Overview

This standard is about

1. interpreting information
2. adopting safe and healthy working practices
3. selecting materials, components and equipment
4. repairing and maintaining existing brick and/or block and/or structures of local materials and styles
Performance criteria

You must be able to:

P1 interpret the given information relating to the work and resources to confirm its relevance

P2 comply with the given, relevant legislation and official guidance to carry out your work and maintain safe and healthy work practices

P3 select the required quantity and quality of resources for the methods of work

P4 comply with organisational procedures to minimise the risk of damage to the work and surrounding area

P5 comply with the given contract information to carry out the work efficiently to the required specification

P6 complete the work within the allocated time, in accordance with the programme of work
Knowledge and understanding

**Performance Criteria 1**

**Interpretation of information**

- **K1** the organisational procedures developed to report and rectify inappropriate information and unsuitable resources, and how they are implemented
- **K2** the types of information, their source and how they are interpreted
- **K3** the organisational procedures to solve problems with the information and why it is important they are followed

**Performance Criteria 2**

**Safe work practices**

- **K4** the level of understanding operatives must have of information for relevant, current legislation and official guidance and how it is applied
- **K5** how emergencies should be responded to and who should respond
- **K6** the organisational security procedures for tools, equipment and personal belongings
- **K7** what the accident reporting procedures are and who is responsible for making the report
- **K8** why, when and how health and safety control equipment should be used

**Performance Criteria 3**

**Selection of resources**

- **K9** the characteristics, quality, uses, sustainability, limitations and defects associated with the resources and how defects should be rectified
- **K10** how the resources should be used and how any problems associated with the resources are reported
- **K11** the organisational procedures to select resources, why they have been developed and how they are used
- **K12** the hazards associated with the resources and methods of work and how they are overcome
Performance Criteria 4
Minimise the risk of damage

You need to know and understand:
K13 how to protect work from damage and the purpose of protection
K14 why disposal of waste should be carried out safely and how it is achieved

Performance Criteria 5
Meet the contract specification

You need to know and understand:
K15 how methods of work, to meet the specification, are carried out and problems reported
K16 how maintenance of tools and equipment is carried out

Performance Criteria 6
Allocated time

You need to know and understand:
K17 what the programme is for the work to be carried out in the estimated, allocated time and why deadlines should be kept
Additional Information

Performance Criteria 1
1 interpretation of drawings, specifications, schedules, method statements, risk assessments and manufacturers' information related to the work to be carried out

Performance Criteria 2
2 avoidance of risk by complying with the given information relating to the following
   2.1 methods of work
   2.2 safe use of health and safety control equipment
   2.3 safe use of access equipment
   2.4 safe use and storage of materials, tools and equipment
   2.5 specific risks to health

Performance Criteria 3
3 selection of resources associated with own work
   3.1 materials, components and fixings
   3.2 tools and equipment

Performance Criteria 4
4 protection of the work and its surrounding area from damage
5 minimise damage and maintain a clean work space
6 disposal of waste in accordance with legislation

Performance Criteria 5
7 demonstration of work skills to measure, mark out, remove, lay, position and secure
8 use and maintain hand tools, portable power tools and ancillary equipment
9 repair and maintain existing brick and/or block masonry and/or local style structures to given working instructions for at least three of the following
   9.1 match existing materials
   9.2 continue existing bonding
   9.3 match existing quality of structure
   9.4 form openings
   9.5 prop existing walls and floors
   9.6 form internal and external angles

Performance Criteria 6
10 completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client
Disposal of waste
1. environmental responsibilities, organisational procedures, manufacturers’ information, statutory regulations and official guidance

Emergencies
2. operative’s response to situations in accordance with organisational authorisation and personal skills when involved with
   2.1 fires, spillages, injuries
   2.2 emergencies relating to occupational activities

Hazards
3. those identified by risk assessment, method of work, manufacturers’ technical information, statutory regulations and official guidance

Health and safety control equipment
4. identified by the principles of protection for occupational use, types and purpose of each type, work situations and general work environment
   4.1 collective protective measures
   4.2 personal protective equipment (PPE)
   4.3 respiratory protective equipment (RPE)
   4.4 local exhaust ventilation (LEV)

Information
5. drawings, specifications, schedules, method statements, risk assessments, manufacturers’ information and regulations governing buildings

Legislation and official guidance
6. this relates to the operative’s responsibilities regarding potential accidents and health hazards whilst working in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting

Maintenance
7. operative care of hand tools and/or portable power tools and ancillary equipment
COSVR50 - SQA Unit Code DY9V 04
Repair and maintain masonry structures

Methods of work

8 application of knowledge for safe and healthy work practices, procedures and skills relating to the method/area of work and materials used to:

8.1 repair and maintain existing masonry structures in brick, traditional and thin joint blocks or local materials and styles
8.2 form joint finishes
8.3 form openings
8.4 prop existing walls and floors
8.5 form internal and external angles
8.6 dress surfaces
8.7 form finishes
8.8 mortar mix ratios (volume, gauge boxes and colour)
8.9 work with plant and machinery
8.10 use hand tools, power tools and equipment
8.11 work at height
8.12 use access equipment

9 team work and communication

10 needs of other occupations associated with repairing and maintaining masonry structures

Problems

11 those arising from information, resources and methods of work

11.1 own authority to rectify
11.2 organisational reporting procedures

Programme

12 types of progress charts, timetables and estimated times
13 organisational procedures for reporting circumstances which will affect the work programme

Protect work

14 protect work against damage from general workplace activities, other occupations and adverse weather conditions
Resources
15 materials, components and equipment relating to types, quantity, quality, sizes and the sustainability of standard and/or specialist:
   15.1 bricks, blocks, natural stones, mortars, sand, lime, additives, frames, insulation, damp-proof barriers, lintels, fixings and ties
   15.2 hand and/or powered tools and equipment
16 methods of calculating quantity, length, area and wastage associated with the method/procedure to repair and maintain masonry structures
Security procedures
17 site, workplace, company and operative
Repair and maintain masonry structures

Developed by: ConstructionSkills

Version number: 2

Date approved: January 2012

Indicative review date: January 2017

Validity: Current

Status: Original

Originating organisation: ConstructionSkills

Original URN: VR50

Relevant occupations: Bricklayers and Masons

Suite: Trowel Occupations (Construction); Accessing Operations and Rigging (Construction); Building Maintenance Multi-trade Repair and Refurbishment Operations

Key words: Brickwork; Blockwork; Bonding; Local style; Mortar