

# come and work with us



## **Structural CAD Technician**

### **The Role:**

Produce Models, Drawings relating to the Civil and Structural design of water and waste water assets.

### **Key Responsibilities:**

#### **Prepare, outline and detail designs for projects**

Production of technical drawings in AutoCAD.

Manage drafting process (conceptual, detailed and for construction)

#### **Health and Safety Compliance**

Provide input to the pre-construction Health and Safety Plan, including risk assessments, so that it can be prepared and updated at appropriate intervals.

Provide input to the Designers Health and Safety File and Quality Assurance File and ensure it is reviewed and updated accordingly.

#### **Project Management**

Ensure that the technical content of all work is carried out in accordance with the agreed timescales and budgets.

#### **Collaboration**

Work directly with the supply chain to gather relevant information relating to the technical specification of the project.

Work closely with team members from other disciplines to ensure the project requirements are met and drive efficient delivery.

Participate in project reviews relating to design, progress and construction to receive questions and challenges in a constructive manner.

#### **Transformation**

Proactively research, present and implement innovative new processes and ways of working to optimise output. Examples of this are:

Paperless design and construction

Using Autodesk BIM 360

Developing and using standard designs

Exploring the use of other software packages such as Autodesk Dynamo

### **Key Relationships:**

Civil Engineers

Technical Managers

Supply Chain Representatives

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## Person Specification:

The successful candidate is likely to meet all of the following criteria:

### Essential

Level 5 qualification or higher in Civil/Structural Engineering  
Strong working experience with Autodesk AutoCAD  
Excellent visual communication skills  
Fluent in Microsoft Office 360  
Self-motivated and takes responsibly  
Able to accept and deliver constructive challenges

### Desirable

Reinforcement detailing  
Reinforcement scheduling  
Concrete specification and design  
Being able to deal with point cloud surveys  
Experience in Autodesk Revit  
Experience in Microstations or Aecosim

## Benefits:

As well as offering a competitive salary, remuneration for this role includes flexible benefits, which provides a range of guaranteed benefits including but not limited to:

- 5% Company pension contribution
- Company car/car allowance
- Life Assurance at 2 x notional salary
- Single persons private medical cover
- Permanent Health Cover

## About Barhale:

Barhale is one of the largest privately owned civil engineering and infrastructure specialists with 40 years' experience working UK-wide across the water, transport, built environment and energy sectors. Founded by our Chairman, Dennis Curran in 1980, the group was originally set up as a specialist tunnelling contractor. Whilst we retain our tunnelling roots, repeated success in several sectors of the construction industry has enabled us to expand our skill set and become one of the largest privately owned infrastructure specialists in the UK.

## What we do

We provide design, construction and maintenance services to the following sectors;

- Water
- Transport
- Energy
- Built Environment

We also possess a range of specialist skills to support our civil engineering and infrastructure activities including

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The Barhale logo consists of a square icon with a yellow circle inside, followed by the word "Barhale" in a bold, sans-serif font. The background of the top section of the page features a photograph of construction workers in orange high-visibility gear and white hard hats, with the Barhale logo overlaid on the right side.

- Tunnelling
- MEICA capabilities
- In-house design
- A steel-fabrication and supply subsidiary (BCS Group)

## Who we are

Barhale operate as a tier 1 partner for blue chip, regulated and private clients. We work as part of large frameworks, joint ventures and alliances, as well as on individual projects developing long-standing relationships based on Trust, Integrity and Pride.

## Our People

We employ a direct workforce of over 800 employees nationwide. We recognise that our business is only as good as the people we employ, which is why we value them so highly and invest in regular training and development, utilising our dedicated training facility in Walsall.

## How to apply:

Please send your current CV and covering email outlining your suitability for the role to [careers@barhale.co.uk](mailto:careers@barhale.co.uk)

We are an equal opportunities employer. We are determined that no job applicant or employee receives less favorable treatment on the grounds of sex, pregnancy or maternity, gender re-assignment, sexual orientation, religion or belief, marriage or civil partnership, age, race or disability. All information will remain confidential to Barhale and will be handled in accordance with the requirements of the Data Protection Act.