

JOB DESCRIPTION

Revision Date: 4/12/2021

Job Title: <u>Loftman/Drafter</u>	Job Classification: <u>Non-Exempt</u>
Department: <u>Production</u>	Reports To: <u>Lofting Manager</u>

Job Summary

Develop detailed cut sheets and CNC programs for Burning Department based on information specified in drawings Released for Construction by Engineering Department.

Duties and Responsibilities

- Extracts steel or leg structures that are shown in an Engineering Drawing.
- Convert information from AutoCAD DXF format to CNC by using PRONEST software.
- Use PRONEST software to develop CNC programs that will be utilized in the Burning Section.
- Develop cut sheets, shop drawings with Bill-of-Materials and detailed sections.
- Draw a manual nesting.
- Submits an electronic copy of a cut sheet to burning section.
- Perform data entry of material in the AmFELS Incorporate Material Management (AIMM) system.
- Perform field surveys to develop shop drawing or steel place cut sheets.
- Review new drawings and revisions that have been updated and released by Engineering. (Structural, Piping, Outfitting, Electrical, Naval)
- Registers all incoming drawings into the cutting plan drawings schedule and status report.
- A maximum of 3 customer workloads.
- Verify dimensions and contours of models during hand-forming processes, using templates and measuring devices.
- Read blueprints, drawings, or written specifications, and consult with designers to determine sizes and shapes of patterns and required machine setups.
- Set up, operate, and adjust a variety of woodworking machines such as band saws and planers to cut and shape sections, parts, and patterns, according to specifications.
- Fit, fasten, and assemble wood parts together to form patterns, models, or sections, using glue, nails, dowels, bolts, screws, and other fasteners.
- Trim, smooth, and shape surfaces, and plane, shave, file, scrape, and sand models to attain specified shapes, using hand tools.
- Select wooden stock, determine layouts, and mark layouts of parts on stock, using precision equipment such as scribes, squares, and protractors.
- Construct wooden models, patterns, templates, full scale mock-ups, and molds for parts of products and production tools.
- Mark identifying information on patterns, parts, and templates to indicate assembly methods and details.
- Plan, lay out, and draw outlines of units, sectional patterns, or full-scale mock-ups of products.
- Fabricate work aids such as scrapers or templates.
- Perform other duties as assigned.

This job description reflects management's assignment of essential functions for this position. Management has the right to assign or reassign duties and responsibilities to this job at any time.

Experience & Knowledge Required	Skill & Abilities Required
<ul style="list-style-type: none"> • Minimum of 5 year of experience working in a shipbuilding environment • Possess knowledge of 3D modeling preferred 	<p>Proficient in MS Office (Access, Excel, PowerPoint, Word) Proficient in MS Outlook Teamwork Oriented Detailed Oriented Judgment and Decision Making Skills Ability to interpret drawings and manuals Ability to utilize AutoCAD and other 3D modeling software preferred Layout and Measure Skills Organizational Skills Bilingual (English/Spanish) preferred</p>

Education Qualification

High School Diploma or Equivalent required
 Bachelor's Degree in Engineering or related field preferred