

WE'RE HIRING

Control & Instrumentation Designer

Location

Grimsby/Teesside/Remote available for the right Candidate

Salary

£37,000–£55,000 + excellent benefits, based on experience

Contract

Permanent
Contractor (Outside IR35)

Working Pattern

Full-time/ Flexible working options available

About Technica

We're growing. Technica is a specialist engineering company delivering complex, multi-disciplinary projects for clients across the UK and international energy and critical infrastructure sectors – spanning EC&I (Electrical, Controls & Instrumentation), software and controls, mechanical, process and civil engineering, with full accountability from design through to build.

An ambitious five-year strategy is taking us into new markets, new capability and new scale – which means genuine opportunity for the people joining us now: to grow a career, take on real responsibility, and help shape where the business goes next, alongside a team with over 20 years in the industry.

OUR WHY

Technica exists because the work we do matters. Millions of people depend on the infrastructure our team helps design, build, and maintain – from the energy that powers homes and businesses to the critical systems that keep industries running safely.

We're driven by the impact of getting it right: safe operations, systems that perform, and clients who can focus on what comes next rather than worrying about what might go wrong.

Why this role matters

We're hiring a Control & Instrumentation Designer to deliver detailed C&I designs for our engineering projects. You'll bring ideas to life, helping our clients achieve their project goals while working closely with our engineering teams.

This role is ideal for someone who:

- Enjoys technical problem-solving and takes pride in accurate, detailed work
- Understands how clear, practical design supports a positive client experience
- Communicates well and works collaboratively across engineering disciplines
- Brings strong C&I fundamentals, curiosity and a proactive approach to development

You'll work alongside experienced EC&I professionals on instrumentation, control systems and interfaces with other disciplines. You don't need deep experience in every area of EC&I or the energy sector: if you bring sound C&I knowledge and a desire to grow, we'll support your development.

How you'll contribute

You'll deliver control and instrumentation designs from concept through to final sign-off, aligning technical requirements with the client's needs. You'll:

- Prepare and check detailed C&I design documentation using P&IDs and site layouts
 - Produce general arrangements, cable routes, block diagrams, loop sheets and hook-up drawings
 - Prepare and check control panel layouts and wiring diagrams
 - Specify equipment and prepare C&I datasheets, I/O schedules, cable schedules and instrument lists
 - Perform design calculations for intrinsic safety, power and heat loss
 - Prepare scopes of work and associated design documentation
 - Coordinate with design colleagues, clients, contractors and vendors
 - Work safely to company quality requirements and client, national and international standards, while developing and maintaining your skills
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What you'll bring

Essential

- HNC in Electrical Engineering, Control Engineering or a related field
- Proficiency in control systems design and implementation
- Strong analytical and problem-solving skills
- Excellent communication and teamwork abilities

Useful, but not essential

- Three years' C&I design experience
- Gas sector and ATEX experience
- Relevant industry certifications
- Electrical experience and knowledge

What you'll get

- £37,000–£55,000 salary, based on experience
- 25 days holiday + bank holidays
- Company Performance Bonus Scheme
- Private healthcare (plus family options)
- Company pension
- Death in Service & Critical Illness cover
- Recognition scheme & genuine commitment to your development

Interested in joining us?

If you're a C&I designer who enjoys solving technical problems, producing quality designs and building strong working relationships, we'd welcome a conversation. Send your CV to get started.

Apply: recruitment@technicaltd.com