

# Training course fact sheet

An Introduction to house building  
1 day

## Brief outline / aims

To give delegates a good understanding of new home construction with a particular focus on construction methods and technologies. This includes the 'fabric first' approach to energy efficiency in new homes but also includes low and zero carbon technologies such as heat pump, solar photovoltaic and solar thermal installations.

## Suitability

Non - technical staff, particularly Customer Services and Sales staff, who may attend site but are not usually involved in site activities.

## Numbers

It is recommended that there is a **maximum of 16** delegates.

## Delegate pre-requisites

No direct pre-requisite required.

## Outline programme

- **Aims** - to give candidates sufficient understanding of the key elements of a new build and what issues may arise during the construction.
- **Objectives** - by the end of the course the delegates will:
  - Have an awareness of the house-building process through a review of the main build stages
  - Be introduced to the requirements and regulations for new homes with an emphasis on how they have changed in recent years
  - Have an understanding of Mechanical ventilation and heat recovery installations with low and zero carbon technologies.

## Course Content

- An overview of the home-building process
- Introduction to the requirements and regulations for new homes with an emphasis on how they have changed in recent years
- A look at the main build stages - foundations, substructure, drains, superstructure - walls, and roofs, roof coverings, first fix, second fix, finishes and external works - where appropriate with an emphasis on energy efficient construction methods and airtightness
- Mechanical ventilation and heat recovery installations
- A review of the more common low and zero carbon technologies.

## Timing

09:00 to 16:30 with two, 15 minute tea/coffee breaks and 30 minutes for lunch.

## Refreshments

(Timings shown are flexible and should be agreed with the trainer on the day)

- 08:30 Tea/coffee available on arrival
- 10:30 Tea/coffee, biscuits
- 12:30 Lunch
- 14:30 Tea/coffee, biscuits

## Training room

The course can be delivered in a main office or training room. Please ensure there is room for the trainer to set up.

## AV equipment

Projector, Projector screen (or blank wall) and flip chart.

## Any special access or room requirements

No.

## Site visit/site facilities required

No.

