

SUMMES11 (SQA Unit Code - F9HE 04)

Install weathering systems



Overview

This is about installing sheet weathering systems and components.

It covers practical skills required by the different materials and systems and measuring work situations for the installation of sheet leadwork to common weathering situations. This unit is applicable to chimneys, abutments (where a roof surface meets a vertical wall), and to roof penetrations where a soil pipe or other pipe passes through a wall.

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Performance criteria

You must be able to:

- P1 confirm that the materials, tools and equipment required for the installation processes are fit for their intended purpose
- P2 fabricate system components using work methods that conform to industry requirements
- P3 position system components to conform to the system design requirement
- P4 fix system components using methods that conform to industry requirements
- P5 connect system components to systems and input services using methods that meet industry requirements
- P6 carry out the installation processes minimising damage to customer property and building features
- P7 report to the immediate job supervisor, line manager, or customer, circumstances that affect the progress of the installation.
- P8 confirm the integrity of the installed system using soundness testing procedures
- P9 take precautionary actions to prevent the unauthorised use of uncommissioned systems and components

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Knowledge and understanding

You need to know and understand:

- K1 how to measure and record installation and site details for prefabrication purposes
- K2 the industry practices and work standards for fabricating and installing system components
- K3 the positioning and fixing requirements for system components to conform to the system design and intended functions
- K4 the procedures required for connecting to input services or connecting pipework into existing systems
- K5 methods of working which protect the building décor, customer property and existing systems or components
- K6 job management structures and methods of reporting and recording job progress or problems delaying progress
- K7 the care and maintenance requirements of tools and equipment, and checks for safe condition
- K8 the range of tests used to confirm the soundness of systems and components and how to use the range of soundness test equipment

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