

COSVR400 - SQA Unit Code DY6K 04

Operate specialised powered tools and equipment



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting and preparing specialised powered tools and/or ancillary equipment
- 4 operating specialised powered tools and equipment

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Performance criteria

- You must be able to:*
- P1 interpret the given operating information relating to the use of plant or machinery and confirm its relevance
 - P2 comply with the relevant, current legislation, special legal status documents, official guidance and organisational procedures to maintain safe work practices
 - P3 request resources to sustain plant or machinery operations to complete the programme of work
 - P4 comply with organisational procedures to minimise the risk of damage to the work and surrounding area
 - P5 carry out pre-use preparation inspections on powered tools and/or equipment in accordance with given procedures
 - P6 operate powered tools and/or equipment in accordance with safe working practices to achieve the work outcome

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Knowledge and understanding

You need to know and understand:

Performance Criteria 1

Interpretation of information

- K1 the operating **information** and legislation appropriate to the powered tools and/or equipment
- K2 the organisational procedures developed to report and rectify inappropriate **information** and unsuitable **resources**, and how they are implemented
- K3 the types of **information**, their source and how they are interpreted
- K4 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:

- K5 the level of understanding operatives must have of **information** for relevant, current **legislation and official guidance** and how it is applied
- K6 the types of **fire extinguishers** and how and when they are used
- K7 how **emergencies** should be responded to and who should respond
- K8 the organisational **security procedures** for plant and/or machinery, tools, equipment and personal belongings
- K9 what the accident reporting procedures are and who is responsible for making the report
- K10 why and when **personal protective equipment (PPE)** should be used

Performance Criteria 3

Request resources

You need to know and understand:

- K11 the organisational procedures for requisitioning consumables and other **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

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You need to know and understand:

Performance Criteria 5

Pre-use preparation

- K15 the **methods of work** for pre-use checks needed before operating powered tools and/or equipment
- K16 the **method of work** preparation required before using powered tools and/or equipment

You need to know and understand:

Performance Criteria 6

Use tools and equipment

- K17 how **methods of work** are carried out and **problems** reported

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Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of drawings, specifications, risk assessments, method statements, legislation, Codes of Practice, operating instructions and manufacturers' information related to the work to be carried out

Performance Criteria 2

- 2 avoid hazards by following given safety information, including the use of personal protective equipment (PPE) to carry out the activity in accordance with legislation, Approved Codes of Practice and/or organisational requirements
- 3 safe use and security of powered tools and equipment
- 4 safe use of fire extinguishers, as appropriate to the fire

Performance Criteria 3

- 5 request resources to sustain powered tools and/or equipment associated with own work:
 - 5.1 fuel/power source
 - 5.2 lubricants
 - 5.3 consumables

Performance Criteria 4

- 6 protection of the work and its surrounding area from damage
- 7 minimise damage and maintain a clean work space
- 8 disposal of waste in accordance with legislation

Performance Criteria 5

- 9 demonstration of work skills to measure, align, assemble, fit, level, position, check, secure, connect and adjust
- 10 use and maintain power units, tools and ancillary equipment
- 11 prepare the power unit tool(s) and/or ancillary equipment to given working instructions

Performance Criteria 6

- 12 demonstration of work skills to start, stop, replenish, control and clean
- 13 use and maintain power units, tools and ancillary equipment
- 14 operate and monitor power unit and associated equipment to given working instructions, relating to
 - 14.1 continual running
 - 14.2 closing down
 - 14.3 cleaning
- 15 return powered tools and equipment to a safe operational condition on completion of work
- 16 disassemble power unit, tools and ancillary equipment

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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

Fire extinguishers

- 3 water, CO₂, foam, powder and their uses

Hazards

- 4 those identified by method of work, risk/COSHH assessments, manufacturers' technical information statutory regulations and official guidance

Information

- 5 drawings, specifications, risk assessments, method statements, legislation, Codes of Practice, manufacturers' information and operating instructions

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

Methods of work

- 7 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 7.1 prepare, position and set up for work
 - 7.2 secure accessories and tool attachments
 - 7.3 carry out pre-use checks to manufacturers' and suppliers' information/procedures
 - 7.4 operate, use and control
 - 7.5 monitor and maintain
 - 7.6 close down and secure
 - 7.7 disassemble
 - 7.8 transport and/or store
- 8 team work and communication
- 9 needs of other occupations associated with operating power units, tools and/or equipment

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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

Protect work

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

Resources

13 materials, components and equipment relating to types, quantity, quality and sizes of standard and/or specialist

13.1 power source/fuels

13.2 consumables, lubricants

Security procedures

14 site, workplace, company and operative

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