

Technical Safety Lead Engineer (Technical Authority)

Location: Onshore Aberdeen, opportunity for hybrid working

Salary: Competitive

Date Posted: Friday, 28 August 2026

Closing Date: Friday, 11 September 2026

The Role

At Serica Energy, the safe management of Major Accident Hazards is central to how we operate. We are seeking a Technical Safety Lead (Technical Authority) to provide expert technical leadership, independent assurance and strategic direction across our assets and projects. This is a senior discipline role for an individual recognised as an authoritative Technical Safety professional who combines deep expertise with sound judgement and the ability to influence at all levels.

Reporting to the Technical Safety Manager, you will act as the discipline Technical Authority, setting expectations, defining standards and providing independent oversight to ensure Technical Safety risks are identified, assessed and managed effectively. Your expertise will support safe operations, robust decision-making and compliance with regulatory requirements across our portfolio.

You will be a trusted advisor to operational, project and leadership teams, providing clear guidance on major hazard management, risk assessment, ALARP demonstrations and Technical Safety studies. While confident in your technical authority, you'll work collaboratively across the business, building credibility through strong Communication and mutual Respect.

The role offers the opportunity to shape how Technical Safety is applied across Serica, from supporting existing operations to influencing future developments. You will lead by example, ensuring technical excellence while empowering others to make informed, risk-based decisions through a culture of Empowerment & Accountability.

As a recognised leader within the discipline, you will champion continuous Learning, sharing industry insights, mentoring colleagues and driving improvements that strengthen our management of Major Accident Hazards and support operational excellence

What we are looking for in potential candidates:

We're looking for an experienced Technical Safety leader who can provide authoritative technical guidance while building strong relationships across multidisciplinary teams.

Key Responsibilities

- Act as Technical Authority for Technical Safety, providing independent assurance, expert judgement and clear direction on Major Accident Hazard management.
- Provide authoritative technical leadership, with the confidence to challenge constructively and hold the line when safety, integrity or regulatory compliance demands it.
- Build credibility and trusted relationships across asset, project and leadership teams, working collaboratively to achieve practical and effective risk-based outcomes.
- Lead and influence complex technical safety studies, risk assessments and regulatory submissions, delivering high-quality outputs while balancing competing operational and project priorities.
- Communicate clearly across a wide range of stakeholders, facilitating constructive discussion, resolving challenges and helping prevent conflicts before they arise.

- Mentor and support Technical Safety professionals, promoting technical excellence, continuous learning and the delivery of robust, defensible solutions, even in high-pressure environments

Experience & Qualifications

- Degree qualified in Chemical Engineering, Process Engineering or a related discipline.
- Extensive Technical Safety and Process Safety experience supporting both operational assets and engineering projects.
- Strong UK offshore oil and gas experience, with a thorough understanding of major hazard management and regulatory requirements.
- Proven experience leading and reviewing Technical Safety studies such as QRA, fire and explosion assessments, dispersion modelling, EER analysis and hazard identification workshops.
- Demonstrated ability to provide authoritative technical advice, make informed recommendations and influence stakeholders at all organisational levels.
- Strong communicator who remains collaborative, credible and effective when working under pressure or managing challenging discussions.

Our Culture

Serica offers the opportunity to be part of a busy, vibrant working environment with a strong culture rooted in mutual respect and trust.

We are passionate about building an inclusive culture that attracts and encourages diversity. We want our employees to feel that they can bring their true self to work, as we recognise the potential that this unlocks and the value that it brings.

We have created an environment that puts people at the heart of everything we do, based on a shared set of values. This means not just doing the essentials of looking after everyone's health, safety and wellbeing but their development, their sense of belonging and their success. Only by making our values a real part of everyday life at Serica can we achieve our goals and grow as individuals and together.

In real terms this means being truly supportive of the things that matter to our people.

Next Steps

If, having read the information above, you would be interested in a conversation to take things forward, please use the **Apply Here** button to submit your application.

Please note that applications for this role will be managed by our recruitment partner, the Orion Group. By submitting your application, you acknowledge that your personal data will be shared with and processed by Orion for the purposes of recruitment. For queries or to exercise your data protection rights, you can contact Orion at marketing@orioneng.com. Further information on how your data is used can be found in their [Privacy Policy](#).

JOB DESCRIPTION

Job Title:	TECHNICAL SAFETY LEAD (TECHNICAL AUTHORITY)
Department:	TECHNICAL SAFETY
Onshore/Offshore:	ONSHORE
Location:	ABERDEEN
Reports to:	TECHNICAL SAFETY MANAGER

Role Purpose

Write a short description of the role below:

Reporting to the Technical Safety Manager, the Technical Safety Lead (Technical Authority) provides technical leadership and independent assurance for the management of Major Accident Hazards across Serica assets and projects.

The role is responsible for establishing and maintaining Technical Safety standards, supporting regulatory compliance, leading technical safety studies and regulatory submissions, and providing specialist advice on risk assessment, hazard management and ALARP demonstration.

The role acts as the discipline Technical Authority, ensuring Technical Safety risks are appropriately identified, assessed and managed, while supporting operational excellence and continual improvement in the management of major accident hazards.

Areas of Responsibility

Geographical Span:	Serica Assets
Budgetary Responsibilities:	No
Direct Reports:	No
Travel Required:	Occasional offshore travel required

Main Tasks

Please note that this list of duties is not exhaustive, and employees will be expected to undertake reasonable duties commensurate of their role and grade.

