



TOMMY RICHARDSON

Oil/Gas Industry Consultant and AWS-CWI (#616136)

25+ years of experience in the Oil/Gas Industry from construction of drilling rigs to onsite drilling, production, tank batteries, pipelining, compressor stations and refinery to final delivery; several years experience at the management level in AR/AP, general accounting, construction projections, human resources, training and development, delivery and administration of risk management procedures.

Additionally, Tommy is also an experienced welder and holds a current American Welding Society Certified Welding Inspector (AWS-CWI) license. His welding/welding inspection experience includes a strong technical background in construction/repair of structural, vessel, and pipe welding. Holds current/previous welding certifications in SMAW, FCAW, GTAW, SAW, including CS, SS, DUPLEX SS, LTCS, Aluminum, Drisco (polyethylene) plastic pipe. Holds previous level II certifications in NDE (UT, RT, MT, PT).

Travels throughout the US and abroad.

For more info and/or scheduling Tommy to help you with your Welding Inspection or Operator Qualification needs, please contact Melinda Traynor, President CEO of AYUDA via e-mail at melinda@ayudallc.com or via telephone at 405-293-3099.

Key Skills

- Extensive direct experience in the design, operations, maintenance and management of oilfield projects, including: well heads to pipeline, compressor station, tank battery and refinery systems encompassing drilling, construction, field operations, control center operations and testing and evaluations of new technology
- Conducted safety reviews, risk assessment and evaluations of potential hazardous gas/liquid from down-hole, drilling, work-over, pipeline, compressor station and refinery deficiencies, reviewed designs and specifications for hazardous gas/liquid from drilling, work-over, wellhead, pipeline, compressor station and refinery systems as well as meter stations and tank batteries under construction or repair to
- Experience ensuring and enforcing compliance with procedures, rules and regulations including DOT, OSHA and EPA as well as company standards
- Provided over all coordination for construction, implementation, repairs and maintenance to ensure a high quality and level of safety in all aspects of drilling (drilling rigs), work-over, pipeline, compressor station, tank battery, meter station and refinery systems as well as ball drop, injection points over the ditch coating/recoating, road crossings (including directional drilling) tie-in processes, installation of cathodic protection equipment, welding procedures and processes, proficient with computers and applicable software as well as SCADA systems

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15+ years direct supervision of piping/mechanical/steel structures/pipe work fabrication, welding & quality control processes and procedures in high/low pressure stateside and abroad. Work experience included:

- Monitoring PWHT (Post Weld Heat treatment) process
- Carry out Welding inspection before/during & after welding
- Daily monitoring of activities and maintaining compliance with expected requirements
- Witnessing Welder Qualification tests
- WPS (PQR) preparation
- Materials Inspection & Materials certification review
- Supervise the Quality Control functions/activities of a project or its parts, including quality control inspection schedules and the collection of quality records
- Verify special processes and the relevant workers' qualifications.
- Supervise inspections, reports and the documentation issued by inspectors and collect and file the required Quality Records
- Evaluate the qualifications of welders and NDT technicians with regard to the assigned activities
- Evaluate the qualifications of inspection personnel
- Cooperate in Event Report Management and for all the implementation of relative corrective actions
- Manage collaboration of measurement instruments and related certifications
- Supervise piping welding inspection ASME 31.3 (CS, SS, Duplex SS, LTCS)
- Supervise pipeline welding inspection as per API 1104 & ASME B 31.4/31.8 (API 5L X 52/60/65)
- Coordinating Non Destructive Testing (RT, UT, MPI, PT) and inspection, PWHT & etc...
- Upgrade and expansions/construction of refineries, compressor stations, gathering and transmission pipelines, offshore (jack-up Ecofisk, North Sea 86-87)
- Assure that the work outputs of the subcontractors conform to the required standard and specification contained in the contracts or to the satisfaction of the company standards

