



Position: Assistant Manager – Design

Division: Engineering / Design

Location: Ahilyanagar, Maharashtra, India

Experience: 5 to 10 years of relevant experience in sugar machinery / heavy engineering industry

Qualification: M.E. in Mechanical Engineering

Shrijee is a globally known supplier of turnkey sugarcane factory and sugar refinery projects. Established in 1976, Shrijee has supplied its equipment to more than 400 sugar factories in India and to leading sugar producers in more than 35 countries. The corporate headquarters are in Mumbai (India) and regional offices are in Lucknow, Pune, Ahmednagar and Chennai. Shrijee has three fully equipped manufacturing facilities located in the western and southern parts of India.

We have more than 160 people in our team, including 50 Engineers and 15 MBAs. In addition to these, at any given time, we usually have 100–200 people working on our sites in India & overseas.

We are looking for an **Assistant Manager – Design** for our Ahilyanagar Factory. The candidate will report to the department head.

Responsibilities include:

A. Equipment Design & Engineering

1. Heat Exchanger Design

- Design and development of various types of heat exchangers used in sugar process plants.
- Preparation of design calculations, thermal calculations, and detailed fabrication drawings.
- Selection of suitable materials considering pressure, temperature, and process requirements.

2. Agitator & Process Equipment Design

- Design and engineering of agitators, mixers, and process vessels used in sugar and allied industries.
- Preparation of GA drawings, assembly drawings, and detailed fabrication drawings.
- Ensuring compliance with design standards and process requirements.

3. Mechanical Design

- Preparation of mechanical design calculations for process equipment such as tanks, vessels, piping supports, and structural components.
- Checking of fabrication drawings and BOM before release to production.
- Coordination with manufacturing for design clarifications.

B. Engineering Documentation & Coordination

1. Design Documentation

- Preparation of detailed engineering drawings using AutoCAD / SolidWorks / other design software.
- Preparation of Bill of Materials (BOM) and technical specifications.
- Maintaining design records, revisions, and documentation control.



- Equipment Weight calculations & support to estimation team.

2. Cross-Department Coordination

- Coordination with production, procurement, and project teams for smooth execution of design requirements.
- Providing technical support to manufacturing during fabrication and assembly stages.
- Supporting site teams for installation-related design clarifications.

3. Technical Evaluation

- Technical review of vendor drawings and design submissions.
- Support procurement team in technical evaluation of equipment and components.

4. Quality & Standards

- Ensuring designs comply with industry standards, safety requirements, and company engineering practices.
- Participation in design reviews and improvement of engineering processes.

We are looking for:

- Strong knowledge of Heat Exchangers, Agitators, and Process Equipment Design.
- Experience in sugar industry machinery / process equipment manufacturing will added advantages.
- Proficiency in AutoCAD, SolidWorks or similar design software.
- Good understanding of mechanical design calculations and fabrication practices.
- Ability to coordinate with production, projects, and procurement teams.
- Strong problem-solving and analytical skills.
- 5 to 10 years of relevant experience in sugar machinery / heavy engineering industry.

Salary offered will be competitive. We offer a professional work environment. Please see our website for details about us: www.shrijee.com. If interested, please send resume and cover letter to:

Shrijee Group

A-504, Dynasty Business Park,
Andheri-Kurla Road, Andheri (East),
Mumbai - 400059.
Phone: + 91- 22 -4050 1000
E-mail: careers@shrijee.com

In case of e-mail applications, please put “**Assistant Manager – Design**” in the subject line.