Technical Leadership:

- Provide expert technical advice on the control of Major Accident Hazards (MAH)
- Lead the development and updating of Technical Safety standards and engineering practices, and provide technical advice and expertise as required
- Lead the updating of Safety Management System documents and processes relating to control of MAH, aligning them with regulatory and industry expectations, such as Safety Case Regulations, PFEER and OEUK guidance, or equivalent.
- Lead the development of discipline documentation, including Fire & Explosion Engineering, MAH Risk Assessment and Management, Hazard Identification, ALARP demonstration, Inherently Safer Design
- Work collaboratively with other Discipline Technical Authorities (TAs) on cross-discipline documentation relating to MAH management, including HAZOPs, LOPAs/ functional safety, hazardous area zoning, etc

- Support the Process Safety Manager and Technical Safety Manager by providing suitable technical input to business processes relating to control of MAH
- Provide expert technical advice to operated assets, focussed on UK and EU offshore production
- Provide expert technical advice to projects and modifications, including relevant codes, standards and good practice, design and modification assessments and justifications
- Support the growth of the company into other regulatory regimes, by providing expert technical advice to the company on the technical arrangements and requirements for control of MAH where the company takes on such responsibilities

Independent Audits and Investigations:

- Lead technical investigations and root cause analyses of failures or near-misses involving technical safety elements
- Lead and coordinate internal audits and assurance reviews relating to the control of MAH
- Provide independent, discipline-specific assurance of compliance with regulatory and company requirements
- Support the development of key performance indicators (KPIs) and assurance metrics to monitor the performance of control of MAH
- Develop and oversee arrangements for bowtie and cumulative risk management with respect to control of MAH

Technical Safety Discipline Activities:

- Identify and assess MAH scenarios for operations and projects
- Lead and approve engineering studies and reports, such as: fire and explosion hazard analysis, dispersion modelling, EER analysis, Temporary Refuge impairment, Hazardous Area Reviews, and QRAs
- Provide Technical Safety input to studies including HAZID, HAZOP, LOPA, Bowtie development, SIMOPS reviews, ALARP demonstration, and Inherently Safer Design
- Provide technical input into Operational Risk Assessments, Management of Change, Project Check Point reviews and other risk assessments
- Lead the development, maintenance and revision of Major Accident Hazard regulatory documentation and submissions (eg. Safety Cases, COMAH Safety Reports, Pipeline safety documentation and equivalent submissions under Netherlands SodM or other applicable regimes where the company takes on such responsibilities)
- Provide Technical Safety input into the sign-off of risks and in support of risk-based decisions

Regulatory Interactions:

- Monitor industry learning and communicate relevant insights to the Technical Safety Manager and Asset teams
- Represent Serica on relevant industry forums

Functional Leadership:

- Provide support and guidance to Technical Safety Engineers, ensuring they use suitable methodologies for technical safety assessments and studies and reports.
- Support them in the correct application of such assessment techniques and in the use of the outputs of these to support risk related decisions
- Provide professional support and mentoring to Technical Safety Engineers in their work and continued professional development

Decide/ Agree Rights:

- Decide: Technical approach, modelling inputs and analytical assumptions within assigned engineering studies (such as: Fire and Explosion Hazard Assessments, Dispersion modelling, EER

analysis, Temporary Refuge Impact reviews, Hazardous Area Reviews and QRAs) within delegated authority • Recommend and Agree: Work with relevant engineering discipline TAs to develop suitable methodologies for engineering studies and reports (such as HAZID, HAZOP, LOPA) • Agree: Technical Safety content of Major Accident Hazard documentation sections, including Safety Cases, COMAH Safety Reports, Pipeline safety documentation and equivalent submissions under Netherlands SodM or other applicable regimes) within delegated authority • Recommend and Agree: Discipline expectations for Fire & Explosion Engineering, MAH Risk Assessment, Hazard Identification, ALARP demonstration and Inherently Safer Design • Decide: Independent Technical Safety sign-off of design, operational, deviation and MAH-related decisions within delegated authority • Decide: Initiation and technical scope of investigations into technical safety failures or near-misses within delegated authority • Agree: Major Accident Hazard regulatory submissions and material change assessments (with relevant Asset Managers and Head of HSEQA as required) (eg. Safety Cases, COMAH Safety reports, Pipeline safety documentation and equivalent submissions under Netherlands SodM or other applicable regimes) • Recommend: ALARP positions and MAH risk tolerability arguments with relevant engineering and operational stakeholders • Recommend: Regulatory responses related to Technical Safety matters (with Head of HSEQA where required) • Recommend: Technical Safety elements of the OMS

Professional/Educational Requirements	
Essential:	Education: • Degree in Chemical Engineering, Process Engineering, or equivalent Professional Experience: • Demonstrable experience in Technical Safety engineering across operational assets, including maintenance support, brownfield modifications and project interfaces • Demonstrable experience conducting Technical Safety studies, including Fire Protection reviews, Dispersion modelling, EER analysis, Temporary Refuge Impact reviews, Hazardous Area Reviews, QRAs, ALARP demonstration, Hazard Identification methodologies (HAZID/HAZOP Participation or leadership) Technical & Regulatory Knowledge: • Has a good knowledge of regulatory requirements, technical codes, standards and guidelines Leadership & Communication: • Ability to lead people including those out with own team • Strong performance bias and able to work under own initiative without supervision, whilst communicating effectively with peers