



**Job Title: Mechanical Draftsman**  
**Company: Trigen DC**  
**Location: Hyderabad, India**

## About Trigen DC:

Trigen DC is an IITM company incubated by Indus DC. At Trigen DC, we are at the forefront of advanced heating and patented cooling technologies, creating high-efficiency heat pumps that serve a myriad of industrial needs. As we establish our manufacturing center in Hyderabad to drive our next phase of growth, we are seeking a Supply Chain Manager who pushes our drive for innovation, quality, and sustainability. This role is pivotal in our vision to build a world leader in heating & cooling solutions that will directly contribute to reducing 100MT of CO2 while being a multi billion dollar company over the next decade.

## Job Description & Key Responsibilities:

- Prepare detailed mechanical drawings, blueprints, and schematics based on engineering designs and specifications.
- Use CAD software (AutoCAD, SolidWorks, or similar) to create 2D and 3D models.
- Collaborate with engineers to develop, modify, and finalize designs.
- Revise drawings based on feedback, engineering changes, and design modifications.
- Ensure that all drawings comply with company standards, industry guidelines, and safety regulations.
- Maintain accurate records of drawings, revisions, and document versions.
- Perform calculations related to dimensions, tolerances, and material requirements.
- Assist in preparing technical documentation and reports as needed.
- Participate in design reviews and provide input for improvements.
- Coordinate with other departments (e.g., manufacturing, quality control) to ensure designs are feasible and meet project requirements.



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### Qualifications:

- Diploma or associate degree in Mechanical Engineering.
- 2-3 years of experience in mechanical drafting or design.
- Proficiency in CAD software (AutoCAD, SolidWorks, etc.).
- Knowledge of mechanical engineering principles and Industrial standards.
- Strong attention to detail and accuracy in creating technical drawings.
- Ability to interpret engineering specifications, diagrams, and schematics.
- Basic understanding of materials, manufacturing processes, and mechanical systems.
- Good communication skills and ability to work collaboratively in a team environment.
- Problem-solving skills and the ability to adapt to changes in design or requirements.

### Preferred:

- Experience in the manufacturing or engineering industry.
- Familiarity with Geometric Dimensioning and Tolerancing (GD&T).
- Understanding of mechanical fabrication and assembly processes.
- Structural Load Calculation knowledge
- Sheet metal Design & Fabrication Knowledge
- Copper Piping & Electrical Wiring Module Knowledge

