



JOB DESCRIPTION: DETAILER

General Summary

This position reports to the Detailing Department Manager

Detailers are responsible for making detailed drawings of all building components and assemblies based on building contract documentation, being consistent with manufacturing requirements.

Essential Job Functions and Responsibilities include the following. Other duties may be assigned.

- Produce customer drawings: anchor bolt plans, anchor bolt reactions, framing and sheeting plans, shop fabrication drawings (standard and non-standard).
- Compile job specific bill of materials, erection details, and cut lists for bought out material.
- Edit corrections to marked-up shop fabrication drawings.
- Assist in developing and maintaining standard details, drawings, instruction manuals.
- Produce miscellaneous detail and drawing related tasks as needed.

Knowledge and Skills Required For Essential Job Functions

- Associate degree or appropriate experience.
- Working knowledge of engineering software (MBS).
- Strong math skills (geometry and trigonometry).
- Experience with Autocad® software.
- Basic computer skills (Microsoft® Excel & Word)
- Fluent in the English language.
- Ability to read and interpret plans and calculations.
- Working knowledge of AISC methods used in detailing structural steel.
- Understanding of shop fabrication practices, methods, and knowing limitations of the production department.

Physical Abilities Required

Eyesight, hearing, and hand dexterity sufficient to operate computer monitors, keyboards, mouse, as well as other office equipment such as telephones, calculators, copiers, printers/plotters, etc..

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.



JOB DESCRIPTION: WELDER/FABRICATOR

General Summary

This position reports to the Beam Line Lead.

Perform required duties to ensure proper set up of and performance of work.

Essential Job Functions and Responsibilities include the following. Other duties may be assigned.

Set up and operate welding and cutting equipment to perform welding. Operate oxyacetylene torch to cut materials as required. Set up and operate band saw, punch press and shear to fabricate columns and plates to specified dimensions. Inspect finished columns for adherence to specifications and workmanship. Report defects to Lad Man. Operate overhead electric hoist, electric forklift, material mover, or other items to handle heavy materials.

Maintain required production records to enable accurate and timely completion of daily schedule.

Observe and obey all safety rules, practices and regulations. Detect and report defective and unsafe equipment and materials as well as unusual situations to Lead Man. Maintain work area in neat and orderly manner.

Knowledge and Skills Required For Essential Job Functions

- High School diploma or Vocational school education
- Fluent in the English language.
- Interpret schedule data and shop drawings.
- Excellent communication and organizational skills.
- Ability to become AWS D-1.1 certified.
- Ability to work from prints, specifications, written or verbal orders and instructions.
- Ability to use rules, tape, combination square and other hand tools necessary for layout work as well as using tools and fixtures correctly to check parts to product specification.
- Knowledgeable with IAS 472 Table 10.1 and 10.2 as it applies to the Beam Line.
- Forklift certification.

Physical Abilities Required

Ability to communicate verbally. Eyesight, hearing, and physical coordination/strength sufficient to operate welding and material handling equipment safely. Twisting, bending, walking, lifting up to 50 pounds.

Must pass an eye examination with or without corrective lenses to prove vision acuity of Jaeger J-2 at a distance of 12 – 17 inches at commencement of job and thereafter annually.

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