

WE'RE HIRING

Electrical Engineer HV Biased

Location

Grimsby, Teesside, Remote working
available for the right Candidate

Salary

£63,000–£88,500 + excellent benefits, based on
experience

Contract

Permanent
Contractor (Outside IR35)

Working Pattern

Full Time,

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 an HV-biased Electrical Engineer to develop robust high-voltage electrical designs for our engineering projects. You'll work closely with our engineering and design teams to turn client requirements into safe, efficient and reliable solutions, contributing directly to successful project delivery.

This role is ideal for someone who:

- Enjoys technical problem-solving and takes pride in accurate, detailed work
- Develops safe, efficient and reliable electrical engineering solutions
- Communicates clearly and collaborates well with clients and project teams
- Brings strong HV electrical fundamentals and a proactive approach to developing their skills

You'll work alongside experienced EC&I professionals on HV electrical equipment and power distribution 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 HV engineering knowledge and a desire to grow, we'll support your development.

How you'll contribute

You'll provide HV electrical engineering design support across our projects, working with colleagues and clients to deliver solutions that meet technical and operational needs.

You'll:

- Translate client requirements into HV electrical designs and plan the engineering activities needed to deliver them
 - Prepare, check and approve electrical design documentation
 - Specify HV electrical equipment and prepare datasheets
 - Coordinate with design colleagues, clients, contractors, vendors and relevant authorities
 - Attend project and technical meetings, and conduct site surveys and assessments
 - Support cost estimates, tender packages and site commissioning
 - Work to client, national and international standards, regulations and company quality procedures
 - Carry out engineering work safely and effectively, and develop and maintain your technical skills
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What you'll bring

Essential

- HNC in Electrical Engineering or a related discipline
- Experience in HV electrical design and implementation
- Strong analytical and problem-solving skills
- Clear communication and effective teamwork

Desirable

- Five or more years' experience in electrical design, engineering or management
- Gas industry and ATEX experience, with relevant industry certifications

HV technical knowledge

- Ability to produce and interpret power system studies using ETAP, DigSILENT PowerFactory or equivalent
- Strong knowledge of IEC 62271-200, IEC 60076 and IEC 61936
- Ability to produce and interpret earthing models using CDEGS or equivalent, with a sound understanding of BS EN 50522
- Understanding of the interdependencies between earthing and lightning protection systems and the IEC 62305 standard

What you'll get

- £63,000–£88,500 salary, based on experience
- 25 days holiday + bank holidays
- Performance-based bonus scheme
- Private healthcare (plus family options)
- Company pension
- Death in Service & Critical Illness cover
- Dynamic working, with at least two days per week in Grimsby
- Recognition scheme & genuine commitment to your development

Interested in joining us?

If you're an electrical engineer who enjoys solving technical problems, delivering reliable designs and building strong working relationships, we'd welcome a conversation. Send your CV to get started.

Apply: recruitment@technicaltd.com