

# USL EKSPAN - BARNSELEY

## GRADUATE DESIGN ENGINEER



The **USL Group of companies** are market leaders in the provision of **specialist civil engineering and construction solutions** for virtually any type of new build or refurbishment project. For almost four decades, the business has been at the **forefront of cutting-edge resin and cementitious technology**, combining high performing innovative products, first class operations, expert technical support, and unrivalled customer service.

**USL Ekspan** offer an unrivalled range of specialist services including spray applied bridge deck membranes, bridge deck expansion joints, structural bearings, bridge deck drainage as well as bespoke structural fabrications.

With a comprehensive portfolio of products and a highly developed global network, the business is focussed on providing specialist construction solutions on a truly global basis.

At our site in Barnsley, we are looking for **an ambitious and motivated graduate engineer** to join our **Design Department**. Reporting to the Design Manager, these are excellent opportunities for high calibre individuals to collaborate with our team of experienced professionals and engineers in a dynamic environment.

As a successful candidate, you will need to display the desire, drive, and determination to perform as part of a team. You will be given responsibility requiring you to organise your workload and be proactive. **Full training and mentoring will be provided.** This is an excellent opportunity to gain exceptional experience, which is attractive to any career-minded engineer.

### Main Activities/Responsibilities:

1. Design structural bearings through the various stages of design from calculations to 3D modelling, FEA, formal submission, manufacturing drawings and installation
2. Creation and compilation of project specific documentation, and manufacturing drawings once approval is received
3. Apply techniques such as design for manufacture, design for assembly and installation and concurrent engineering
4. Prepare general arrangement drawings and produce detailed drawings for manufacture
5. Provide support for the design's life cycle (Product Lifecycle Management) from concept through to installation and service
6. Provide support to customers (internal and external) around the rapid evaluation of problems, & specialist advice with the preparation & presentation of solutions

### Ideally you will have:

- Solid technical background in Structural/Mechanical engineering
- Experience of, and can demonstrate good interpretation of complex engineering drawings
- A general understanding of bridge/construction industry/bridge bearings, expansion joints
- Working under own initiative, demonstrating an ability to set & meet personal targets, combined with the flexibility to adjust to workload priorities to take account of new deadlines.
- Interpersonal and communication skills and a commitment to customer service; ability to build and maintain good working relationships with colleagues, clients, and sub-contractors
- IT knowledge, including Microsoft 365 Suite: Outlook, Word, Excel, PowerPoint, ERP and/or MRP systems, CRM, AutoCAD/SolidWorks, and industry-specific software
- A flexible, forward-thinking approach to work, along with the ability to work as part of a team.

### Our fantastic package includes:

- Support and funding for Chartered status
- Car Allowance
- Private Healthcare Plan
- 8% non-contributory pension scheme
- Bonus Scheme
- 23 days holiday per annum
- Digital Suggestion Box, Employees of the Month Scheme (win a £200 voucher!), secure free parking, wellbeing & charity initiatives, CPD Forum

<b>Degree Disciplines</b>	<b>Structural/Mechanical/Aerospace Engineering; Apprentice-trained or equivalent experience</b>
<b>Applications:</b> Cover letter describing how you meet the criteria & CV to: <b>Katy Brooksbank, HR Manager</b>	<b>USL Ekspan – Part of the USL Group</b> Cavendish House, Unit 1, Enterprise 36, Tankersley, Barnsley, S75 3DZ, UK Tel: 0191 416 1530 Email: <a href="mailto:katy.brooksbank@uslgroup.com">katy.brooksbank@uslgroup.com</a> Web: <a href="http://www.uslekspan.com">www.uslekspan.com</a> <a href="http://www.uslgroup.com">www.uslgroup.com</a>
<b>Closing Date</b>	<b>8 July 2022</b>

**A full Job Description is available upon request**