Overview

This standard is about

1. interpreting information
2. adopting safe and healthy working practices
3. selecting materials, components and equipment
4. preparing and erecting brickwork and blockwork 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

You need to know and understand:

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
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You need to know and understand:

Performance Criteria 4
Minimise the risk of damage
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
K15 how **methods of work** are carried out and **problems** reported
K16 how **maintenance** of tools and equipment is carried out

Performance Criteria 6
Allocated time
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

Scope/range related to performance criteria

**Performance Criteria 1**
1. interpretation of drawings, specifications, schedules, risk assessments, method statements 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, lay, position and secure
8. use and maintain hand tools, portable power tools and ancillary equipment
9. erect masonry in brick and block and/or local materials to given working instructions for the following
   9.1 cavity wall structures
   9.2 blockwork structures
   9.3 solid wall structures
   9.4 door and window openings
   9.5 joint finishes

**Performance Criteria 6**
10. completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client
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Scope/range related to knowledge and understanding

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, risk assessments, method statements, 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
Erect 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 erect cavity walling and solid walling using brick and block and local materials
8.2 erect walling of local style
8.3 lay blocks (traditional and thin joint)
8.4 determine brick and block bonds
8.5 form joint finishes
8.6 form openings for doors and windows
8.7 prop and support structures
8.8 complete and remove temporary works
8.9 position insulation materials
8.10 position damp-proof barriers, cavity trays and weep holes
8.11 position wall ties
8.12 mix mortar
8.13 use hand tools, power tools and equipment
8.14 work with plant and machinery
8.15 work at height
8.16 use access equipment

9 team work and communication

10 needs of other occupations associated with erecting 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
Erect masonry structures

Resources
15 materials, components and equipment relating to types, quantity, quality, sizes and the sustainability of standard and/or specialist:
15.1 bricks, blocks, mortars, frames, insulation, damp-proof barriers, lintels, fixings, 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 erect masonry structures

Security procedures
17 site, workplace, company and operative
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<th>ConstructionSkills</th>
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