

NSSS Piping Engineering Technical Lead

[Apply Now](#)

Company: MPH Groupe

Location: United Kingdom

Category: other-general

JOB DESCRIPTION

Job Purpose:

The Technical Lead reports functionally to the Engineering Manager and should be considered as the technical expertise within the team to support resolution of topics and queries. They will support the NSSS Auxiliary Piping scope, this covers high integrity large and small bore piping and supports (EM04) and Instrumentation (EM09) within the Safeguard, Fuel, Auxiliary and Reactor Buildings. Instrumentation is a sub-set of the NSSS scope, covering small instrumentation piping and cabinets.

They will support full off-site delivery life cycle, the particular focus is to ensuring delivery to plan and mitigating delivery risks, taking 'best for Project solutions' where necessary. The role responsibilities also include ensuring delivery of the review and acceptance of design by the various parties under the surveillance of Nuclear Services.

This post has the responsibility to ensure delivery of all the engineering from all parties up to delivery to Site (HO3) in accordance with the overall Project schedule (delegation/support taken from the Building Coordination Managers). This post will ensure planning and delivery of design and engineering is performed in accordance with all safety, quality and cost parameters to meet the needs of the Project.

The TL will support the Engineering Manager during their work with the Joint Design Office (JDO) to ensure the transfer of engineering responsibility from EPM to the JDO is managed efficiently and support is provided to the JDO as necessary during post HO3 activities.

Dimensions:

MEH detailed design is delivered by the Responsible Designers, including the remaining Open Points at Handover. Execution Designers translate the detailed design into a condition adequate for manufacturing and installation. Engineering issues may continue to be raised during manufacturing and installation (the latter outside the scope of this role), while changes and configuration needs to be controlled. The following key responsibilities have been delegated by the EM to the TL:

Ensuring timely resolution of engineering issues as they arise in support of the delivery for which the Senior Project Manager is accountable.

Manage / coordinate all engineering issues as per the given discipline over the entire off-site lifecycle including all Early Warnings, Technical Queries and General Communications raised, open points (OP) and design change (DC) etc.

Responsible for liaison with all parties contributing to the delivery of works to HO3, ensuring that information is exchanged as required and that all parties deliver their roles to plan.

Principal Responsibilities:

The main responsibility is to support the Engineering Manager in resolving technical topics and queries by providing prioritised and timely turnaround on engineering issues, facilitating as needed the relevant discussions and expediting internal processes such as review & acceptance and change control etc. The TL will:

Oversee the resolution of NSSS large bore, small bore and instrumentation piping related topics and Technical Queries.

Responsible for the timely turn-around of contractual correspondence linked to engineering issues (TQs, EWNs, CEs, etc.).

Close cooperate with NSSS Configuration and Open Point Manager for all topics in the responsibility of the Technical Leader, evaluation of remaining risks and schedule /cost impact

Ensure with Project Engineers that proper engineering support is provided throughout all activities by all design contributors.

Support the EM through the governance routes for engineering matters (e.g. technical: preparation of CMB papers, commercial: preparation of PWR's and PCR's, related to design delivery and changes in schedule)

Ensure design interfaces and supplier feedback are effectively managed and controlled.

Inform management with reports / progress reporting (where applicable and to be defined)

Preparation of trackers for schedule and maturity analysis, etc.

Any other specific duties that the Engineering Manager discharges to the TL.

As of today the main topics to be conducted are: which could be supplemented by:

Valves

Execution Design Surveillance EM04 and EM09

- Confirm installation scope for installation contractor

- CTS (RD), EDSR (Contractor), HO2 delivery (RD, NNB, Contractor)

- Ensure procurement and delivery, cooperate with the valve project managers (contract specific)

HELB (High Energy Line Break)

Manage installation procedure, identify and close gaps in regard to procedures, installation surveillance, installation support by valve supplier or manufacturer

Stress Corrosion Cracking (SCC)

Painting, pipe protection

Thermal fatigue sensitive locations

Pre-fabrication follow up and HO3

EFTT (Early Fracture Toughness Test) continuation

EW (Early Warning)

PSI / ISI

issued by Responsible Designer or Contractor

HIC (High Integrity Components)

PIA (Post Installed Anchorage)

NNB bulk piping procurement, sub-contracts deliveries

Extended Enterprise

LPWHT (Local Post Weld Heat Treatment)

Upcoming new topics

Key Interfaces

The TL will support the identified stakeholders on the following tasks:

Engineering Manager for the discipline

- Day-to-day support of Engineering Managers covering specific contracts

Responsible Designer (RD) Contract Engineering Lead (CEL) and Discipline Lead

- Support on technical issues impacting RD design

- Support on Execution Design surveillance (HO2)

- Support for engineering issues post HO2 (TQ's etc)

- Support on manufacturing surveillance (HO3)

Nuclear Services

- Acceptance process for design deliverables and escalation route for acceptance-related issues

- Nuclear Services retain the Intelligent Customer oversight for the Safety Case

Execution Designer - Bilfinger

- Execution design delivery, closure of Open Points, queries and technical issues

- Manufacturing engineering issues resolution between HO2 and HO3

Fabricators/Manufacturers - Bilfinger and sub-suppliers

- Execution design delivery, closure of Open Points, queries and technical issues

- Manufacturing engineering issues resolution between HO2 and HO3

JDO

- Support resolution of Non-Conformity Reports (NCRs) and other issues from site

- Supporting hand over of pipes and supports to JDO (HO3 process)

Quality

- Resolution of design and manufacturing NCR and more widely of any technical issue arising from quality control activities together with TST

Other HPC Engineering Entities (Plant Integration & other Programs)

- Interface with other disciplines for transverse topics
- Interface with Plant Integration to support configuration management

Nature and Scope:

The nature of the role is to provide technical leadership to the discipline to ensure delivery in accordance with the principles of safety, quality, time and cost and not impeded by delayed resolution of engineering issues.

