

## LAWRENCE A. CASE

### Current Position:

Quality Control Supervisor and Quality Control Inspector

### Special Training:

2013 NACE L1 Certification, Albuquerque, NM.

1993 VT, MT, PT Examiner Certification, San Diego, Ca.

1992 Leadership and Management Course, Gaeta, Italy

1991 Radiation Safety Officer Training Course, Yorktown, Va.

1987 Ultrasonic Inspector (silverbraze)

1985 Radiographic Film Interpretation Training Course, Service School Command, San Diego, Ca.

1983 Radiographic Operator (X-Ray & Radioactive Isotope), San Diego, Ca.

1983 Nuclear Regulatory Commission Rules & Regulations, Safe Handling of Radioactive Materials, San Diego, Ca.

1983 Non-Destructive Testing of Metals Training Course (Visual, Liquid Penetrant, Magnetic Particle, and Radiography), Service School Command, San Diego, Ca.

1979 Hull Technician "A" School (basic welding/brazing/metal fabrication/pipe fitting), Philadelphia, Pa.

### Certifications:

AWS QC1 – 03060591 (Certified Welding Inspector)

EC Certificate of Approval – 0038/PED/HOU/NDE/20140004/B1 (Certified Welding Inspector)

CSA W178.2 – Reg No 11981 Level 2 (Certified Welding Inspector)

NACE L1 – 647651

Galvanize Coating Inspector (South Carolina)

### Affiliations:

American Welding Society <https://app.aws.org/certification/search>

Canadian Welding Bureau <https://www.cwbgroup.org/services/certified-directory-search/inspectors>

NACE <http://www.naceinstitute.org/cstm/education/certification/certsearch.aspx>

American Galvanizers Association <http://www.galvanizeit.org/specification-and-inspection/inspection-course/inspector-listing-us>

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I currently have over 30 years' experience in quality control, non-destructive testing. My duties have included performing inspections in all shop areas including machinery repair, metal layout & cut-form, structural fabrication & erection, pressure testing, piping inspection for Petrochemical and Pharmaceutical, receiving inspection, media blast, paint, radiography, calibration, hardness testing, welder testing, and weld tracking.

I routinely perform code inspections per ASME Section VIII, IX, ASME B31.3, AWS D1.1, ASME BPE, EN 287, EN 15614-1, and CSA W59.

I am currently the QC Supervisor, Lead Inspector, and NDE Level II for the Charleston facility, and the senior radiographer. My daily duties also include timekeeping, formatting Excel spreadsheets, creating memos and forms using Word, email, project and staff meetings, scheduling radiography, developing project specific Quality plans and ITP's, review and collection of project data/documentation for Turn Over to clients.

## Employment History:

**2009-Present** - Jacobs

Quality Control Supervisor and Quality Control Inspector, MT, PT, RT, Level II, NACE L1  
Jacobs Field Services North America, Inc

**2001- 2009** - Jacobs

Quality Control Inspector, MT, PT, RT, Level II  
Jacobs Applied Technology, Inc. and  
Jacobs Field Services North America, Inc

**1999-2000** – Parker Inc.

Quality Control Inspector, PT, RT, Level II  
Parker Hannifin Gas Turbine Fuel Systems  
RT, PT Inspector Using Digital Radiography Methods on Fuel Injector welds and parts.

**1998-1999** – Jacobs Applied Technology

Quality Control Inspector, MT, PT, RT, Level II  
Structural and Piping Inspector for Modular Fabrication Projects

**1997-1998** – Tri County Machine and Fabrication

Machinist, Fabricator and Welder  
Fabrication and welding of components for material lifting and handling equipment. Cut and forming metals. Machining of various materials.

**1996-1998**

Larry's Automotive Machine Shop  
Owner and Operator

**1995-1996** – Braddy's Automotive Machine Shop

Engine Machinist  
Machinist (ASE Certified), engine builder, and welder.

**1983-1995** - US Navy

Non-Destructive Test Inspector at various Maintenance Commands  
MT, PT, RT Interpreter. Radiation Safety Officer. Work Center Supervisor. Maintenance of Welder Qualifications, and NDT Records.

