

AT023

Award in Basic Plumbing Techniques

Course Outline

The training course is intended to give the necessary knowledge, skills and competences to someone wishing to work in the building and construction sector. It is specifically focusing on basic plumbing knowledge and skills.

Individuals seeking to work in the Building and Construction sector either as part of a larger company with different skills specialisation or else in a small company or as a self-employed where multiple skills within the same sector might be necessary.

Course Outcomes

This course is about being able to use safe procedures and safe work practices applicable to pipe-work used for the transportation of non-hazardous fluids up to a pressure of 3 Bar. This course will ensure the necessary knowledge and skills to avoid health and safety risks to self and others, identify risks and hazards associated with the working environment, tools and equipment and materials and substances used.



This course will focus on the necessary preparations prior to work being conducted and to identify the different materials used for both installation and service and maintenance work. The aim is also to widen understanding and applying dimensions from drawings and calculating quantities in the preparation, costing and estimation. The learner will also be able to select and use hand tools in a correct and safe manner; position pipe runs and pipe work for domestic plumbing services; and fixing and connecting accessories for domestic water services.

Course Structure

Total of 50 hours

Various Course Structure options made up of:

- Theory, and Practical

Self-Study

A reading list will be provided through handouts during the duration of the course.

Selection from;

- Oral Examination (30 minutes),
- Practical Examination (60 minutes) and
- Multiple Choice Examination (90minutes).

Entry Requirements

School-leaving certificate or a minimum of 5 years work experience.

Learning Objectives

The learner will be able to:

- Outline the preventative and remedial actions to be taken in the case of exposure to toxic materials.
- Report any hazards which may present risk to relevant persons.
- Illustrate the correct procedure for setting out domestic pipe work systems.
- Explain how to use and maintain pipe threading equipment.

The learner will be able to:

- Acquire enough knowledge to identify instances where additional information would be necessary and liaise with supervisor accordingly;
- Acquire enough knowledge to look for information, directions and guidance in the use of materials and tools.



Certification

MQF Level 2 Accredited Certification by NCFHE

- No expiry date
- Refresher if there are changes in curriculum

Who May Apply

- Workers
- Self-employed

Further information

Contact our training co-ordinator Ms. Yelenia Saliba

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This course is valid for Jobplus Investing in Skills funds scheme 2020