

COSVR13 - SQA Unit Code F00V 04

Set up and use circular saws



Overview

This standard is about

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 setting up fixed and/or transportable machinery and sawing to size timber and timber-based sheet material and/or non-ferrous metal

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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 carry out pre-start preparation inspections on power tools and equipment in accordance with approved procedures
- P3 carry out operations using power tools and equipment in accordance with safe working practices to achieve the work outcome
- P4 identify problems associated with power tools and equipment which need to be referred to authorised personnel

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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

Pre-start preparation

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 what the accident reporting procedures are and who is responsible for making the report

Performance Criteria 3

Use of tools and equipment

You need to know and understand:

- K6 how **methods of operation**, to meet the required outcomes, are carried out and **problems** reported
- K7 why and when **personal protective equipment (PPE)** should be used
- K8 why **disposal of waste** should be carried out safely and how it is achieved
- K9 the **hazards** associated with the **resources** and **methods of operations** and how they are overcome

Performance Criteria 4

Identify problems

You need to know and understand:

- K10 how the **resources** should be used and how any **problems** associated with the **resources** are reported
- K11 how to **maintenance** of tools and equipment is carried out

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Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of drawings, specifications, schedules, cutting lists, operating instructions and manufacturers' information related to the work to be carried out

Performance Criteria 2

- 2 checks carried out in accordance with legislation, official guidance and/or organisational requirements

Performance Criteria 3

- 3 demonstration of work skills to measure, mark out, fit, finish, position and secure
- 4 use and maintain hand tools, safety aids and ancillary equipment
- 5 use fixed or transportable circular saws and appropriate safety aids to
 - 5.1 change saw blades (portable saws only)
 - 5.2 cut timber and timber manufactured sheet material and/or non-ferrous metal to size
- 6 safe use of personal protective equipment (PPE) to carry out the activity
- 7 disposal of waste in accordance with legislation
- 8 maintain a clean work space

Performance Criteria 4

- 9 checks carried out in accordance with manufacturer's/operator's guidance, legislation and official guidance and organisational requirements

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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

Hazards

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

Information

- 3 drawings, specifications, schedules, cutting lists, manufacturers' information and regulations governing the use of machinery to work wood and/or non-ferrous metal

Legislation and official guidance

- 4 this relates to the operative's responsibilities regarding potential accidents and health hazards whilst working in the workplace, with tools, machinery and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting

Maintenance

- 5 operator maintenance of fixed or transportable circular saws

Methods of operations

- 6 application of knowledge for safe work practices, procedures and skills, relating to the method/area of work and materials used, to
 - 6.1 change saw blades appropriate to the material and use
 - 6.2 cut material to size
 - 6.3 operate fixed or transportable circular saws
- 7 team work and communication

Personal protective equipment (PPE)

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

Problems

- 9 those arising from information, resources and methods of work
 - 9.1 own authority to rectify
 - 9.2 organisational reporting procedures

Resources

- 10 materials, components and equipment relating to types, quantity, quality and sizes of standard and/or specialist
 - 10.1 timber, manufactured sheet material, non-ferrous metal
 - 10.2 saw blades
 - 10.3 safety aids (push sticks and jigs etc.)
 - 10.4 hand tools and equipment
- 11 methods of calculating quantity, length, area and wastage associated with the method/procedure to set up and use circular saws

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