

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:

- led 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:

- a) 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:

- 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 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, Hyderabad 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.