



CIBSE Heat Network Consultant

Competencies



Competencies

You must be able to:

1. Advise clients on the key benefits and risks associated with the use of heat networks
2. Advise clients on the design and operational implications involved with the use of heat networks
3. Comply with the CIBSE code of practice and sustainability policy
4. Comply with the requirements of the Heat Network Code of Practice register

You must know and understand:

- a. The principles of heat networks including the key risks and benefits and the main design and operational considerations
- b. The key components of district heating systems including heat generation plant, hot water distribution pipework and heat substations/heat interface units
- c. The design principles of hot water distribution systems within buildings
- d. How to calculate and assess building energy demands
- e. How to select and size heating plant including low carbon heating systems
- f. How to select and size hot water pipework
- g. How to select and design heating control and metering systems