

# Job Description

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Job title	Senior Energy Engineer	Date: June 2022
Reports to (title)	Senior Engineering Compliance & Assurance Manager	
Contract/Department		Revision
Location	GSK Account (base location Stevenage)	

## Job purpose

Describe the overall purpose of the job in two or three sentences.

The Senior Energy Engineer position will focus on the identification and quantification of energy and water efficiency opportunities associated with new and existing buildings across all systems, equipment and energy producing structures including, but not limited to, HVAC and central energy plants, lighting, controls, and automation. Senior Energy Engineer will be responsible for the proposal, development and evaluation of energy-related projects or programs delivered by EMCOR to reduce energy costs and/or improve energy / water efficiency.

## Duties/responsibilities/accountabilities/deliverables

List the main aspects of the job, with an emphasis on duties and responsibilities for junior roles, and accountabilities and deliverables for more senior roles.

- Perform on-site energy efficiency audits that are focused on HVAC / Utility systems and associated control systems and lighting energy efficiency opportunities
- Analyse potential opportunities, create proposals and present findings to client.
- Work with site operation team to optimise system performance i.e. via BMS setting optimisation.
- Recommend system operations based on current client needs and building usage.
- Research emerging technologies and standards for implementation into company practice and project implementation
- Conduct site visits to verify installation and operation of technologies including ownership of site metering systems
- Co-ordinate and inspect on-site work and installations performed by suppliers, consultants and contractors
- Work with project site staff, client staff and maintenance teams to ensure accurate operation within design parameters
- Work with Energy Data Analyst to review consumption before, during and after implementation phases

## Resource responsibilities

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Indicate the typical number of direct reports, financial responsibility, control over subcontractors and any responsibility for assets, systems or outsourced services.

No direct reports.  
 Hosting of contractors and consultants during site visits / surveys.

## Person specification

Describe the knowledge, skills, qualifications, personality and experience required for the job.

- Experience in similar role or field. (Desirable)
- Experience in facilities/utilities operation and maintenance. Required system experience HVAC, Steam generation systems, Chilled water generation.
- Experience in Refrigeration systems and F-Gas / Natural refrigerant applications an advantage
- Building Services Degree qualified or working towards (Desirable)
- Knowledge of BMS systems is essential and proficiency with Metasys with access to modify code desirable.
- Project management skills (change control, budgets, planning and tracking)
- Energy management – CEM qualified or equivalent desirable

## Other factors relevant to the job

Enter any additional information which the job holder would need to know, for example: requirement for UK-wide travel, shift patterns, night working, call outs etc.

- The position is based at GSK R&D Stevenage but travel to other sites will be required.
- To work reasonable overtime as and when required, assistance on other sites can be expected.
- You may be required complete any reasonable request by management.

Line Manager <i>Signature</i>	
Print Name	
Date	

Job Holder <i>Signature</i>	
Print Name	
Date	

<i>FOR HR USE ONLY:</i>				
<i>Job Grade</i>		<i>EMCOR Competency Level</i>		<i>Training Profile UTC</i>