COSVR250 - SQA Unit Code DY04 04
Erect and dismantle access/working platforms

Overview

This standard is about

1 interpreting information

2 adopting safe and healthy working practices

3 selecting materials, components and equipment

4 erecting and dismantling access equipment suitable for the work operations

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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

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Knowledge and understanding

Performance Criteria 1

Interpretation of information

You need to know and understand:

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

	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

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Additional Information

Scope/range related to performance criteria

Performance Criteria 1

1 interpretation of method statements, risk assessments, specifications 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 and components
- 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

Performance Criteria 5

6 demonstration of work skills to move, position/erect, secure, check, dismantle and remove

7 use and maintain hand tools and ancillary equipment

8 erect, dismantle and store at least two of the following access equipment to given access regulations

- 8.1 ladders/crawler boards
- 8.2 stepladders/platform steps
- 8.3 proprietary towers
- 8.4 trestle platforms
- 8.5 mobile scaffold towers
- 8.6 proprietary staging/podiums

Performance Criteria 6

9 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

Emergencies

1 operative's response to situations in accordance with organisational authorisation and personal skills when involved with
   - 1.1 fires, spillages, injuries
   - 1.2 emergencies relating to occupational activities

Hazards

2 those identified by risk assessment, method of work, manufacturers' technical information, statutory regulations and official guidance

Information

3 specifications, method statements, risk assessments, current legislation and manufacturers' information

Legislation and official guidance

4 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

5 operative care of hand tools and ancillary equipment

Methods of work

6 application of knowledge for safe work practices, procedures and skills relating to the method/area of work and materials used to:
   - 6.1 provide protection to the work area
   - 6.2 establish a base for equipment
   - 6.3 erect proprietary access equipment to manufacturer's instructions suitable for the work
   - 6.4 erect non-proprietary access equipment suitable for the work
   - 6.5 place protective screens and notices
   - 6.6 check/monitor equipment during the period of use
   - 6.7 dismantle and store access equipment
   - 6.8 use tools and equipment
   - 6.9 work at height
   - 6.10 use access equipment

7 team work and communication

8 needs of other occupations associated with erecting and dismantling access/working platforms

Personal protective equipment (PPE)

9 occupational use, types, purpose of each type and work situations

Problems

10 those arising from information, resources and methods of work

- 10.1 own authority to rectify
- 10.2 organisational reporting procedures

Programme

11 types of progress charts, timetables and estimated times

12 organisational procedures for reporting circumstances which will affect the work programme

Protect work

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

Resources

14 materials, components and equipment relating to types, quantity, quality, sizes and the sustainability of standard and/or specialist:

- 14.1 ladders/crawler boards
- 14.2 stepladders/platform steps
- 14.3 trestles
- 14.4 proprietary staging/podiums
- 14.5 proprietary towers
- 14.6 mobile scaffold towers
- 14.7 protection equipment and notices
- 14.8 tools and ancillary equipment

15 methods of calculating quantity of equipment required for the method/procedure to erect and dismantle access/working platforms

Security procedures

16 site, workplace, company and operative

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Suite	Accessing Operations and Rigging (Construction); Associated Industrial Services (Construction); Chimney Engineering (Construction); Construction Operations and Civil Engineering Services; Decorative Finishing and Industrial Painting Occupations (Construction); Demolition; Industrial Building Systems (Construction); Innovative/Modern Methods of Construction; Insulation and Building Treatments (Construction); Maintenance Operations (Construction); Removal of Hazardous and Non-hazardous Waste (Construction); Roofing Occupations (Construction); Site Logistics (Construction); Specialist Concrete Occupations (Construction); Specialist Installation Occupations (Construction); Super-structure Work Occupations (Construction); Thermal Insulation (Construction); Fencing; Treework; Building Maintenance Multi-trade Repair and Refurbishment Operations
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