

Randall E. Barhite

CWI, ASNT ACCP Level II

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PROFESSIONAL PROFILE

A proven manufacturing professional with 37 years of experience in manufacturing management, fabrication, QA-QC, production, safety, training, and maintenance. Significant experience working with government, commercial, and industrial manufacturers in ASME NQA-1, Chem Demil, HVAC, Mining, pressure vessels and power/process piping, pharmaceutical, air flow/filtration systems, and custom job shop.

Quality Inspector

Quality Control in NQA-1 fabrication, building products for various DoE, DoD and commercial clients. I've taken a lead inspector role on various projects ranging for Los Alamos National Laboratory, Oak Ridge National Laboratory, Consolidated Nuclear Security, and others. Job functions include performing full visual inspections as a CWI/ACCP VT II on all welding shop wide, as well as performing several methods of Leak Testing (MSLT, PLT, BLT) as well as visible dye solvent removable Liquid Penetrant Testing on gloveboxes and various components (i.e., base metals and containment welds), thorough review of documents, procedures and processes, including recommending and executing improvements. I'm responsible for surface finish inspections with requirements ranging from color removal to various requirements including ASTM A480. Receiving inspections involving complex customer specifications as well as ASTM Standards and code requirements, dimensional inspection with manual and CMM (FARO) equipment. I have provided root cause analysis to production and PMs.

Summary of skills and abilities include:

- QA / QC Inspection and Collaboration under ASNT Level III, Level II – UT, PT, MT, RT, Extensive experience with AWS, ASME, MIL-STDs and ASTM, SMACNA standards
- Testing/Training under ASNT Level III, Level II – Pressure Change, Bubble Leak, Vacuum Box, Electrical components and systems
- Fabrication – Mechanical and CNC Forming (up to 400 tons), Roll Forming, Layout (Parallel and Radial Line Pattern Development), Punching (CNC, Mechanical, Manual), Machining, Water Jet, Plasma, Laser, Shearing, Mandrel Tube and Pipe Bending, Prototype Development
- Welding Qualifications – GMAW, CAW-G, FCAW.G, GTAW, Stud Welding, Spot Welding, Pre/Post Weld Heat Treating, Flame Straightening
- Fixturing and Distortion Control. Adept at designing - building welding fixtures for plate, sheet metal and structural components to hold tight tolerances and control post weld distortion on large and small non-ferrous weldments
- Metal Finishing – Food/Pharmaceutical Grade, Electro Polishing & Manual Polishing (#4, 2B, #8), Sand, glass, Aluminum Oxide Blasting, Passivation-Rust Abatement.
- Applied Coatings – Epoxy, Acrylics, Plating, Teflon

MANUFACTURING PER MILITARY/GOVERNMENT SPECIFICATIONS: NQA-1, MIL-Q-9858A, MIL-STD-45662, MIL-I-45208A

KEY PROJECTS (for U.S. Army corps of Engineers and Bechtel National, Inc.)

Hanford/River Protection Project LAW, HLW, TCO ▪ Johnston Atoll Chem Demil MDB ▪ Maanshan Nuclear Power Plant, Taiwan ▪ Anniston Chem Demil ▪ Blue Grass Chem Demil ▪ Los Alamos National Laboratory ▪ Aberdeen Chem Demil ▪ Idaho National Laboratory ▪ Savannah River Site ▪ Oak Ridge National Laboratory ▪ Pueblo Chem Demil ▪ Rocky Flats Environmental Technology Site ▪ Rocky Mountain Arsenal ▪ Tooele Chem Demil ▪ Umatilla Chem Demil

PROFESSIONAL EXPERIENCE

- *Springs ATG LLC.* (07/2018 – Current)
QA INSPECTOR / PROJECT COORDINATOR
- *IONEX Research Corporation* (05/2011 – 01/2017)
MANUFACTURING MANAGER
- *Industrial Technologies, Inc.* (06/1996 – 02/2010)
VICE PRESIDENT / MANUFACTURING MANAGER
- *Trico Manufacturing* (01/1991 – 05/1996)
WORKING PLANT SUPERINTENDENT
- *Custom Metal Manufacturing* (01/1987 – 01/1991)
FABRICATION SUPERVISOR / SHEET METAL MECHANIC
- *Mile High Metal Systems, Inc.* (01/1984 – 01/1987)
SHEET METAL MECHANIC

EDUCATION / CERTIFICATIONS / TRAINING

AWS CWI #17090751, API 1104

ASNT ACCP LEVEL II VT, #308771

Certified Level II LPT (672 hrs.)

Qualified Level II PLT (886 hrs.)

Qualified Level II BLT (376 hrs.)

Certified SI, DI

MSLT (485 hrs.) currently training under a certified ASNT Level II / III

Sheet Metal Workers Local 9 – Apprenticeship (HVAC)

NIST Aluminum Welding Boot Camp 1991

Welding Qualifications held in GMAW, GTAW, FCAW-G, SW, RW

Larimer County Voc. Tech – Engineering Drafting and Design

Mine Safety Certified, U.S. Department of Labor, Mine Safety and Health Administration

Certified – Overhead Crane, Forklift, Hoist OP per OSHA 1910.179

CODES: AWS D1.1, D1.3, D1.5, D1.6, ASME Sections VIII, IX. AG-1

Code Certifications – API 1104, UBC 1999, IBC 2000

Trainings and Seminars – over 320 classroom hours focusing on General Management, Project Management, Lean Manufacturing (5S), Finance and Shoptech E2 System (*Manufacturing Shop ERP*)