

HETAS H005DE Biomass Installation

Direct Entry Course

Price: £1,125 + VAT

Duration: 5 Days

Code: HDE-05-H

Who is this course for?

The HETAS H005DE course is aimed at renewable energy installers who wish to specify, install and maintain pellet, log and chip biomass systems in both domestic and commercial settings. The course focuses on appliances up to 45kW; however, the course content and principles are relevant for larger systems up to 100kW output.

What are the aims of this course?

The aim of this course is to develop the knowledge of existing plumbing/heating engineers in biomass installation enabling them to offer comprehensive heating solutions to clients. From system design and sizing through to commissioning, service and maintenance, the H005DE course covers a wide range of topics in relation to mechanically fed appliances. Successful candidates may choose to apply for accreditation under MCS.

What are the prerequisites?

The course is designed for experienced plumbing and heating engineers with at least one of the following qualifications:

- N/SVQ Level 2/3 in Plumbing or equivalent earlier certification that provides evidence of competence
- N/SVQ Level 2/3 in Heating and Ventilating (Domestic Installation) or equivalent earlier certification that provides evidence of competence
- N/SVQ Level 2/3 in Heating and Ventilating (Industrial and Commercial Installation) or equivalent earlier certification that provides evidence of competence
- N/SVQ Level 2/3 in Oil-Fired Technical Services or equivalent earlier certification that provides evidence of competence
- N/SVQ Level 2/3 in Gas Installation and Maintenance or equivalent earlier certification that provides evidence of competence

From HETAS H005DE you can progress to H006 or H008

This should include Water Regulations/Water Byelaws (WRAS or equivalent)

There is also an "Experienced Worker Route" portfolio which maybe suitable for candidates who do not meet the prerequisites above. Candidates should contact the training centre directly as the portfolio will need to be completed in advance of the course being undertaken. The following scope of work might be acceptable for the Experienced Worker portfolio:

- Previous related work experience within the plumbing and heating industry
- Already a competent person within a scheme possessing a history of installation experience
- Successful completion of an OFTEC training course 101,102 or 105e
- A valid current gas safe registration with minimum categories of work: CCN1 and CEN1
- City & Guilds 6128, 6129 and 6132 technical certificates

What subjects areas will this course cover?

The HETAS H005DE Biomass Installation course will cover the following topics and subject areas:

- Fuel types, selection and storage
- Principles of combustion
- Appliance types and operating principles
- Legislation, regulations and industry guidance
- Flue systems for solid fuel appliances
- Ventilation requirements
- Flue and chimney inspection and testing
- Biomass appliance selection
- System sizing
- Commissioning and decommissioning
- Services and maintenance
- Calculating the heat load and system performance

What assessments are involved?

The course will incorporate classroom based learning, practical assessments and multiple choice examinations.

What do I need for this course?

All training manuals, technical handbooks and certification fees are included in the course fee. For the candidate application and registration process you will need your National Insurance number and a passport sized photograph.

What status do I receive if I pass the course?

Following successful completion of the course, a training certificate will be awarded enabling the candidate to apply for registration with HETAS on the competent person scheme including the installation of biomass appliances.

Candidates may wish to apply for accreditation via the Microgeneration Certification Scheme (MCS).

