
JOB ADVERT

CAD Technician

£30,000 - £35,000

Knutsford, Cheshire (with hybrid working)

Due to a significant pipeline of technically innovative multimillion pound environmental and energy projects, Stopford have an opportunity for a CAD Technician to join the team to work with highly skilled professionals who are constantly striving to deliver excellence and best practice.

The Role

You will be working on a wide range of projects in the environmental and energy sectors ranging from water industry to waste to energy plants, biomass and plastic recycling facilities, new waste gasification technology and also supporting the development of our own cutting edge sustainable, low carbon technologies to name a few.

As a CAD Technician you will be responsible for the preparation of CAD drawing in accordance with Stopford's Standard Operating Procedures.

This is a full-time, permanent position based in our offices in Knutsford. There is the opportunity for Hybrid working.

Key Responsibilities include:

- 2D CAD drafting (AutoCAD) – PIDs, PFDs, GAs, Details, Pipe supports, Isometrics, site layouts, hazardous area classification layouts.
- 3D CAD drafting (Plant 3D/ReCap/Revit) – 3D piping, mechanical equipment modelling, simple concrete details, Navisworks 3D model federation, clash detection, modelling from point cloud data, 3D point cloud manipulation, 3D fly-throughs and cross-sections, BIM compliant models.
- Preparing pre and post construction drawings.
- Site visits including 3D laser scanning, general site surveys, total station survey, as-built checking, tie-in identification, meeting with clients, interpreting client requirements.

Onsite construction and commissioning support may be required depending on the project.

About you

- Experience using CAD software (1-2 years) is essential
- Experience using Autodesk software (AutoCAD, Navisworks, etc.) is desirable
- Excellent computer knowledge, including the Microsoft Office suite.
- Excellent communication ability both verbal and written.
- Knowledge of Energy, Chemical and Waste Handling plants would be beneficial
- Prior knowledge of relevant codes and standards (ASME, BSi, ISO, etc) is an advantage.

The Company

Stopford is an international energy and environmental engineering company, our professional services span Technology and Innovation, Consultancy and Project Delivery. We are an industry leader with a portfolio spanning research and development through to design and commissioning of process, power, and renewables technology. With a worldwide clientele in emerging and existing industries, we provide a full range of project management and engineering services.

Employment at Stopford brings many benefits including:

- Competitive salary
- Profit related bonus payment (10%)
- Pension (5% employer and 5% employee)
- 25 days holiday plus bank holidays
- Additional day off to celebrate your Birthday
- Private medical insurance
- Employee assistance programme
- Free on-site parking
- Reimbursement of professional membership fees
- Long service awards

Please go to our website for a full job description to familiarise yourself with all of the responsibilities, skills and experience required before you apply.

Please note that we do not accept applications from agencies, and you must be eligible to live and work in the UK.

We look forward to receiving your CV for the post of CAD Technician.

Closing date: 31 July 2024

Stopford reserves the right to bring forward the closing date if we receive a suitable number of quality applications from which to make a shortlist. Therefore, we would recommend that you apply as soon as possible.

Please note that due to the volume of applications we receive we are unfortunately not able to respond to each applicant. If you have not been called for interview within 3 weeks of the closing date, you should assume that on this occasion your application has been unsuccessful.

Job Description

Position: CAD Technician

Group: Projects

Location: Knutsford

Ambition

Our ambition is to lead the way in engineering a sustainable world through the transition to a low carbon economy.

Values

Our values guide the way we carry out our everyday activities to achieve our ambition:

- Responsibility – Committed to ethical and responsible actions
- Innovation – Innovation to create sustainable value
- Unrivalled expertise – Delivering a world class service
- Inclusivity – Working together with mutual respect
- Sustainability – Awareness at every opportunity

Description

You will be part of a multi-disciplined team responsible for the design of renewable energy projects. Reporting to the CAD Team Leader, you will be responsible for preparation of CAD drawings in accordance with Stopford Standard Operating Procedures.

Key Accountabilities/Responsibilities

As a CAD Technician, you will be responsible for:

- Preparation of CAD drawings in accordance with Stopford Standard Operating Procedures, including:
 - 2D CAD drafting (AutoCAD) – PIDs, PFDs, GAs, Details, Pipe supports, Isometrics, site layouts, hazardous area classification layouts.
 - 3D CAD drafting (Plant 3D/ReCap/Revit) – 3D piping, mechanical equipment modelling, simple concrete details, Navisworks 3D model federation, clash detection, modelling from point cloud data, 3D point cloud manipulation, 3D fly-throughs and cross-sections, BIM compliant models.
- Preparing pre and post construction drawings.
- Site visits including 3D laser scanning, general site surveys, total station survey, as-built checking, tie-in identification, meeting with clients, interpreting client requirements.

Onsite construction and commissioning support may be required depending on the project.

Minimum Requirements – Education and Experience

- (Essential) Experience using CAD software (1-2 years)
- (Desirable) Experience using Autodesk software (AutoCAD, Navisworks, etc.)
- Excellent computer knowledge, including the Microsoft Office suite.
- Excellent communication ability both verbal and written.
- Knowledge or Energy, Chemical and Waste Handling plants would be beneficial
- Prior knowledge of relevant codes and standards (ASME, BSi, ISO, etc) is an advantage.

Company Wide Aspects

Adhere to Stopford's Business Management System.

Review

The above is not an exhaustive list of duties and you will be expected to perform different tasks as necessitated by your role within the organisation and the overall business objectives of the organisation.