

Job Title: Principal Architect

Purpose: Nexus technical lead and asset steward for architectural matters including buildings, stations and bus infrastructure across capital projects, maintenance, and operations. The Principal Architect will ensure that Nexus meet all relevant statutory, regulatory, and industry best-practice standards for architectural elements. The Principal Architect will work collaboratively with internal and external stakeholders, and ensure that assets remain safe, compliant, and fit for purpose throughout their lifecycle.



Safety Rating: TBC

Remuneration: Salary Band 5

1. Principal areas of responsibility

- 1.1 Act as the asset steward for Nexus architectural assets and disciplines including but not limited to buildings, stations, and bus infrastructure.
- 1.2 Act as the Nexus technical and key Nexus stakeholder and subject matter expert for architectural matters.
- 1.3 Act as the Nexus technical lead for architectural matters associated with Capital Programme projects, supporting and determining requirements for projects from conception, design, tendering, construction to handover.
- 1.4 Act as the Nexus technical lead for architectural matters associated with non-capital programme workstreams, maintenance, and operations, including the production and continually improving of standards.
- 1.5 Provide specialist architectural advice to internal and external stakeholders, including design teams, project managers, senior leadership, maintainers, consultants, and contractors.
- 1.6 Provide architectural related sign-off or acceptance where appropriate, whether project or non-project related.
- 1.7 Lead the review and updating of all Nexus architectural information, ensuring they remain current, accurate, and compliant with evolving regulatory requirements and best practice.
- 1.8 Support the Fire Engineer in reviewing all relevant Nexus fire safety information including but not limited to fire risk assessments, fire surveys, fire action plans, and provide guidance to QHSSE on the completion of this information.
- 1.9 Support the Bus Engineers in reviewing all relevant Nexus bus infrastructure information.
- 1.10 Support as necessary the BIM Lead within the Engineering Support team in the development of Nexus BIM implementation and digital twins.
- 1.11 Assess the current condition of architectural assets and provide lifecycle management of the architectural assets in accordance with ISO 55000 series and the Nexus Asset Management Policy.
- 1.12 Undertake and support audits/ inspections and other similar activities aimed at evaluating compliance of the assets against regulatory requirements, standards, and specifications.
- 1.13 Undertake and support investigations and post-incident reviews where architectural

- advice and expertise is required.
- 1.14 Provide architectural input as necessary during emergency incidents.
 - 1.15 Work closely with QHSSE and other key stakeholders to ensure that Nexus complies with the appropriate regulatory requirements and best practice.
 - 1.16 Identify opportunities to innovate, trial, and adopt new architectural materials or systems or processes, technologies, data, or methodologies, contributing to continuous improvement.
 - 1.17 Where applicable, lead the relevant resource that is under your direct control whether internal or procured externally.
 - 1.18 Represent the Engineering team from a architectural perspective and cover the Head of Engineering when necessary.

2. Dimensions

2.1 Communications

- 2.1.1 Verbal and written communication with all levels of internal stakeholders.
- 2.1.2 Verbal and written communication with all levels of external stakeholders
- 2.1.2 Communicate complex architectural concepts clearly to non-technical stakeholders.
- 2.1.3 Communicate complex architectural concepts clearly to technical stakeholders.
- 2.1.4 Represent architectural in multi-disciplinary project meetings, non-project meetings, design reviews, safety working groups, and other applicable audiences.
- 2.1.5 Produce high-quality technical scopes, reports, specifications, standards, and other documentation as necessary.

2.2 Decision Making & Problem Solving

- 2.2.1 Provide technical input/ designs relating to architectural, balancing compliance, safety, asset lifecycle management, and operational need.
- 2.2.2 Interpret engineering data, standards, and regulations to recommend and determine practical solutions to both project and non-project items.
- 2.2.3 Determine the applicable regulatory requirements, standards, and best practice that Nexus are working to.

2.3 Initiative & Independence

- 2.3.1 Independently lead architectural decision-making within project and non-project environments, and across the asset base.
- 2.3.2 Independently lead the design and/or evaluation of existing and new architectural systems, considering innovation continually.
- 2.3.3 Develop and define maintenance, repair, and renewal specifications for the architectural discipline.

2.4 Resources

- 2.4.1 Utilise electronic tools, architectural software (where appropriate), and other platforms to analyse, design, or modify architectural assets.
- 2.4.2 Utilise access to external resources including but not limited to British Standards portal, Accuris/ Information Handling Services to analyse, design, or modify architectural assets.

2.5 People

- 2.5.1 Line management responsibilities for a Fire Engineer, Buildings Engineer, and Bus Engineers, within the Nexus Engineering team.
- 2.5.2 Oversee and direct external architectural consultants, or specialist contractors.

2.6 Health & Safety

- 2.6.1 Ensure architectural considerations are integrated into Nexus Health & safety systems, standards, procedures, processes and any other applicable documentation/ information.
- 2.6.2 Understand and follow the appropriate Nexus Rulebook, Safe Systems of Work, Risk Assessments, Method Statements, etc. and ensure correct usage of PPE where necessary.

3. Statutory Duties

- 3.1 Responsible for managing those elements of the safety management system allocated to Nexus Engineering and specially to the role of Principal Engineer/ Principal Architect for the safe operation of Nexus assets, and associated project and non-project workstreams.
- 3.2 Responsible for carrying out duties and ensuring procedures and processes are in place to meet regulatory, legislative, and standard requirements for Nexus, ensuring Nexus are in line with industry best practice.
- 3.3 Maintain awareness of relevant safety publications.

Job Title	Principal Architect
Job Evaluation date	
Grade	
Compiled by	
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