
QUALIFICATIONS

NACE certified coating inspector with experience in the application and inspection of several types of coatings and their environment. Experience interfacing with customer management and engineers, and experience in process control and management of coating and welding projects. Including structural, pipe, and fab shop environment. Level II certified in UT, MT, and RT. Background in mill surveillance and field and shop inspection of NDT and welding. Have worked with line pipe, OCTG, structural steel, castings, sub-sea, wellhead, and marine equipment for both NDT and coating. Performed inspections to NACE, AWS D1.1, API 1104, API 5L, ASME Sec.9, ASTM specifications, and applicable customer specifications.

WORK HISTORY***9-2007 to 12-2007- Welding Inspector, Chevron Blind Faith Jumper Project***

Performed welding and x-ray inspections on wellhead and flow line jumpers at the Delta Engineering facility in Jacintoport, Texas. Other duties included monitoring of hydrostatic testing, painting and insulation of jumpers, lift tests, and shipping of jumpers.

4-2006 to 4-2007- Project Inspector, Conoco-Phillips China Bohai Phase II Project

Performed duties as inspector of FAT functions on centrifuge skids for the Conoco-Phillips China Bohai phase II project at Certified Technical Services in Pasadena, Texas, and lead coating inspector and project manager at various coating facilities in China. FAT functions on skids included running of the pumps and motors and setting alarms to simulate running the skid in service, powered and non-powered electrical loop checks, P & ID checks for tagging and proper location of equipment on the skid, and addressing of subsequent punch list items that are noticed during inspections. Other items checked include touch up painting and shipping of the skids, and interfacing with project engineers and customer representatives. Work in China consisted of leading a team of local inspectors in the inspection of coating application and laboratory testing of coating on API line pipe. Qualification testing and production testing was performed. Coating application was a 3-layer system including FBE, foam insulation/jacket application, and concrete application.

10-05 to 12-05- Lead pipe mill inspector, Enterprise Products Independence Trail Project

Managed a team of inspectors in the bench inspection of API line pipe and SCR pipe for the Enterprise Products Independence Trail project at the Welspun pipe rolling facility in Dahej, Gujarat, India. The end inspections were performed at the request of Allseas. In addition to managing inspectors, other duties consisted of performing my own inspections, keeping computer spreadsheets with dimensions of the SCR pipe, keeping inspector time, and performing all reporting to the client.

8-05 to 9-05- Project inspector, Conoco-Phillips China Bohai Phase II Project

Performed duties as lead inspector at Flowserve India on the Phillips-Conoco Bohai Phase II project. The project consisted of building flow control valves for platforms. Work consisted of overseeing dimensional inspections of machined parts to drawings, assembly of valves, hydrostatic testing, seat leak testing, open/close tests, profiling of actuators via computer programming, surface preparation and coating of all valve parts, tagging, and shipping. Work was performed at the Flowserve plant in Bangalore, India.

5-04 to 7-05- Coatings inspector, BP Thunderhorse Pipe Project

Duties include investigation of disbondment on flow line pipe, overseeing all testing pertaining to coating application, and monitoring of all coating applications. Lab tests performed include CDT's, immersion water soak tests, flexibility bend tests, DSC's, peel adhesion tests, and impact tests. Duties also consisted of performing surface prep inspections relating to the disbondment problems. Coatings applied for this project were Jotun high temp FBE, adhesive, polypropylene top layer, and Therмотite insulation. Coating application inspection was performed on SCR pipe. The disbondment investigation centered on flow line pipe that was coated last year. Work was performed for the at the Bredero-Shaw coating facility in Mobile, Alabama.

11-03 to 4-04- Chief project inspector, Nexen-KBR Aspen Phase II Umbilical Project

Performed duties as chief inspector on the Nexen/KBR Aspen Phase II umbilical project at the DUCO facility in Jacintoport, Texas. Duties included performing receiving inspections of materials, document reviews, monitoring of inner and outer sheath extrusion of cables, witnessing electrical tests of cables, layup of the main umbilical, and all GTAW welding of tubing to construct the umbilical, flying leads, and UTA's. Witnessed all subsequent NDE inspections of welds, including reading of x-rays and dye penetrant testing. Witnessed all FAT's for both ends of the umbilical, flying leads, and both UTA's and sub components. Building of the UTA's took place at the ABB Offshore facility in Houston, Texas.

