 3 bays (200, 201 & 202)

c) Pressure test, soak test and flushing for the completed lines.

d) Circular Hydrant Pit Biscuits.

**Project : proposed extension of fuel hydrant system for three new code C Aircraft parking stands at the former**

**Budget Terminal at Singapore Changi Airport.**

**Consultant : E-Jet Consultancy.**

**Client : Changi Airport Fuel Hydrant Installation Pte Ltd. (CAFHI)**

**Location : Former Budget Terminal (Changi Airport).**

**Period : Jan 2014 to Nov 2014**

**Scope of Works:**

1. Design of Construction Drawings, Fabrication works, Installation of Tie – in New Main lines, Risers, Low Point drains, Hydrant Pit box and Hydrant Pit valves.

b) Installation of 18” pipe line along with the 6 risers in 3 bays G15, G16 and G17

c) Pressure test, soak test and flushing for the completed lines.

d) Circular Hydrant Pit Biscuits.

**Project : Proposed extension of fuel hydrant system for New Aircraft Parking stands at Singapore Changi**

**Airport for 500 Series (8 New bays) and 600 Series (2 New Bays)**

**Consultant : E-Jet Consultancy.**

**Client : Changi Airport Fuel Hydrant Installation Pte Ltd. (CAFHI)**

**Location : 500 Series Cargo, North End Reservoir and 600 Series.**

**Period : Nov 2014 to Till Date**

**Scope of Works:**

a) Design of Construction Drawings, Fabrication works, Installation of Tie – in New Main lines, Risers, Low Point drains, Hydrant Pit box and Hydrant Pit valves.

b) Installation of 18” pipe line for 500 series Bay 510 to BAY 515 (B747-400 Size Aircraft), Bay 516 to 517 (A380 Size)

c) Installation of 18” pipe line for 600 series Bay 605 of (B747-400 Size Aircraft) and Bay 600 of A380 Size along with the 26 risers.

d) Pressure test, soak test and flushing for the completed lines.

e) Circular Hydrant Pit Biscuits.

**PREVIOUS EXPERIENCE**

**Aug’08 – Sep’10 Anusha Engineering Works., Patancheru, Hydrabad as QA/QC Engineer**

**Project : Hindustan Shipyard, Krishna Gate, Dockyard. India & BPCL Mumbai**

**Position : Jr.QC Engineer**

**Period : Aug’08 – Sep’10**

**Client : Hindustan Shipyard & BPCL**

**Role**

* inspection of Initial, In progress and final piping & structures
* Verification of material certifications of various materials
* Preparation of welding checklists and final documentation with NDT reports
* Client coordination for inspection activities.
* Inspection and analysis as per acceptance criteria study

**Jul’04 – Jun’08 Lixin Engineering Pte Ltd., No.1 Kianteck, Singapore as QC Engineer**

**Project : Keppel Fels, Jurong Shipyard,**

**Position : QC Engineer**

**Period : Jul’04 – Jun’08**

**Client : Jurong & Keppel Fels**

**Contractor : Lixin Engineering Pte Ltd**

**Project : B258. B265, B270, B273, B274, B280, B281**

**Role**

* Preparation of inspection activities according the client requirements
* Carry out daily inspection of piping and structural works
* Preparation of welding checklists and final documentation with NDT reports
* Conducting welder’s qualification test and maintaining their records.
* Welding electrode procurement as per requirements of code and client
* Third party and client coordination in inspection activities

**EDUCATION**

* **DME (Diploma in Mechanical Engineering)** from VLB Janaki Ammal Polytechnic, Coimbatore, State Board Of Technical Education and Training, Chennai in 2002

**IT SKILLS**

* Well versed with Windows OS, MS Office and Internet Applications.

**PERSONAL DETAILS**

Date of Birth : 20th June 1984

Permanent Address: 5/87A, Bajanaikovil Street, Natchiar patti, Srivilliputhur Taluk, Tamilnadu – 626 125.

Languages Known : English, Tamil and Telugu

Passport No : K3679162

**DECLARATION**

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