

Training course fact sheet

Below Ground Structures and Basements 1 day

Brief outline / aims

How to achieve best practice in design and compliance with NHBC Standards and prevailing guidance including BS 8102:2009. This will include an outline of how water can build up in the soil and is likely to exert pressure (hydrostatic) on structures below ground and looking at the consequences of failure with detailed case studies, consider waterproofing design and how a holistic approach from design to installation is critical. It will also give an insight into below ground construction, waterproofing types and grades of finish including content on installation good practice.

Suitability

- Site Management Teams
- Contract/Production Managers

It is ideal for those who are starting to see these construction details in their projects as well as those working in the industry who wish to update/refresh their knowledge.

Numbers

It is recommended that there is a **maximum of 16** delegates, depending on classroom facilities, please contact the training team for further advice.

Delegate pre-requisites

None.

Outline programme

Aims & objectives:

- Learn the fundamentals of NHBC Standards Chapter 5.4 and associated industry guidance including BS8102:2009
- Establish what is meant by Waterproofing grades
- Have a working knowledge of NHBC Chapter 5.4 and BS8102:2009.

Course content

- Introduction to NHBC
- Water in the ground
- Consequences of failure
- Waterproofing design
- Building construction
- Type A (Barrier)
- Type B (Integral)
- Type C (Drained Cavity).

Timing

09:00 to 16:30 with two, 15 minute tea/coffee breaks and 45 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
- 12:45 Buffet lunch
- 15:00 Tea/coffee, biscuits

Training room

The set up for this course is best if the room can be in a 'U' shape with sufficient room for the delegates to spread the relevant forms and documentation in front of them.

AV equipment

Projector screen (or blank wall) and flip chart (the trainer will provide a data projector).

Any special access or room requirements

None.

Site visit/site facilities required

No.

