

JOINTING CHAMBER CONSTRUCTION FOOTWAYS (BRICK AND CONCRETE)



ACCREDITATION

Upon successful achievement learners will be issued with a Smart Awards certificate valid for 3 years.

TYPE, LEVEL AND GRADING

Training and Assessment
Level 2
Pass

DURATION AND RATIO

1-day experience/refreshers. Trainer 1.10

PRE-REQUISITE

This qualification is available to anyone over the age of 18 who is capable of reaching the required standard. There are no barriers that restrict access or progression thereby promoting equal opportunity. It is expected however that learners will have a level of literacy adequate to cope with the assessment.

ENTRY REQUIREMENTS

There are no formal entry requirements and Smart Awards will not restrict access on the grounds of prior academic attainment, age, employment, geographic location or any other grounds. There are no barriers that restrict access or progression thereby promoting equal have a level of literacy adequate to cope with the examination.

SECTOR SUBJECT AREA (SSA)

5.2 Building and Construction

AGE RANGE

18yrs plus

SAFE PRACTICE

It is the responsibility of the centre in consultation with the assessor to ensure that risk assessments have been carried out. During this training you must take account of the relevant worksite operational requirements, procedures and safe working practices.

INTRODUCTION

This qualification is for those involved in is for constructing jointing chamber construction on footways (brick and concrete) including how to comply with health and safety legislation. The target audience is aimed at those working in the telecoms and utility sectors including suppliers and contractors.

Learning Outcomes

- Know the processes, regulations and legislations associated with working safely in jointing chamber construction
- Know the procedures, tools, equipment and materials for constructing jointing chamber construction for footways (Brick and Concrete)
- Be able to carry out construction of jointing chamber construction for footways (Brick and Concrete)

Structure

Learners must achieve one mandatory unit to pass.

Purpose

Prepare for further learning or training and/or develop knowledge and/or skills in a subject area.

Behaviours

- Logical and creative thinking skills
- Analytical and problem-solving skills
- Ability to work independently and as part of a team
- Can use own initiative
- A thorough and organised approach to work
- Ability to work with a range of internal and external people
- Ability to communicate effectively orally and in writing in a variety of situations and at all levels with colleagues and customers
- Maintain productive, professional and secure working environment
- Listen actively, ask questions, clarify points and restate or rephrase statements to check mutual understanding
- Act within the limits of your authority
- Refer issues outside the limits of your authority to appropriate people
- Show integrity, fairness and consistency in decision-making
- Take personal responsibility for making things happen
- Protect your own and others' work against negative impacts
- Model behaviour that shows, and inspires others to show, respect, helpfulness and cooperation.

EXPECTATIONS AT LEVEL 2

Summary

Achievement at level 2 reflects ability to select and use relevant knowledge, ideas, skills and procedures to complete well-defined tasks and address straightforward problems. It includes taking responsibility for completing tasks and procedures and exercising autonomy and judgement subject to overall direction or guidance.

Knowledge and Understanding

- Use understanding of facts, procedures and ideas to complete well-defined tasks and address straightforward problems.
- Interpret relevant information and ideas.
- Be aware of the types of information that are relevant to the area of study or work.
- Demonstrate and/or work with knowledge and understanding of basic processes, materials and terminology.

Application and Action

- Complete well-defined, generally routine tasks and address straightforward problems.
- Select and use relevant skills and procedures
- Select appropriate tools and materials and use safely and effectively (for example without waste)
- Adjust tools where necessary following safe practices
- Plan and organise both familiar and new tasks
- Identify, gather and use relevant information to inform actions
- Identify how effective actions have been

Autonomy and Accountability

- Take responsibility for completing tasks and procedures
- Exercise autonomy and judgement subject to overall direction or guidance
- Show an awareness of others' roles, responsibilities and requirements in carrying out work

ASSESSMENT

Practical assessment

Multiple choice questions

Assessment Criteria

- Demonstrate how to prepare and use correct tools and equipment.
- Carry out risk assessment and the control measures necessary for the works.
- Monitor site safety and security and respond to any unsafe situations.
- Locate and identify underground network plant including able to read utility prints.
- Follow the HAUC recommended depths of underground utilities network plant and the colour coding
- Identify over ground signage and marker posts
- Interpret plans and drawings (Job Packs) and following instructions.
- Follow company procedure for identification and application of safe procedure for handling hazardous and non-hazardous materials
- Identify and adhere to processes when handling materials subject to COSH regulations
- Follow organisations procedures for handling new, used and contaminated materials.
- Carry out safe dig processes.
- Identify marking and carry out pilot hole to identify and locate network plant infrastructure.
- Mark box position
- Excavate to the required size.
- Construct a base in line with the jointing chamber being constructed.
- Correctly mix concrete and mortar to specification and its testing process.
- Demonstrate the correct use of bricks when constructing a chamber.
- Carry out correct form duct entries.
- Follow company processes to identify and expose the network plant.
- Demonstrate how to correctly install the chamber reinstate including reinstatement
- Fit Chamber furniture, frame and cover correctly.
- Clean the box and record the necessary data and records
- Leave site secured, sign and guarded to the NRSWA requirements for the next activity, repair of Network, to take place.
- Clear the site and report the site status
- Record and store information to organisational requirements.