

Issued By: Quality Manager	Signature:	Date:
Approved By: Management Representative	Signature:	Date:

PURPOSE:

These are the guidelines to which performance is measured. It is intended by these guidelines to achieve and maintain a quality professional attitude.

JOB DESCRIPTION: Inspector

Assure quality fabricated components are ACCURATELY and EFFICIENTLY manufactured to specifications and requirements of the Customer and the Company through in process inspections and final inspections.

RESPONSIBILITIES:

- 1) **In-Process Inspection:** Spot check critical parts located at Fitter's table, Burning table, Brake Press, Angle Line and Beam Line.
 - a) Assure parts are made by drawings and specifications.
 - b) Tag part status (i.e. inspected, rework, scrap).
 - c) Verify and document non-conformances.
 - d) Investigate non-conformances.
 - e) Contact project manager or engineer for disposition of part and tag (i.e. rework, inspected, hold).
 - f) Verify and monitor fitter's and angle line operator's in-process as-built completion daily.
 - g) Conduct visual audits daily for shop compliance to AISC standards and regulations.
 - h) Conduct visual audits daily for shop compliance to ISO standards and regulations.
 - i) Assist machining inspection.

- 2) **Final Inspection:** Check all completed fabrications.
 - a) Insure each part or weldment complies with drawing and specifications.
 - b) Visual inspect welds per AWS standards and job specifications to insure compliance.
 - c) Confirm blast profile for surface preparation.
 - d) Confirm proper paint millage.
 - e) Conduct non-destructive testing when required (i.e. PT, MT, VT).
 - f) Visual inspect the cosmetics and appearance of each part prior to shipment.
 - g) Tag part status (i.e. inspected, rework, hold).
 - h) Document and notify management of any non-conformances.
 - i) Receive and verify all paint and blasting reports when required.
 - j) Build quality manuals, when required, for jobs.
 - k) Review with Customer methods of dimensional documentation.
 - l) Assist machining inspection.
 - m) Operate and maintain CMM.
 - n) Inspect and document parts received from outside supplier.
 - o) Maintain non-conformance log.

QUALIFICATIONS:

3 years experience with G & G Steel and completion of in-house training program to the satisfaction of the quality manager

OR

5 years inspection experience in a related field and completion of in-house training program to the satisfaction of the quality manager