Senior Mechanical Engineer (Contract)

We are seeking an experienced **Senior Mechanical Engineer** to support the delivery of engineering projects through the development of design concepts, design studies and manufacturing designs.

Working as part of a multidisciplinary engineering team, you will develop and substantiate engineering solutions, carrying out design studies, technical assessments and engineering calculations to support project delivery. You will produce the documentation required to justify designs and support activities through manufacture, installation and commissioning.

Below is an outline of duties and responsibilities:

- Develop design concepts, layouts and engineering solutions in accordance with project requirements.
- Undertake design studies, investigations and assessments, producing reports and recommendations to support engineering decision-making.
- Perform technical risk assessments to support CDM compliance, CE/UKCA requirements and wider engineering assurance activities.
- Produce designs that comply with relevant legislation, British Standards, European Standards and customer requirements.
- Ensure designs adequately address operability, maintainability, reliability and safety requirements.
- Produce design justification reports and supporting documentation to demonstrate that identified technical risks have been appropriately mitigated.
- Produce and maintain technical files in accordance with project and quality assurance requirements.
- Generate engineering information, including drawings, specifications and work instructions, to support manufacturing, assembly and installation activities.
- Review and check engineering drawings and technical documentation for accuracy and compliance.
- Support project delivery by ensuring engineering activities are completed in line with agreed programmes, budgets and quality expectations.
- Work collaboratively with engineering disciplines, stakeholders and Subject Matter Experts (SMEs) to develop effective engineering solutions.
- Provide technical support during procurement, manufacture, testing, installation and commissioning activities.