

Position: Graduate Engineer (CAD Designer)

Reports to: Drafting Team Manager	Department: Process Engineering Projects
------------------------------------------	-------------------------------------------------

Job Location: Charleville, North Cork or Gateway Business Park, Cork City

Company Background

Established in 1978, Flow Technology is a privately-owned process engineering company based in Charleville, Co. Cork. Flow Technology designs, manufactures, installs and distributes specialist process equipment and systems for the manufacturing sector across the biopharma, pharmaceutical, beverage, food and dairy industries. The company is a market leader and is proud of its reputation for quality and delivery earned and maintained over decades and enjoys an excellent level of staff loyalty and retention.

Flow Technology has experienced significant growth over the last five years, with staff numbers currently standing at 112. Annual turnover has also grown almost 15% year-on-year since 2013.

The company is organized into 3 business units:

- Process Engineering Systems (skids)
- Mechanical Installation
- Process Equipment Solutions (sales distribution)

Purpose of the position

With Flow Technology continuing to experience strong growth, we are now seeking a CAD Designer to join our team.

The successful candidate will work as part of our drafting team, supporting the design of skids, carrying out site visits, and liaising directly with clients to deliver high-quality project solutions.

Responsibilities of CAD Designer

- Produce accurate CAD drawings to support the Process Engineering Teams projects.

Drawings Include;

- P&ID's (2D)
- General Layout Drawings (2D & 3D)
- Detailed skid systems models (3D)
- Site Layout and detailed equipment and pipework models.
- Workshop Drawings
 - Pipework Isometrics
 - Weld Maps
 - Slope Maps
 - Material Traceability Maps

- Interact with the projects team stakeholders (Internal, Client and suppliers) to develop concepts and ideas to workable solutions.
- Maintain and contribute to company drafting standards adherence and development.
- Troubleshoot CAD software and hardware issues as they arise and share learnings with the drafting team.
- Interact with the workshop craft personnel to develop knowledge of “how to build” aseptic process systems to ensure drawings are developed with the build process in mind.

Required key skills & experience of CAD Designer

- Minimum Level 7, Bachelor of Engineering in Mechanical Engineering.
- Equivalent of >70% in CAD related modules.
- An understanding of mechanical/process engineering/metal fabrication projects.
- Quick learner that grasps concepts and easily adapts to different CAD software.
- Ability to think in a three-dimensional manner.
- Highly organized and ability to multi-task and manage competing needs and deadlines.
- Excellent attention to detail.
- Strong communication skills, both oral and written, including ability to develop detailed applications proposals.
- Ability to work well in a team.
- Competent computer skills in Microsoft Word, PowerPoint and Excel.
- Clean driver's license.

The Package

This is an exciting opportunity to join a successful profitable company.

- Attractive salary with scope for progression.
- Laptop.
- Annual performance-related bonus.
- Company pension scheme.
- Support for training and self-development.

We look forward to receiving your application via our website, or by contacting our HR Manager at

hr@flowtechnology.ie