

JOB DESCRIPTION

Released Date:

Revised Date:

Functional Area:



POSITION: CAD Mechanical Drafter/Designer II

REPORTS TO: Engineering VP

General Description:

Utilize CAD (Computer-Aided Design) software to design/draft complete detailed, assembly and installation drawings from technical and sales data supplied by Engineers, Sales and other Senior managers in accordance with standard engineering drafting practices for mechanical equipment associated with robotic palletizing systems. This includes the documentation of new and existing parts, assemblies, and related mechanical components.

Essential Responsibilities:

- Create or modify 3D models while following established engineering modeling practices. • Export PDF, DXF and STP files.
- Process and manage ECN's (Engineering Change Notice), ESR's (Engineering Service Request) and TED's (Temporary Engineering Deviation).
- Manage and author drawing creation, modification and dissemination for all primary vehicle components.
- Establish common format and content across all existing drawing packages.
- Assist in in establishing drafting best practices and refine templates.
- Perform additional projects and duties as assigned by the Chief Engineer.
- Provide technical support to Local Motors manufacturing facilities through plant visits, conference calls, etc.
- Must be able to work in a team environment as well as independently.
- Manage multiple projects, resources and deadlines and provide updates to the Engineering manager and the team.

Training Objectives:

- Work with Electrical and Mechanical Engineers to develop individualized ongoing training program to improve knowledge and effectiveness.
- Within 90 days on the job, thoroughly understand the organization of engineering files within the company server and the process and methodology of using Solid Works and the company system to create, file and maintain company electrical part names and numbers, drawings and BOM

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Minimum Requirements:

- 1-3 years using Solidworks, AutoCAD or similar parametric modeling software to draft and design mechanical components in a manufacturing or related environment desired.
- Associate or Bachelor's degree in Industrial Design, Mechanical Engineering or related field.
- Ability to organize, plan, schedule, coordinate and complete detailed design work effectively.
- Must be able to work in a team environment, as well as independently.
- Knowledge of a company MRP/MIS system such as SAP or Epicor required.
- Computer skills: In addition to the requirements above, the candidate must have experience with MS Office, including intermediate to advanced knowledge of Word and Excel, Outlook, and other Office suite tools.