

Overview

This standard is about dismantling and/or demolishing timber, timber-framed structures and roof components using demolition tools and equipment, interpreting information, adopting safe, healthy and environmentally responsible work practices, maintaining established exclusion zones, selecting and using materials, components, tools and equipment

This standard is for people working in the occupational area of demolition and can be used by operatives, supervisors and managers

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

Dismantle and/or demolish timber structures

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 K10 how to comply with environmentally responsible work practices to meet current **legislation and official guidance**

Performance Criteria 3 **Selection of resources** K11 the characteristics, quality, uses, sustainability, limitations and defects associated with the **resources** and how defects should be rectified K12 how the **resources** should be used and how any **problems** associated with the **resources** are reported K13 the organisational procedures to select **resources**, why they have been developed and how they are used K14 the **hazards** associated with the **resources** and **methods of work** and how they are overcome

Performance Criteria 4 **Minimise the risk of damage** K15 how to **protect work** from damage and the purpose of protection K16 why **disposal of waste** should be carried out safely and how it is achieved

Performance Criteria 5 **Meet the contract specification** K17 how **methods of work**, to meet the specification, are carried out and **problems** reported K18 how **maintenance** of tools and equipment is carried out

Performance Criteria 6 **Allocated time** K19 what the **programme** is for the work to be carried out in the estimated, allocated time and why deadlines should be kept

Scope/range related to performance criteria

Performance Criteria 1

1 interpretation of drawings, specifications, schedules, method statements, risk assessments, permits to work, manufacturers' information and organisational requirements 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, segregation, storage and handling 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 and components

3.2 demolition tools, equipment and consumables

3.3 waste and/or recycling containers

Performance Criteria 4

4 protection of the work and its surrounding area from damage

5 maintain a clear and tidy work space

6 disposal of waste in accordance with current legislation

Performance Criteria 5

Dismantle and/or demolish timber structures

- 7 demonstration of work skills to release, handle, lower, segregate and load
- 8 use and maintain demolition tools, equipment and consumables
- 9 maintain established exclusion zones, dismantle and/or demolish, remove and segregate timber, timber-framed structures and components for disposal and/or recycling and/or recovery to given working instructions

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 (arisings and debris)

1 environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance relating to segregation and recycling procedures

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, methods of work, manufacturers' technical information, statutory regulations and official guidance

Health and safety control equipment

5 identified by the principles of prevention 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, site

Dismantle and/or demolish timber structures

inductions, tool box talks, manufacturers' information, electronic data, official guidance and current regulations associated with dismantling and demolishing timber structures

Legislation and official guidance

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

Maintenance

8 operative checks and care of demolition tools, equipment and consumables

Methods of work

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

9.1 erect barriers and warning notices

9.2 maintain established exclusion zones and designated areas

9.3 dismantle and demolish timber, timber-framed structures and components

9.4 remove and segregate components and materials for recycling, recovery and disposal

9.5 store and protect removed materials and components

9.6 provide information for Building Information Modelling (BIM)

9.7 recognise and determine when specialist skills and knowledge are required and report accordingly

9.8 determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance

9.9 work with, around and in close proximity to plant and machinery

9.10 direct and guide the operations and movement of plant and machinery

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9.11 use demolition tools, equipment and consumables

9.12 work at height

9.13 use access equipment

10 how to ensure effective team work and communication

11 needs of other occupations associated with dismantling and demolishing timber structures

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 productivity targets and time scales

14 how times are estimated

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

Protect work

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

Resources

17 materials, components, tools and equipment relating to types, quantity, quality, sizes and the sustainability of standard and specialist

17.1 demolition tools, equipment and consumables

17.2 waste and recycling containers

Dismantle and/or demolish timber structures

- 18 confirm resources and materials conform with the specification
- 19 methods of calculating quantity, length, area and wastage associated with the method and procedure to dismantle and demolish timber structures

Security procedures

- 20 project, site, workplace, company and operative, vehicles, tools and plant

Dismantle and/or demolish timber structures

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