



Course Title: Rubble Wall Building and Repair

Duration: 2 days

Course Description:

This practical two-day course will equip you to set out, construct and finish a traditional rubble wall using a variety of building stones and traditional lime mortars.

This course covers the importance of laying the stones correctly and the use of pinning stones will be emphasised so that no more than 30% of the volume of the wall is mortar!

The content of this workshop provides part of the underpinning knowledge required for assessment of National Unit H8 WV 46 'Consolidation and Repair of Masonry Structures'.

Course suitability

- This practical course is aimed at masonry contractors and those undertaking repair works to traditional masonry structures.
- You should be reasonably fit and able to lift 25kg safely.

We are always happy to help learners choose the right course. Please click [here](#) to contact us or telephone 01383 872722 if you would like to discuss which course is suitable for you or your employees.

Learning Outcomes

- Understanding the construction of mass walls
- Understanding traditional building technology
- Understanding the importance of laying masonry units correctly with pinning stones to effect sound and weatherproof wall construction
- Understanding the range of binders, sands and aggregates for making traditional mortars including 'hot' lime mortars
- Ability to undertake accurate mixing of mortars for repeatability and cost-effective work
- Understanding the setting characteristics of lime mortars

Course Outline:

- Health and Safety
- Tools and equipment
- Recognising vernacular traditions
- Creating suitable mortars
- The importance of pinning
- Rubble masonry building
- Rubble masonry repair