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- Perform expediting and inspection services for various PPCO. projects for local/international assignments that involved third party inspection services, materials inspections, and valve testing and hydro-test and pressure test witness, surveillance activities include audit, witness of hydro-test, heat treatment and other inspection records, review and approval of various QC documents
- Preparation of Inspection reports
- Welding Material Control (Electrode, Welding Machine, Welding Rods, Electrode Oven)
- Visual Inspection before, during and after welding, SMAW, GTAW, SAW, (GS/)FCAW, Stud welding process
- WCS (Welding Control System) by Access Data Base
- Execute the specific inspections on materials, equipment and construction /installation activities on site
- Issue the relevant Quality Records and, when necessary, write and send to Quality Control-QC Supervisor non - conformance reports, verifying conformity of the work to specified Quality Requirement and ensuring that the inspection and control are carried out and documented in accordance with the requirement
- Control welding parameters and consumables during installation/construction activities, supervising welding operations
- Control procedures and welders qualifications.
- Check the availability and suitability of the filler material and of the preheating, welding, heat treatment, the bevels, extent of the repairs made by the various welders and taking any corrective actions, the heat treatment record diagrams
- Perform pipeline check up, ensuring that all installed pipe/fittings are to the correct specification and that the material is in accordance with the specified material traceability requirements

Trained in the following: hazardous waste and emergency response operations(HAZWOPER), confined space and entry permits, lock out tag out procedure, personal protection in the work place, pipeline maintenance, fundamentals of pressure piping, trenching and excavation part 1, hazards and safety, trenching and excavation part 2, First Aid, CPR, first responder, emergency response training , health safety and environmental impact, accident prevention signs and tags, electrical safety, fall protection, OSHA hazard communication, hearing protection, heat stress, hot work permit, hydrogen sulfide, portable fire extinguisher, occupational exposure to blood-borne pathogens, industrial ergonomics, nitrogen safety, occupational exposure to lead, occupational exposure to asbestos, exposure containment, damage control, industrial fire fighting, PPCo off shore survival training.

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Welding Certification – Current and Previous

Current: AWS-CWI #616136

Previous: (6G) ANSI B 31.3, ANSI Section IX Pressure Vessels, API 1104 (PPCo/STATE),RT,UT,PT, MT, Level II PPCo

Employment Experience

AYUDA Assessment, Training, Consulting & OQ LLC

EWN, NCCER, Veriforce & MEA OQ Evaluator

AWS Certified Welding Inspector

Provides AWS Certified Welding Inspection services and related consulting services. Conducts operator qualification for operator and contractor clients through evaluation. Serves as Subject Matter Expert (SME) providing oil/gas industry consulting services including curriculum development and more.

T.L. Richardson

Independent Contractor/Sub contractor

Boilermaker, Millwright, Pipefitter, Corrosion Control Technician, Welder/Inspector, Project Manager, and Consulting. Construction, Expansion and Repair of Structural/Piping, Boilers, Vessels, Compressor Stations, Tank Batteries, and Gathering Systems. Other services provided included Steel Inspection, NDE, Welding Repair, WPS, QA/QC, Procedure and Process Streamlining/Qualification, Training, Testing, Manufacturing Shut Downs/Turnarounds, Plant and Drilling Rig Construction and Refurbishment.

Phillips Petroleum

SKILLS/EXPERIENCE/QUALIFICATIONS

as follows: Routsabout “A”, Winch Truck Driver, Truck Driver (heavy), Combination Relief Pumper/Chart Changer, Compression Station Operator “A”, Plant/Refinery Operator “A”, Meter Tech, Instrument Tech., Welder “A” (6G{R} certified pipe, boiler,vessel), Gang Pusher, Special Projects Manager, Operations Manager

Experienced in the new/expansion and construction processes of tank batteries, pipelines, compressor stations , plant inspection/turnarounds and gathering systems including the additions/replacements of ball drops, meter-runs, de-hydrators, mol-sieves/knock-outs, separators/glycol units , heat exchangers, etc.). These experiences resulted in the acquisition of knowledge, skills related certifications and several years of hands on experience with the understanding of all different aspects/ job descriptions that are required to be able to accomplish tasks from the idea/need, to the drawing board, to the shop to the field and ground breaking to turn-key with the over all ability to meet and/or exceed quality standards as well as time/cost factors from small details to complex circumstance the approach is always a can do attitude as a team player or working solo.

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