

Department: Engineering Controls **Site:** Lincoln
Reporting to: Senior CAD Designer **Key Reports:** None

Role Summary

We are looking for a CAD Design Engineer to join our Engineering team. This entry-level position supports the creation, update, and maintenance of engineering drawings and documentation for retrofit, upgrade, and controls projects.

Working closely with senior engineers and designers, they will develop CAD skills and gain experience in engineering documentation, and project support. As experience grows, they will gain exposure to controls engineering activities, creating opportunities to develop into specialist CAD Designer or progress towards a Controls Engineer role within the business.

Key Responsibilities and Tasks

All job holders need to demonstrate, understand and implement the company values within their role.

Teamwork & Communication:

- Work collaboratively within the Engineering team and across departments to deliver accurate and timely engineering drawings.
- Support engineering projects by preparing 2D and 3D models, including schematics, layouts, and bills of materials.
- Participate in project meetings, design reviews, and occasional site visits to gain understanding of practical engineering applications.
- Communicate clearly with colleagues and other departments to clarify design requirements and ensure alignment with project objectives.
- Take responsibility for your own development, seeking opportunities for learning and feedback from colleagues and mentors.

Safety & Sustainability:

- Ensure all design work complies with relevant health, safety, and environmental standards.
- Support the team in producing designs that promote sustainable and efficient engineering solutions.
- Contribute to maintaining accurate documentation and version control to ensure traceability and compliance with company quality systems.
- Take an active role in identifying and mitigating potential safety or environmental risks within project work.



Accountability:

- Take ownership of the accuracy and quality of your drawings and documentation.
- Assist in updating and digitising legacy drawings into modern CAD systems.
- Follow company procedures, drawing standards, and approval processes to ensure professional and consistent outputs.
- Manage workload effectively, communicating progress and challenges promptly to your line manager.

Quality & Reliability:

- Maintain drawing records, ensuring all data is current, traceable, and compliant with internal and external standards.
- Support engineers in the preparation of manufacturing, assembly, and installation documentation.
- Develop a strong attention to detail, checking and verifying all work before submission.
- Contribute to continuous improvement initiatives to enhance the clarity, quality, and reliability of design deliverables.

Excellence in Delivery:

- Deliver drawings, models, and documentation to agreed timescales and quality standards.
- Support engineers on retrofit and control system upgrade projects, ensuring accurate and efficient CAD support.
- Take part in training to build proficiency in CAD software and expand your technical understanding of control systems and gas turbine applications.
- Demonstrate enthusiasm for learning, adaptability, and a commitment to supporting the team in achieving project success.

Required Skills

Education (qualifications & training)

- HNC, ONC/OND or studying towards a qualification or equivalent qualification in Mechanical, Electrical, or Design Engineering.
- Familiarity with CAD software (AutoCAD essential; SolidWorks/Inventor desirable).
- Awareness of engineering drawing standards, documentation processes, and version control.
- Interest in control systems, schematics, and gas turbine applications.



Skills (capabilities & qualities)

- Strong attention to detail and a methodical approach to work.
- Effective communication and teamwork skills.
- Good problem-solving ability and willingness to learn from feedback.
- Ability to manage tasks effectively and prioritise work to meet deadlines.
- Proactive attitude and enthusiasm for developing technical knowledge.
- Good IT skills, including familiarity with Microsoft Office tools and business systems.

