



# Candidate information

## Technical Engineering Manager



## Job Description

Role title: Technical Engineering Manager	Role reference: JD208	
<p><b>Summary of the role:</b></p> <p>The Technical Engineering Manager will work closely with the Associate Director of Estates to ensure compliance with regulations and implement high engineering standards. They will lead research and development efforts, resolve engineering issues, oversee projects, and provide technical guidance. This role requires in-depth technical knowledge, expertise in healthcare engineering, and strong leadership skills. The Technical Engineering Manager will also report to senior management and coordinate with operational teams.</p>		<p><b>Reports to:</b> Associate Director of Estates</p> <p><b>Base / location:</b> Multi Sited</p>
<p><b>Key responsibilities</b></p> <ul style="list-style-type: none"> <li>• Lead research and development efforts to explore new technologies, methodologies, and innovations that can improve engineering processes, products, or services.</li> <li>• Possess in-depth technical knowledge and expertise in the relevant field of engineering. Stay updated with industry trends, advancements, and best practices.</li> <li>• Resolve engineering issues within a project or maintenance task, answer technical queries, produce technical reports, appraise mechanical and electrical proposals prior to installation and review mechanical and electrical installations once built.</li> </ul>		<p><b>Working relationships &amp; contacts</b></p> <p>Delivers complex technical information and non-routine guidance which may be sensitive to staff groups</p> <p>External Contractors</p> <p>Negotiates with senior managers and directors providing complex</p>

<ul style="list-style-type: none"><li>• Oversee and manage engineering projects from conception to completion, ensuring adherence to timelines, budgets, and quality standards.</li><li>• Implement a technical strategy aligned with the organisation's goals and objectives. Identify technology trends and advancements that can enhance engineering processes and outcomes.</li><li>• Review Planned Preventative Maintenance (PPM) schedules for technical compliance, assist in the production of tender documents for works packages and major projects</li><li>• Provide technical guidance and expertise in the analysis of engineering projects. Ensure that designs meet functional requirements, safety standards, and regulatory compliance.</li><li>• Foster collaboration and knowledge sharing among engineers and technical experts within and outside the organisation. Stay connected with industry networks and professional associations to stay updated on technical advancements.</li><li>• Promote and enforce a strong safety culture within the engineering team. Ensure compliance with health and safety regulations and implement measures to minimize workplace hazards.</li><li>• Develop and implement technical strategies for emergency preparedness and response, including disaster recovery plans, backup systems, and contingency protocols. Ensure that critical healthcare systems remain operational during emergencies.</li></ul>	<p>Extensive liaison and communication with Clinical teams, providing sound advice as required.</p>
	<p><b>Performance measures and key performance indicators (KPIs) (If required)</b></p>

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| <ul style="list-style-type: none"><li>• Evaluate and assess new healthcare technologies, effectiveness, and cost-effectiveness. Provide technical input in the decision-making process for technology adoption and procurement.</li><li>• Develop, implement and review life cycle analysis plans against assets to ISO 14040 and 14044.</li></ul> |  |
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## Person Specification

<b>Person Specification</b> <b>(E) – Essential, (D) – Desirable</b>		
<b>Knowledge and Skills:</b>	<b>Experience:</b>	<b>Qualifications and Professional Memberships:</b>
<p>Excellent communication skills (E)</p> <p>Good knowledge of Health and Safety legislation and regulations in relation to mechanical systems.(E)</p> <p>Electrical or Mechanical engineering experience (E)</p> <p>Compliance and regulations knowledge (E)</p> <p>Analytical skills (E)</p> <p>Knowledge of HTMs (E)</p> <p>Proven project management skills (D)</p> <p>High level of IT/ computer skills (D)</p>	<p>Technical engineering background essential. Experience in engineering, with progressively increasing responsibilities and leadership roles.(E)</p> <p>Highly developed advanced technical, practical and theoretical knowledge of complex hospital engineering systems (D)</p> <p>Experience of giving presentations on technical issues (D)</p> <p>Experience of producing or contributing to estates policies (D)</p> <p>Experience and knowledge of NHS procedures, systems, legislation and guidance (D)</p>	<p>A degree or equivalent experience in engineering. (E)</p> <p>Current or previously held AP qualifications (D)</p> <p>Professional membership (CIBSE, IET, IMechE, MSOE, IHEEM, etc) (E)</p>

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## Essential Health and Safety information

Does the post involve...		Y	N
<b>Confined spaces?</b>	A “confined space” means any enclosed place, such as may need to be accessed by estates staff for maintenance such as loft spaces, plant rooms or flues.	Y	
<b>Driving?</b>	This means driving a company vehicle, passenger carrying vehicle or transporting patients in own vehicle for work purposes. It does not include commuting or driving between places of work.		N
<b>Exposure to substances hazardous to health?</b>	This is where risk assessments have identified known health hazards (chemical, biological or radiological). For example, designated latex glove user.		N
<b>Hand arm vibration exposure?</b>	This includes hand held tools such as drills, saws, gardening tools, domestic cleaning tools and other power equipment.	Y	
<b>Hand washing?</b>	This means washing hands 20 plus times per working day.		N
<b>Lone working?</b>	This means employees who work by themselves without close or direct supervision. Lone working may be found in a wide range of situations, such as home or community visits, working alone outside normal hours, working in remote or confined areas (such as plant rooms).		N
<b>Manual handling?</b>	This means all job roles where there are specific manual handling / patient handling requirements.		N
<b>Night working?</b>	This means regular work at least 3 hours during the agreed ‘night period’ (usually includes 11pm to 6am).		N
<b>Noise exposure?</b>	This is where risk assessments have identified noise levels under the Noise at Work Regulations 2005, and is likely to include areas where ear protection is needed or workers regularly have to shout to communicate due to background noise.	Y	
<b>Work at heights?</b>	A place is ‘at height’ if a person could be injured falling from it. This includes working on ladders, up scaffold or any other apparatus. It may also apply to staff who regularly have to stand on kick-stools or steps for significant periods of time to retrieve items/ notes from high shelving.	Y	