5-03 to 10-03- Chief project inspector, BP Thunderhorse Umbilical Project

Performed duties as chief inspector of the BP Thunder Horse umbilical project at the Nexans Norway facility in both Rognan and Halden, Norway. Electrical quad cables and fiber optic lines were produced at the Rognan facility. Witnessed all electrical tests including FAT's performed on each completed quad, and monitored all operations including insulation of individual cables, stranding, inner and outer sheathing, armoring, and shipping of (Cont.) quads. Witnessed fabrication and testing of fiber optic lines at this facility. Performed all reporting to the client, including interfacing with client engineers. Layup of the main umbilical, satellite, and flying leads were performed at the Halden facility. Duties consisted of monitoring welding of stainless tubing, hydrostatic testing of coils, reading of real time x-ray images, sheathing of cable lines, and layup of each separate component of the umbilical.

2-03 to 4-03- NDE, machine shop, and raw forgings inspector, El Paso Marco Polo Project

Performed visual inspections of raw forgings, monitored quench and temper heat treatment and dimensional inspection of forgings, witnessed dimensional inspections of forgings that were machined into buckle arresters, and witnessed NDE inspection of machined buckle arresters. NDE inspection consisted of wet magnetic particle and shear wave UT inspection. The work was performed for the El Paso Energy Marco Polo project.

8-02 to 12-02- Chief mill inspector, El Paso Cameron Highway Pipe Project

Performed duties as chief mill inspector on the El Paso Energy Cameron Highway pipeline project, managing a team of inspectors during the manufacture of API line pipe. Work was performed at the Welspun manufacturing facility in Bharuch, Gujarat, India. Attended pre-job meetings in India to perform an audit of the mill and to help formulate the MPS for the job. Oversaw all aspects of the operation including plate UT, forming and the DSAW welding process, fluoroscopy, repairs, cold expansion and hydrostatic testing, sizing press, beveling, long seam and end UT, end and repair x-ray, wet MP inspection of ends, bench visual and dimensional inspections, laboratory testing, and shipping. Shipping inspections included shipments of pipe from mill to port and ship loading. I performed all reporting to the client, including final summary reporting and final shipping releases. Work was performed to El Paso Energy Line Pipe Manufacturing specification, API 5L and API 5L3.

6-02 to 8-02- Welding, coating, and testing inspector, BP Aspen PLEM Project

Performed structural and pipe welding inspection for the BP Aspen PLEM project at Sub Sea Ventures in Houston, Texas. Duties consisted of visual weld inspections, dimensional inspections for both layout and fit up, dimensional inspection of welds, witnessing of UT inspection on full penetration welds and MP inspection on fillet welds, coating inspection, and materials receiving inspections. Interfaced with BP and McDermott/MENTOR engineers, Cameron Offshore personnel, and vendor management. Work was performed to ASME Section 9, AWS D1.1, and API 1104. I was transferred in August to the BP Aspen umbilical project to oversee FAT's, and SIT's on the completed umbilical, which consisted of hydrostatic and electrical testing of individual lines, and flow rate testing. This job was completed in August, 2002.

3-02 to 5-02- Welding inspector, BP Aspen Umbilical Project

Performed inspection during the welding of stainless umbilical tubing for the BP Aspen umbilical project at the DDI facility in Houston, Texas. Monitored the GTAW welding process, performed by Acute Technological Services, reading of source x-ray film and real time x-ray images at the METCO facility in Houston, Texas, and cleaning of tubes, spooling, and hydrostatic testing performed by DDI. Performed weld tracking for each spool (Cont.) for traceability purposes, visual and dimensional weld inspections, and record keeping as related to the project. Interfaced with BP engineers and vendor management. This job was completed in May, 2002.

12-01 to 3-02- Welding inspector, BP Pompano Umbilical Project

Monitored pilgering, cold sink draw, initial and final annealing, NDE, welding, real time x-ray, hydrostatic testing, and spooling operations of SAF 2507 umbilical tubing at the Sandvik manufacturing facility in Arnprior, Ontario, Canada, for the BP Pompano replacement umbilical project. The GTAW welding process was monitored, including currents, travel speeds, and purge

levels. Performed quality checks at all intervals of operations, including reading of real time x-ray images and 100% inspection of strip charts for NDE. Performed record keeping on each spool, including number of welds accepted, number of welds rejected, causes for rejection, keeping track of all work order and heat numbers, meters lost, and total meters. Work was performed to ASTM A789. This job was completed in March, 2002.

