

Junior Engineer/GET-

The roles and responsibilities of a GET/ Junior Engineer in the building services industry involve supporting the engineering team in the design, implementation, and maintenance of various systems within buildings. Here are typical roles and responsibilities for a Junior Engineer in the building services industry:

Project Support:

Assist senior engineers in the planning and execution of building services projects. Contribute to the development of project plans and timelines.

Design Assistance:

Support the design process of building systems such as HVAC, plumbing, electrical, and fire protection. Create and modify technical calculations, drawings and schematics using design software.

Data Collection and Analysis:

Collect data relevant to building systems, such as energy usage, environmental conditions, and equipment specifications.

Assist in analyzing data to support engineering decisions.

Coordination with Other Disciplines:

Collaborate with engineers from different disciplines, such as electrical and mechanical, to ensure integrated and coordinated designs.

Participate in interdisciplinary meetings to address design challenges.

Site Inspections:
Assist in conducting site inspections to assess the condition of existing building systems. Report findings and assist in identifying necessary repairs or upgrades.

Quality Control:

Review technical drawings and documents for accuracy and completeness.

Participate in quality control processes to ensure that designs meet industry standards and project requirements.

Documentation:

Prepare and maintain engineering documentation, including drawings, specifications, and project reports.

Organize and manage project files and documentation.

Cost Estimation:

Support the estimation of project costs by providing input on material quantities and labor requirements. Assist in preparing cost estimates for building services projects.

Technical Research:

Conduct research on new technologies, materials, and methods relevant to building services engineering. Stay updated on industry best practices and emerging trends.

Client Interaction:

Assist in preparing and delivering presentations to clients.

Health and Safety Compliance:

Adhere to health and safety protocols during site visits and project work. Report any safety concerns and participate in safety training programs.

Training and Professional Development:

Participate in training programs to enhance technical skills and knowledge. Pursue professional development opportunities and certifications.

Problem Solving:

Assist in identifying and resolving technical issues that may arise during the design or construction phases of projects.

Collaborate with the engineering team to find effective solutions. **Team Collaboration:**

Work collaboratively with other members of the engineering team, project managers, and stakeholders. Seek guidance from senior engineers and contribute to team discussions