

# Quality Control Floor (Shop) Inspector

## Overall Job Purpose:

An individual assigned to inspect to established and required Inspection Hold Points. Follow the Production department's schedule to verify, inspect and witness all items fabricated, meet Job Specifications and ASME codes.

## Essential Job Duties and Responsibilities:

- Read and understand all Sections of the Victory Energy's Quality Control manual, as it pertains to all fabrication and assembly throughout the shop.
- Read Drawings to insure all dimensions and weld details are available for verification and inspection.
- Inspect item(s) for proper materials and acceptability.
- Verify that all of the Weld Procedures used for fabrication, are for the correct Weld Process and that they are being followed.
- Verify the Production welders are:
  1. Qualified to weld the materials to be welded.
  2. Are using the correct welding Process.
  3. Welding only in the positions, they are qualified to weld in.
  4. Verifying the welders does not exceed the diameters, or thickness they are qualified for.
- Inspect items to be welded, for Fit Up compliance and sign the Traveler, only when the task meets the Job Specifications and ASME code requirements.
- Verify that a vessel's opening(s) dimensional lay out(s) is correct, prior to drilling and cutting; and sign the Traveler, only when the task meets the Job Specifications and ASME code requirements.
- Check Flanges, for Two Hole compliance and sign the Traveler, only when the task meets Job Specifications and ASME code requirements.
- Inspect the final welding for:
  1. appearance (no course ripples; the grinding of all starts and stops; no cracks, holes, or undercutting).
  2. Cleanliness, free from all slag and splatter.
  3. Verify that all welds are identified with the welder's stamp (symbol).
- Verify only calibrated pressure gauges and proper range to be tested. Sign the Traveler, only when the gauge is verified.
- Witness any air and hydrostatic test. Sign the Traveler, only when the task meets the Job Specifications and ASME code requirements.
- Stamp all ASME code items and nameplates; on the item and in the location called out by the ASME code. Sign the Traveler, only when the task meets the Job Specifications and the ASME code requirements.
- Take photographs of all code stampings and have photographs downloaded in Victory Energy's computer.
- Inspect and tests of sand blasting and painting. Sign the Traveler, only when the task meets the Job Specifications and Victory Energy's requirements.

- Verify that Victory Energy's Traveler has been filed out completely and accurately.
- Verifies all items listed on Victory Energy's Pre Flight Checklist are acceptable prior to release for shipment. Fill out Victory Energy's Pre Flight Checklist.

**Other Job Duties:**

- Read and adhere to Victory Energy's handbook company policies.
- Set attainable training and improvement Goals.
- Work closely with Victory Energy's Production department.
- Complete training lessons when required.
- Ability to travel outside of the Tulsa, OK area, when required.
- Keep the Quality Control Manager informed of positive and negative activity.
- Fill out time, trip and expense reports on a weekly basis.
- Promote and Practice company safety rules.
- Ability to perform other duties as instructed.

**Essential Job Qualifications:**

- Minimum of 5 years of fabrication experience, or 5 years inspection experience.
- Capable of Reading Engineering Drawings.
- Capable of understanding Weld Details.
- Capable of using a computer, Windows/Word, Outlook, Excel
- Capable of using tools: (tape measure, calipers, paint thickness tool, etc.)
- Capable of climbing and entering vessels.
- Capable of passing an eye test examination.
- Have a valid driver's license.
- Pass an illegal substance test.