



Job Posting CAD Technician

Department: R&D

Job Title: CAD Technician

Reports to: CAD & Projects Manager

FLSA Status: Non-Exempt

Location: Monongahela, PA

COMPANY PROFILE

DMI Companies, founded in 1978, is a leading manufacturer of HVAC accessories supplying the commercial, industrial and residential HVAC markets through a vast network of domestic and international distributors. DMI has national standing as an industry leading innovator that possesses integrity and leadership skills which are testaments to the quality manufacturing and operating procedures engaged by DMI Companies. DMI is building a better world for ourselves and our children by providing a sustainable environment through our products, operations and personal conduct.

OVERVIEW

Create and maintain CAD files, originating from 3-D models, documenting all of DMI Industries products and equipment.

ESSENTIAL FUNCTIONS

The CAD Tech will have responsibilities to maintain all DMI Product documentation by creating new and finishing old Autodesk Inventor files.

The CAD Tech will:

- Interact with engineers as well as shop employees to research and document product dimensions, material, process, size range, etc. in order to complete the required Cad files in both 3D and 2D.
- Assist in new product and machine brainstorming design in order to contribute to the overall Engineering effort at DMI.
- Must rely on experience and judgment to plan and accomplish goals.
- Will perform a variety of complicated tasks utilizing a wide degree of creativity and latitude.
- Must be able to work productively with minimal supervision.
- Will assist in maintaining laser cut patterns for production

EXPERIENCE & COMPETENCIES

Technical Skills

- Solids modeling, experience 2-4 years
 - Expert level on use of Solids Modeling software, Inventor preferred
 - Parametric modeling
 - FEA experience is a plus
- Additional software is a plus
 - AutoCAD
 - Trumpf TruTops/CNC programming software
 - AutoCAD Electrical or other schematic software
 - Revit content creation
 - Additive manufacturing software
- Familiar with mechanical drawing standards and practices
 - Scale
 - Dimensioning
 - GD&T preferred
 - Revision control
- BOM understanding and experience
 - Vault or other MRP systems use is a plus
- Work experience in a manufacturing environment, concepts, practices and procedures
 - Metals Manufacturing Experience Preferred, ideally, Sheet metal, 2-4 years
- PC hardware general knowledge
- Microsoft Office applications knowledge in all products but preferred in the following
 - Excel 2013 or newer
 - Word 2013 or newer
 - Outlook 2013 or newer

Additional Qualifications

- Desire and aptitude for learning new things in ever-changing environment
- Strong problem-solving skills
- Strong communication skills
- Strong organizational skills
- Ability to manage multiple tasks and “emergencies” with a level-headed approach
- Ability to work independently and exercise discretion and judgment

EDUCATION

- 2-4 year CAD Degree Required

How to Apply: email resume and salary requirements to careers@dmicompanies.com