Strong discipline expertise is expected as well as facilitation skills to bring different parties to resolve engineering issues. A proper view over the entire Project lifecycle is needed to ensure that solutions for current issues will not create later impediments and delays.

The role will require frequent interaction with the Responsible Designer, Execution Designers, Fabricators/Manufacturers, Nuclear Services and JDO on site.

QUALIFICATIONS

Knowledge, Skills, Qualifications & Experience:

Mechanical Engineering Knowledge in general, experience of the design, manufacture and installation of small bore and large bore piping, and instrumentation cabinets, ideally in a nuclear application.

Track record of delivering technical expertise in projects within a technically complex and dynamic environment, whilst ensuring high levels of safety, security and environmental responsibility, ideally within the Nuclear Energy sector or similar regulated environment.

Demonstrable awareness of integrated management system and the different policies, procedures, standards and documents applicable to technical and contractual management.

Experience of successfully engaging groups of stakeholders and facilitating issues resolution.

Good presentation, influencing and facilitation skills. Excellent communication and organisational skills, able to develop relationships and maintain effective networks.

Strong numerical and analytical skills.

Degree and chartered status in an engineering, construction or other related field.

Knowledge of CDM Regulations.

Location:

The Technical Lead position base location is the EDF Site Delivery Centre (SDC) in Bridgwater.

Key Competencies:

Inspiration

Get the things done, focus on short and long term objectives

Respect schedule and costs

Assess complex situations when to escalate issues

Work in pragmatic approach

Enthusiasm, energy, passion and conviction

Integrity

Ability to cope in a technically complex and fast-changing environment, and to respond calmly and rationally to changing aspirations in a deadline-driven situation

Consider interfaces during issue resolution

Respecting confidentiality

Impact

Strong planning and organising skills including the ability to manage several work streams

simultaneously

Determination and focus to drive projects through to implementation.

Involvement

Determination and focus to drive projects through to implementation.

Good influencing and persuasion skills with the ability to enthuse and inspire multidisciplinary teams and build successful relationships at all levels.

Good team player, self motivated and able to work on own initiative

[Apply Now](#)

Cross References and Citations:

1. **NSSS Piping Engineering Technical Lead** [Searchenginejoblistings Jobs United Kingdom Searchenginejoblistings](#) ↗
2. **NSSS Piping Engineering Technical Lead** [Barcelonajobs Jobs United Kingdom Barcelonajobs](#) ↗
3. **NSSS Piping Engineering Technical Lead** [Govcareer Jobs United Kingdom Govcareer](#) ↗
4. **NSSS Piping Engineering Technical Lead** [GeneticsjobsJobs United Kingdom Geneticsjobs](#) ↗
5. **NSSS Piping Engineering Technical Lead** [Christmasjobs Jobs United Kingdom Christmasjobs](#) ↗
6. **NSSS Piping Engineering Technical Lead** [Trademethejobs Jobs United Kingdom Trademethejobs](#) ↗
7. **NSSS Piping Engineering Technical Lead** [Therapistjobs Jobs United Kingdom Therapistjobs](#) ↗
8. **NSSS Piping Engineering Technical Lead** [Dermatologistjobs Jobs United Kingdom Dermatologistjobs](#) ↗
9. **NSSS Piping Engineering Technical Lead** [Europajobscentral Jobs United Kingdom](#)

Europajobscentral ↗

10. NSSS Piping Engineering Technical LeadDelhijobs Jobs United KingdomDelhijobs ↗

**11. NSSS Piping Engineering Technical LeadPresidentjobs Jobs United Kingdom
Presidentjobs ↗**

**12. NSSS Piping Engineering Technical LeadHybridjobsJobs United Kingdom
Hybridjobs↗**

**13. NSSS Piping Engineering Technical LeadHungaryjobsJobs United Kingdom
Hungaryjobs↗**

**14. NSSS Piping Engineering Technical LeadLahorejobs Jobs United Kingdom
Lahorejobs ↗**

**15. NSSS Piping Engineering Technical LeadCopenhagenjobsJobs United Kingdom
Copenhagenjobs↗**

**16. NSSS Piping Engineering Technical LeadGermanyjobs Jobs United Kingdom
Germanyjobs ↗**

**17. NSSS Piping Engineering Technical LeadPhiladelphiajobs Jobs United Kingdom
Philadelphiajobs ↗**

**18. NSSS Piping Engineering Technical LeadAdvertisingjobs Jobs United Kingdom
Advertisingjobs ↗**

19. Nsss piping engineering technical lead Jobs United kingdom ↗

20. AMP Version of Nsss piping engineering technical lead ↗

21. Nsss piping engineering technical lead United kingdom Jobs ↗

22. Nsss piping engineering technical lead Jobs United kingdom ↗

23. Nsss piping engineering technical lead Job Search ↗

24. Nsss piping engineering technical lead Search ↗

25. Nsss piping engineering technical lead Find Jobs ↗

Source<https://uk.expertini.com/jobs/job/nsss-piping-engineering-technical-lead-united-kingdom-mph-groupe-99ebfbb88c/>

Generated on: 2024-05-02 by [Expertini.Com](https://www.expertini.com)