



CIBSE Heat Network Consultant

Pre-requisites & Pre-course reading



This is a two-day course aimed at providing an understanding of the CIBSE Heat Networks Code of Practice (HNCoP) and how to apply it. Following the course there is the opportunity to take an exam which allows entry to the Heat Networks Consultant register.

This document sets out reading and preparation that is recommended in advance of joining the two-day training course.

You are strongly advised to undertake this preparation prior to attending the course. The suggested reading will be referred to and expanded upon during the training and you will therefore benefit from prior knowledge of these documents.

The suggested reading can either be downloaded from on the links provided or from the free downloads areas of the CIBSE website (www.cibse.org/membersservices/downloads), or if you are a member the CIBSE Knowledge Portal (www.cibseknowledgeportal.co.uk). You will need to log in or register to get access to these areas.

Suggested Reading

- AECOM (2015) Assessment of the Costs, Performance, and Characteristics of UK Heat Networks: Final report (DECC)
- BEIS (2018) 'Experimental statistics on heat networks' (London: Department for Business, Energy and Industrial Strategy)
- BRE (2015) 'Distribution loss factors for heat networks supplying dwellings in SAP' Consultation Paper – CONSP:04 Issue 1.0 (Garston: Building Research Establishment)
- BRE (2014) A Technical Guide to District Heating (Wiltshire, Williams and Woods, 2014)
- Bristol City Council (2018) Connecting to the Bristol Heat Network. Part 1: A guide for developers, building owners and architects and Part 2 – A technical guide for designers of building services (Bristol City Council)
- Crane M (2016) 'Individual apartment substation testing – development of a test and initial results' Proc. Conf. 15th International Symposium on District Heating and Cooling, Seoul, Republic of Korea, 4–7 September 2016.
- Crane M (2016) 'Energy efficient district heating: the importance of achieving low return temperatures' Proc. Conf. CIBSE Technical Symposium, Heriot-Watt University, 14–15 April 2016
- DECC (2013) The Future of Heating (London: Department for Energy and Climate Change)
- DECC (2018) Heat Networks Investment Project: Case Study Brochure (BEIS, 2018b).



- Dixon B (2018) New Metrics For Communal Heating Design [online] (London: Max Fordham LLP) (available at: <https://www.maxfordham.com/research-innovation/new-metrics-for-communal-heatingdesign/>) Euroheat & Power (2008) Guidelines for District Heating Substations (Brussels: Euroheat & Power)
- GLA (2014) District Heating Manual for London (GLA, 2014; update in progress) Islington Council (2015) Guidelines for Connecting to Heat Networks Part 1 – A guide for developers and building owners and Part 2 – A guide for building services designers (Islington Council)
- Frederiksen S. and Werner S. (2013) District Heating and Cooling (Lund, Studentlitteratur)
- Parsloe C (2018) Heat Networks Design Guide (Parsloe Consulting, 2018)
- Regen SW (Community-led Heat Projects: A toolkit for heat networks (Regen SW)
- SAV Systems (2016) Low Carbon System Design – A whole system approach '70°C flow / 40°C return' (Woking, SAV Systems Ltd)
- UKDEA (2015) A Guide to Developing District Energy Schemes in the UK (Cirencester: UK District Energy Association)
- Become a CIBSE Certification Heat Networks Consultant