9-01 to 12-01- Riser systems inspector, Exxon Diana Project

Performed monitoring of dimensional, NDE, and visual inspection of rework and new riser connectors at the Dril Quip Eldridge facility in Houston, Texas, for the Exxon Diana/Hoover project. Dimensional inspection included thread inspection, as well as overall part dimensions. All work was performed to drawings. Monitored connector to pipe, and pipe to pipe welding inspection in the riser shop, as well as weld UT, VIT ID camera inspection, full length drifting, and hydrostatic testing of completed riser joints. The sixth string was being completed, and the seventh string was postponed indefinitely, which ended my work on the project.

8/01 to 9-01- Pipeline and welding inspector, CIG Medicine Bow Pipeline Project

Performed line pipe inspection for Colorado Interstate Gas on the Medicine Bow pipeline in Wyoming. Duties consisted of performing inspections on pipe ends to check for out of roundness, and performing audits to find out why the contractor was having high-low problems during fit up and welding. Performed audits and inspections in several locations on the right of way, and also in several pipe storage facilities.

10/00 to 8/01- Welding and coatings inspector, BP Nile, King, and ILX Projects

Performed welding, NDE, and coatings inspection for the BP Nile sled project at Delta Engineering in Houston, Texas. Duties consisted of witnessing NDE inspection (UT, RT, MT), welding processes, coating, and application of insulation. Performed receiving inspection of all materials shipped to Delta for this project, and witnessed all FAT testing performed after assembly. Witnessed welder testing for procedures and qualification, and all subsequent lab tests. Performed all inspection functions for this project, including final shipping. This project ended in January, 2001. I was then transferred to the BP King Main Umbilical project, and performed welding, x-ray, and hydrostatic test inspection on coils of umbilical tubing being processed at Sandvik Corporation in Arnprior, Ontario, Canada. This inspection was on a monitor basis, and duties included reading of real time x-ray images of orbital welds, monitoring welding processes, and monitoring pressure hold times for (Cont.) hydro testing. This project ended in April, 2001, for our work at Sandvik Canada. I was then sent to the Sandvik plant in Chomutov, Czech Republic, as lead inspector during manufacturing of umbilical tubing for the BP ILX project. Pre job audits of the mill were performed to develop a working specification, and to insure that this mill would be able to perform to BP standards. Gas Tungsten Arc Welding was the method used, and duties consisted of overseeing pilgering, annealing, NDE inspection, welding and real time x-ray, hydrostatic testing, and shipping. The project lasted until the first of August, after the last coil was shipped and paperwork completed.

4/00 to 10/00- NACE coatings inspector, Ascension Island Fuel Storage Tank Coating Project, U.S. Air Force

The job consisted of working for the U.S. Air Force on Ascension Island as the NACE coatings inspector and supervisor of repair construction of fuel storage tanks for Mid Atlantic Tank Inspection Services. Duties include supervision of coating, welding, and general labor. Coatings applied include Devmat interior lining system, and Sherwin Williams exterior epoxy coating system. Prior to this, I was assigned to Patrick Air Force Base in Florida to inspect the ID lining of concrete underground fuel storage tanks. IECC mat system was the coating applied. Duties consisted of application inspection as part of the project management team.

3/99 to 1/00- Resident Coating Inspector, Shell Ram Powell, Mars, Ursa, Auger Projects

I was the resident coating inspector at Dynamic Coatings for Shell Quality Services in Houston, Texas. My responsibilities included coating inspection of offshore sub-sea equipment, process control of various projects and interfacing with customer engineers, vendors, and sub-vendors. Equipment worked with includes PRT, TLP, wellhead, and sub-sea. Projects include Shell Ram Powell, Mars, Auger, Ursa, and Brutus, Exxon Diana, and Amoco Marlin. Types of coating include thermal spray aluminum, inorganic zinc primer, Xylan, Sermagard, and various epoxies and urethanes. Coatings applied were for immersion, splash zone, and other marine environments. Duties also included overseeing laboratory testing of coating applications, including pull off adhesion testing and pull testing.

EDUCATION

Level II UT, MT, RT

Radiation Safety School, Radiation Safety Cons., 1986

NACE training, Session I, 1991; Session II, III, and Peer Review 1995

LICENSES & CERTIFICATES NACE Coating Inspector certification, NDT level II UT, MT, RT