**1979-1983**- US Navy

Ship Hull Technician in Production Shops  
General Metal Fabrication, Welding (GTAW, SMAW, GMAW), Boiler Repairs, Piping Repair and Replacement, Ships Hull Repairs, Pump Foundation Replacement, and Maintenance of Machinery.

My position as a Quality Control Inspector, Quality Control Lead, and Quality Control Supervisor with Jacobs has been on numerous projects. Highlights are:

**Confidential Client Project. QC Supervisor and QC Inspector.** This project is 41 modules, 22 of which are clean process pharma. Modules were built at Jacobs, Goose Creek for our Jacobs, Conshohocken office. Truck shipped in Dec, 2014.

**UOP Project. QC Inspector.** This project is 7 large process modules. Heaviest over 300 tons. Modules were built at Jacobs, Goose Creek. Barge shipped to Freeport, TX in June, 2014.

**HTI HCAT Project. QC Supervisor and QC Inspector.** This project is 1 module. Module was built at Jacobs, Goose Creek for our Jacobs, Mount Laurel office. Barge shipped to Slovakia in April, 2014.

**Rio Tinto Minerals Project. Shop Expeditor and QC Inspector** This project is 6 modules. Modules were built at Jacobs, Goose Creek for our Jacobs, Long Beach office. Truck shipped to Long Beach in July 2013.

**Rayonier Project. Shop Expeditor and QC Inspector** for our Jacobs, Greenville, SC office. Job consisted of daily shop inspections of seven vendors and submitting progress reports. These shops were fabricating steel, piping, and supports for our stick built project from June 2012 to May 2013.

**Ineos SRU Tail Gas Project. QC Supervisor and QC Inspector.** This project is 12 modules and 2 stair tower modules. Modules were built at Jacobs, Goose Creek for our Jacobs, Grangemouth office. Barge shipped to Scotland in June 2012.

**Kuwait Petroleum Export, Sulfur Recovery Unit, Europoort, Netherlands. Lead Quality Inspector.** This project consisted of detail design and modular construction of a 100 (Long Ton Per Day) Sulfur Recovery Unit. Jacobs Charleston worked with our Jacobs Netherlands office that provided the Claus Technology and basic design package. Project consisted of 2 piperacks and 7 process modules.

**BP North America Operation, Canadian Crude OCC-SRC Project. Whiting, IN. Quality Control Inspector.** This project consisted of design and construction of 175 Sulfur Recovery Process Modules. The project was executed in conjunction with Jacobs Baton Rouge, Lakeland, Leiden and India offices.

**Genentech, Inc., E. Coli Plant-1 (ECP-1), Singapore. In partnership with Bovis Lend Lease. Quality Inspector.** Jacobs provided full EPCM + modular services for this 26,500 ft<sup>2</sup> bulk biotech facility. The finished facility, comprised of 24 large bay modules, will be used in the production of Lucentis©, an FDA-approved treatment for "wet form" age related macular degeneration.

**Motiva Enterprises, LLC. Hydrotreating Unit, Port Arthur, Texas. Quality Inspector.** Design Consultation and construction and shipment of (4) Vacuum System structure (Process) modules, fourteen (14) Pipe Racks modules and three (3) stair tower modules. Project was executed in conjunction with the Jacobs Houston office.

**Flint Hills Resources Ultra Low Sulfur Diesel, Pine Bend, MN. Construction Management Quality Assurance Inspector.** Review client specifications. Review construction turn over documentation for 6 subcontractors. Inspect steel for bolting and dimensions. Review radiography of piping welds. Audit PWHT operations. Audit hardness testing. Inspect installed piping, valves, supports, bolting, steam tracing, and insulation. Perform pre-hydro walk downs and initiate punch list as required. Monitor hydro testing.

**Flint Hills Resources, Low Sulfur Gasoline Project, Corpus Christi, Texas. Lead Quality Inspector.** This project involved the construction of 20 barge-shippable modules. The modules averaged 25' x 25' x 45' long and weighed up to 186 tons each. The project received the Jacobs Master Builder Award.

**Hess Oil Virgin Islands (HOVENSA), Quality Inspector.** RT and UT inspector for Jacobs Pan American, St Croix, U.S. Virgin Islands. This was general maintenance inspections on piping and vessels, radiography of piping welds for new replacement.