



Ground/Air Source Heat Pumps 2 Day Course (Logic Certification)

Aim

This 2 day course is designed for engineers wishing to install and service ground and air source heat pumps. (To service these appliances individuals will need to hold a City and Guilds 2079 F Gas Regulations qualification).

Although there are no formal entry requirements for this course, candidates will need to have a good background knowledge and understanding of designing heating and hot water systems and associated controls.

Course Outline

On completion of the course, candidates will have covered;

- Regulations & standards
- Heat pump basic principles
- The refrigerant cycle
- Evaporation and condensing process
- Air source systems
- Ground source systems & brine circuits, basic design considerations of loop, slinky and borehole systems
- Emitter circuits, heating & domestic hot water
- Buffer tanks
- System design and integration
- External and internal surveying
- Filling & setting to work
- Servicing and fault finding

Day 1 - Training

Day 2 - Assessments including practical and multi-choice paperwork assessments

All training material will be provided at the beginning of the course

Centre for Renewable Energy Ltd
Tel: 0800 689 9129
info@cfre.co.uk

On completion

Once the course is completed, candidates are able to register on the micro-generation scheme to install and service ground and air source heat pumps. (Providing individuals hold the relevant electrical qualification)

Price per candidate

£385 + VAT plus £55 Certification fee