

Engineering: SOLIDWORKS Designer/Drafter

Responsibilities:

Responsible for providing non analytical Engineering of designs, documentation of new drawings and models including BOM's and maintenance of existing drawings/models.

Job Requirements:

- Must have high level of understanding of SOLIDWORKS, AutoCAD and Excel (you will be required to complete a SOLIDWORKS test during the selection process)
- Create new and maintain existing piece part drawings, weldment drawings, assembly drawings, models, and bills of material.
- Accurately generate and process the drafting requirements of Engineering Notices as required.
- Employ instructions and generate ideas to design or modify layouts of designs for use in development of a solution of a specific problem or product need.
- Review assigned new release and revised documents for completeness and accuracy before submittal for authorization.
- Estimate time required for drafting/modeling tasks and resources for use in developing project schedules, budgets and comply with defined critical deadlines.
- Participate in reviewing and improving designs to improve efficiency and reduce cost.

Required Skills and Background:

- Formal drafting skills education.
- Competent with AutoCAD or AutoCAD LT software.
- Competent SolidWorks for modeling and drawings.
- Experience with documentation of off-highway equipment
- Ability to work with technically skilled persons.
- Familiar with mechanical, electrical, hydraulic and electrical drafting practices.
- Effective oral and written communicator.
- Familiar with metal fabrication processes such as casting, machining, welding, bending sheet metal, etc.
- Logical thinking with strong attention to detail.
- Ability to work independently as well as part of a team.
- Familiar with Engineering Department information systems.
- Familiar with Microsoft office information systems (Word, Outlook, Excel, Access, Project, and PowerPoint).
- Experience with additive manufacturing a plus.
- Experience with SolidWorks analysis (FEA analysis) software package a plus.
- Experience with PDM CAD management software a plus.