

Job Title: Control System Engineer

Team: Electrical Department

Reporting to: Head of Technical Solutions

Location: Scarborough, Manchester, Coventry

Overall Definition of the Job:

Unison Ltd is a world-class manufacturer of industrial tube bending machines supplying high-end products to a global market, with a wide variety of customers from small jobbing shops to the biggest international players in the Aerospace, Automotive and Marine sectors. We currently have a full-time vacancy for a Control Systems Designer to further strengthen our electrical team. The successful candidate will be required to produce high quality work to tight deadlines with the minimum of supervision. This position would ideally suit a candidate with 1-3 years' experience in a similar field. Working closely with the Technical Manager you will play a key role in the continuous improvement of our electrical control systems and build process with key focus on quality and consistency. This is an exciting role based in a fast-paced production environment.

Responsibilities:

- Ensure conformance customer specification
- Design of control systems for our world class range of servo controlled bending machines
- Design of one off control systems for 'special' bespoke machines
- Design of 3ph mains power, control and machine safety circuits
- Creation of BOM's
- Creation of technical drawings and related documents in 2D Autocad or 3D Solidworks
- Creation and revision control of manufacturing drawings and technical documents
- Collaboration with manufacturing teams
- Ensure compliance with current machinery directive legislation
- Provide remote customer support
- Ensure the quality of manufactured electrical systems
- Provide commissioning and fault-finding guidance to production teams
- Maintain up to date technical records in accordance with ISO procedures
- Help maintain factory electrical infrastructure records

Preferred experience / knowledge:

- 17th Edition Wiring Regulations
- Inspection and Testing
- Minimum level 3 qualification in related discipline or HNC
- At least 1 years' experience in a similar role
- At least 1 years' experience with servo motion control systems
- Experience of 3 phase power distribution
- Experience of PLC programming
- Experience of motion control programming
- At least 1 years' experience of machine safety systems to machinery directive standards
- Good commercial awareness

Faroe House, Thornburgh Road, Eastfield, Scarborough, North Yorkshire,

United Kingdom. YO11 3UY (Company Reg: 1105991)

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Special requirements:

- Travel both in the UK and abroad occasionally
- Full driving licence
- UK Passport

Location: Scarborough, Coventry, Manchester

The post is based at our manufacturing facility in Scarborough but travel throughout the UK and world may be required.

This is a full-time salary based position. You will be required to work a 39-hour week 7:45 - 4:45pm Monday to Thursday, with an early finish at 1pm Friday. You may be required to work overtime depending on production demand.

To apply please email James Dobson: enquiries@unisonltd.com

Or alternatively, send your CV to: Unison Ltd, Faroe House, Thornburgh Road, Eastfield, Scarborough, YO11 3UY.

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