

#### Industries

- Principal to all Ex environments, with direct application in hazardous gas, vapour and dust environments

#### Entry Quals

##### Guidance

##### Minimum Academic route

- HNC
- HND
- Degree

##### Discipline: Engineering

*\*Or relevant demonstratable knowledge and experience.*

#### Entry Knowledge - Expected

- Has an understanding and is able to read and interpret engineering drawings
- Can interpret manufacturer's data for electrical equipment relevant to its application in an Ex area
- Evaluate the performance of equipment, assemblies or systems of relevance to application in Ex areas
- Should have a working knowledge of the relevant parts of IEC 60079 Part 14

#### Entry Skills - Expected

- No practical skills required
- Be able to analyse data effectively

#### Job Roles

##### Aspiring to or operating in

- EC&I Engineer
- EC&I Designer

#### Entry Experience

##### Guidance

- A good understanding of basic electrical application design practice.
- Have at least 2 years' experience working in Ex environments

#### Entry Knowledge - Desirable

- Have a level of understanding that is equivalent to or exceeds ExF
- Understand those aspects of equipment design which affect the installation of Ex equipment of IEC 60079 Part 14
- Understanding those aspects of equipment design which affect inspection and maintenance requirements of IEC 60079 Part 14