



Job Description - Senior Process Safety Engineer

Job Title	Senior Process Safety Engineer [V2]
Department	Process Safety Department
Reporting to	Chemical Process Safety Manager
Responsible for	N/A
Location	Standish Site
Hours of Work	8am – 4pm Monday to Friday
Contract	Permanent [6 Month probation period]

Job purpose Providing Technical Safety support to the Site to ensure effective implementation of process safety and other regulatory requirements whilst observing risk management processes. This includes providing support under the DSEAR & COMAH regulations in the UK.

- Responsibilities**
- Produce Technical Safety/process engineering deliverables as required in support of the business.
 - Develop safety engineering philosophies, design HSE plans, safety specifications, equipment specifications.
 - Arrange and participate in formal process safety assessments such as HAZID, HAZOP, and SIL target setting studies, and generate study reports.
 - Lead HAZID and SIL target setting studies.
 - Input to, and participation at, project design assurance reviews such as P&ID reviews, Constructability reviews
 - Hazardous area classification following industry codes and guidance (BS 60079, EI15,)
 - Develop and implement functional safety management plans (BS EN-61511)
 - Produce and review specifications, data sheets, schedules, study reports, and design calculations; ensuring that they conform to engineering quality, competence, and project management systems.
 - Provide technical support to projects and sites as required.
 - Adhere to and comply with relevant discipline specific procedures and provide feedback for continuous improvement.
 - Ensure self-awareness of relevant regulatory framework, legislative changes, initiatives and industry technology developments
 - Thorough knowledge and understanding of the fundamentals of process safety and environmental engineering methodologies, software systems, and design practices as they relate to FEED, Detail Design, Construction, Commissioning, and plant Start-up.
 - Awareness of international codes and standards



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Skills / Knowledge / Experience	Essential	Desirable
Minimum of 5 years relevant chemical experience	X	
Awareness of process operations	X	
Excellent verbal and written communication skills	X	
Demonstrate knowledge of COMAH, DSEAR, ATEX and other Health and Safety legislations applicable to Bitrez	X	
Ability to work independently and as part of a team	X	
Able to multitask and be self-driven	X	
Positive outlook and clear focus	X	
Technically proficient in all areas of process safety and loss prevention e.g. HAZOP, PHA etc	X	
Proficient in Word, Excel, Outlook, and PowerPoint	X	
Knowledge and experience of relevant H&S and Environmental Legislation	X	
Demonstrate knowledge of Bases of Safety	X	
Sound knowledge of manufacturing improvement strategies and approaches (e.g. Six Sigma, Lean, FMEA etc.)		X
Experienced & effective problem solver, leading problem-solving teams both cross-functional and within Production, Engineering and Technical functions providing analytical solutions & effective actions		X
Demonstrable experience of leading safety studies (HAZID/HAZOP/LOPA)		X
DSEAR risk assessment experience		X

Qualifications	Essential	Desirable
Degree in appropriate Engineering Discipline	X	
Chartered Engineer	X	
Applicants must have the rights to work in UK	X	
Qualification in process safety related subjects	X	