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070815 – ENGINEERING JOB, Cerritos

Fast growing worldwide manufacturer of hydraulic liftgates; the latest in liftgate technology with innovative quality products and opportunity for growth

Job description: 3 D Modelling Engineer, Commercial Applications

Minimum Required Skills: 3D CAD structural design, Lean Manufacturing experience steel and aluminium

Desired person should have work experience in designing and engineering commercial applications. Related industries would be agricultural, forklifts, automotive, trucks, heavy machinery, valve and fitting manufacturing, engines, pumps and motors.

I. PURPOSE OF THE JOB

In coordination with the engineering board from Germany, using CAD equipment (Pro Engineer/ Wildfire) to create drafts for design and structure of new products including routine layouts, detail, assembly and specification prints. Detail prints to include all views and dimensions necessary for manufacturing.

II. ESSENTIAL FUNCTIONS AND RESPONSIBILITIES

- Initiate and / or develop new product designs (main goal) top to bottom
- Supervise the development, design, or modify mechanical engineering layouts/schematics and/or detailed drawings/specifications of difficult scope.
- Assist sales and marketing with presentations of new designs.
- Help customers with application solutions.

Some of the daily requirements of this position include:

- Creation and redesign of products to fit both internal and external requirements while providing data to support concepts.
- Develop clear and correct details: for assembly drawings for manufacturing, Bill of Materials and all other supporting documentation required for given project or situation.
- Identify, develop and implement process improvements for ease of manufacturability and cost reduction.
- Testing of mechanical and structural components.

III. SUPERVISORY RESPONSIBILITIES

Responsible for in-house prototype production

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IV. KNOWLEDGE AND SKILLS

- Associate's degree or equivalent from two-year College or technical school; and or Five(5) years related experience and/or training; or equivalent combination of education and experience.
- Strong communication and organizational skills along with the ability to work in a fast-paced, team-oriented environment are essential.
- Effective use of 3-D CAD system(s), with emphasis on Pro/E experience.
- Ability to work on various projects concurrently.
- Ability to read and interpret documents such as: engineering prints, department procedural documents, safety rules, etc...
- Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.
- Ability to use common engineering tools such as: callipers, thread gages, etc...
- Ability to work fundamentals of plane/solid geometry and trigonometry.
- Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.
- Ability to create prints with detailed multi-views.
- Ability to create assembly prints with bill of material structure.
- Skilled in PC usage and associated software including Microsoft Office (Word, Excel, Access, and PowerPoint).
- Specify and review engineering documentation.
- Implements concepts for variety of product issues and mechanical solutions.

V. WORKING CONDITIONS AND ENVIRONMENT

- Usual office working conditions including the latest in Pro E-Releases and new Hardware.
- Hands on trouble shooting skills are essential. Position will require some travel for training purposes to our head quarter in Germany and travelling to suppliers and/or customer sites as needed.
- Occasional exposure to shop elements such as noise, dust, fumes and odours.

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To discuss this employment opportunity, please contact:
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