
Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing, positioning, securing and removing specialist access equipment (ladders, tower scaffolds and suspended platforms)

COSVR254 - SQA Unit Code DY0A 04

Erect and remove specialist access equipment

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

You need to know and understand:

- 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 **personal protective equipment (PPE)** should be used

Performance Criteria 3

Selection of resources

You need to know and understand:

- 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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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

Scope/range related to performance criteria

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 personal protective equipment (PPE)
 - 2.3 safe use of access equipment
 - 2.4 safe use and storage of materials, tools and equipment

Performance Criteria 3

- 3 selection of resources associated with own work
 - 3.1 materials, components, fixings/anchors and ties
 - 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 current legislation

Performance Criteria 5

- 7 demonstration of work skills to measure, set out, position, assemble, fix, check, secure, dismantle and remove
- 8 use and maintain hand tools and ancillary equipment
- 9 erect and remove specialist equipment for accessing to given working instructions for at least one of the following occupational areas and its access equipment
 - 9.1 steeplejacking: vertical ladders and roof ladders
 - 9.2 lightning conductor engineering: roof ladders, tower scaffolds and crawler boards
 - 9.3 rigging – suspended access equipment: suspended platforms
 - 9.4 rigging – structures used in entertainment: vertical ladders, rope ladders and crawler boards

Performance Criteria 6

- 10 completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client

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

Information

- 4 drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, regulations and official guidance associated with accessing work

Legislation and official guidance

- 5 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

- 6 operative care of hand tools and ancillary equipment

Methods of work

- 7 application of knowledge for safe and healthy work practices, procedures and skills relating to the method/area of work and materials used to:
 - 7.1 identify the occupational environment
 - 7.2 confirm the type of access equipment (vertical ladders, roof ladders, crawler boards, rope ladders, cradles, bosun's seats, metal sections and suspended platforms)
 - 7.3 check and prepare to erect specialist access equipment
 - 7.4 position, erect and secure the equipment
 - 7.5 dismantle and remove the equipment
 - 7.6 install and test anchors and ties
 - 7.7 identify the inspection criteria for completed specialist access equipment
 - 7.8 visually inspect fall protection equipment
 - 7.9 use hand tools and ancillary equipment
 - 7.10 work at height
 - 7.11 use access equipment
- 8 team work and communication
- 9 needs of other occupations associated with erecting and removing specialised access equipment

Personal protective equipment (PPE)

- 10 occupational use, types, purpose of each type and work situations

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 vertical ladders

15.2 roof ladders

15.3 crawler boards

15.4 rope ladders

15.5 cradles

15.6 bosun's seats

15.7 decking frames

15.8 associated securing materials (rope, lashings, clamps, anchors, ties)

15.9 hand tools and ancillary equipment

16 methods of calculating quantity and length associated with the method/procedure to erect and remove specialist access equipment

Security procedures

17 site, workplace, company and operative

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Erect and remove specialist access equipment

Developed by	ConstructionSkills
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Originating organisation	ConstructionSkills
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Relevant occupations	Scaffolders, Stagers and Riggers
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Suite	Accessing Operations and Rigging (Construction)
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