Overview

This standard is about
1 interpreting information
2 adopting safe and healthy working practices
3 selecting materials, components and equipment
4 preparing and carrying out the erection of carcassing components for roofs and floors
Erect structural carcassing components

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 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 the types of fire extinguishers and how and when they are used
K6 how emergencies should be responded to and who should respond
K7 the organisational security procedures for tools, equipment and personal belongings
K8 what the accident reporting procedures are and who is responsible for making the report
K9 why, when and how health and safety control equipment should be used

Performance Criteria 3
Selection of resources

K10 the characteristics, quality, uses, sustainability, limitations and defects associated with the resources and how defects should be rectified
K11 how the resources should be used and how any problems associated with the resources are reported
K12 the organisational procedures to select resources, why they have been developed and how they are used
K13 the hazards associated with the resources and methods of work and how they are overcome

Performance Criteria 4
Minimise the risk of damage

K14 how to protect work from damage and the purpose of protection
K15 why disposal of waste should be carried out safely and how it is achieved
You need to know and understand:

**Performance Criteria 5**
Meet the contract specification
K16 how methods of work, to meet the specification, are carried out and problems reported
K17 how maintenance of tools and equipment is carried out

**Performance Criteria 6**
Allocated time
K18 what the programme is for the work to be carried out in the estimated, allocated time and why deadlines should be kept
COSVR11 - SQA Unit Code DY13 04
Erect structural carcassing components

Additional Information

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<tr>
<th>Scope/range related to performance criteria</th>
<th>Performance Criteria 1</th>
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<tr>
<td>1</td>
<td>interpretation of drawings, specifications, schedules, method statements, risk assessments and manufacturers’ information related to the work to be carried out</td>
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Performance Criteria 2

2 avoidance of risk by following 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/working platforms
   2.4 safe use, storage and handling of materials
   2.5 safe use and storage of tools and equipment

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, fit, finish, position and secure
8 use and maintain hand tools, portable power tools and ancillary equipment
9 erection of at least one of the following to given working instructions
   9.1 inclined roofs with gables
   9.2 roof verge and eaves finishings
   9.3 joists (ground, upper or flat roof), including coverings (flat roofs, decks or floors

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

Fire extinguishers
3 water, CO₂, foam, powder and their uses

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

Health and safety control equipment
5 identified by the principles of protection for occupational use, types and purpose of each type, work situations and general work environment
   5.1 collective protective measures
   5.2 personal protective equipment (PPE)
   5.3 respiratory protective equipment (RPE)
   5.4 local exhaust ventilation (LEV)

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

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

Maintenance
8 sharpening of hand tools and operative care of portable power tools and ancillary equipment
Methods of work
9 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
9.1 prepare and fix gable roof trussed rafters, cut roofs, ground, upper and flat roof joists
9.2 cut, fit and fix coverings and finishings in timber and plastic (flat roofs, verges and eaves, floors, decks)
9.3 form joints associated with carcassing
9.4 use hand tools, power tools and equipment
9.5 work at height
9.6 use access equipment
10 team work and communication
11 needs of other occupations associated with erecting structural carcassing components

Problems
12 those arising from information, resources and methods of work
12.1 own authority to rectify
12.2 organisational reporting procedures

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

Protect work
15 protect work against damage from general workplace activities, other occupations and adverse weather conditions

Resources
16 materials, components and equipment relating to types, quantity, quality, sizes and sustainability of standard and/or specialist
16.1 timber, manufactured sheet material, plastic mouldings, metals, trussed rafters, adhesives, sealants, fixings and associated ancillary items
16.2 hand and/or powered tools and equipment
17 methods of calculating quantity, length, area and wastage associated with the method/procedure to erect structural carcassing components

Security procedures
18 site, workplace, company and operative
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Erect structural carcassing components

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<th>ConstructionSkills</th>
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