

JOB SPECIFICATION – Mechanical Design Engineer

JOB TITLE:

Mechanical Design Engineer

REPORTS TO:

Head of Fire Suppression – UK & Europe

LOCATION:

Site based – Hybrid - Remote

JOB DESCRIPTION:

The role will involve preparing the design drawings and calculations for Sprinkler and High and Low Pressure Water Mist Systems.

ROLES & RESPONSIBILITIES:

- Preparation of technical sprinkler and high/ low pressure water mist designs.
- BIM/ revit modelling & AutoCAD drawings.
- Completion documentation i.e. certification and drawings.
- Provide technical advice to customers and internal team.

OUR SYSTEMS:

Sprinkler
Sem-Safe
VID Firekill

PERSON SPECIFICATION:

- Competent in Sprinkler, Low and High Pressure Water Mist designs to BS EN 12845, BS8489, FM5560 standards ensuring compliance with LPCB/ NFPA codes of practice.
- LPCB sprinkler certification preferred.
- AutoCAD/ Revit experience required.
- CSCS/ ECS Card holder preferred.
- You need a solid engineering background, with a comprehensive technical and practical understanding of Water based fire protection systems. This includes the correct methods of installation. You need in-depth knowledge of British and European Standards relating to fire protection systems.
- IT Competent to be able use Microsoft packages (Word, Excel).
- Flexible with working hours and ability to work away from home within the UK and Europe when required.
- Ability to work unsupervised with capability to problem solve.
- Willingness to learn and develop within a growing organisation.
- Full clean UK driving license essential.
- Be a positive, friendly and a strong confident communicator.

EMPLOYEE BENEFITS PACKAGE:

- Private Healthcare Scheme.
- Pension Scheme.
- 22 days annual leave, plus UK public Bank Holidays.
- Additional day of annual leave for your Birthday.
- Opportunity for continued professional development.

TRAINING:

Opportunities for training and continuous personal development.

**If you are interested in this position
please contact**

enquiries@criticalbusinesssolutions.com

Critical Business Solutions LTD is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. We encourage individuals from all backgrounds to apply.

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