

PRODOD7 - SQA Unit Code F00Y 04

Slinging and signalling the movement of loads



Overview

This standard is about:

- 1 interpreting information
- 2 adopting safe and healthy working practices
- 3 selecting materials, components and equipment
- 4 preparing for and slinging and signalling the movement of loads

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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 organise with others the sequence in which the work is to be carried out.
 - P3 comply with the relevant, current legislation, special legal status documents, official guidance and organisational procedures to maintain safe work practices.
 - P4 select plant or machinery resources for the methods of work and operations to be carried out.
 - P5 comply with organisational procedures to minimise the risk of damage to the work and surrounding area.
 - P6 comply with the given contract information to carry out the work efficiently to the required specification.
 - P7 complete the work within the allocated time, in accordance with the programme of work.

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Knowledge and understanding

You need to know and understand:

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.
- K4 *organise with others*
- K5 **communication** of ideas between team members.
- K6 organisation of **resources** in conjunction with the progress of work.
- K7 **skills** required to carry out the work.

You need to know and understand:

Safe work practices

- K8 the level of understanding operatives must have of **information** for relevant, current **legislation, approved codes of practice and official guidance** and how it is applied.
- K9 how **emergencies** should be responded to and who should respond.
- K10 the organisational **security procedures** for *plant and/or machinery*, tools, equipment and personal belongings.
- K11 what the accident reporting procedures are and who is responsible for making the report.
- K12 why and when **personal protective equipment (PPE)** should be used.

You need to know and understand:

Selection of resources

- K13 the characteristics, quality, uses, limitations and defects associated with plant **resources** and how defects should be rectified.
- K14 how the **resources** should be used and how any **problems** associated with the **resources** are reported.
- K15 the organisational procedures to select **resources**, why they have been developed and how they are used.
- K16 the **hazards** associated with the **resources** and **methods of work** and how they are overcome.

You need to know and understand:

Minimise the risk of damage

- K17 how to **protect work** from damage and the purpose of protection.
- K18 why **disposal of waste** should be carried out safely and how it is achieved.

You need to know and understand:

Meet the contract specification

- K19 how **methods of work**, to meet the specification, are carried out and **problems** reported.

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K20 how **maintenance** of *plant and/or machinery*, tools and equipment is carried out.

Allocated time

You need to know and understand

K21 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 related to performance criteria

Interpretation of drawings, specifications, schedules, method statements, manufacturers' information, related to the plant and machinery operations and the work to be carried out.

Organisation of own work.

Communication with team members and other associated occupations about the plant or machinery operation and the work to be carried out.

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.

Safe use and storage of tools and equipment.

Selection of resources associated with own work:

- 1 attachments, slinging equipment, lifting aids, hand tools and ancillary equipment
- 2 signalling and communication equipment.

Protection of the work and its surrounding area from damage.

Disposal of waste in accordance with legislation.

Minimise damage and maintain a clean work space.

Work skills to:

- 1 measure, gauge, estimate, fit, fix, test, balance, interpret, judge, explain, prepare, indicate, inform, instruct, sign, position, adjust, configure, move, secure, signal and relay.

Use and maintain:

- 1 hand tools and ancillary equipment
- 2 slinging equipment
- 3 signalling and communication equipment.

Slinging and signalling for the lifting and movement of loads by plant or machinery operations to given working instructions.

Completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client.

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Scope related to knowledge and understanding

Communication

Discussions, sketches, briefings, signalling and radio communication.

Disposal of waste

Environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.

Emergencies

Operative's response to situations in accordance with organisational authorisation and personal skills when involved with:

- 1 fires, spillages, injuries
- 2 relating to the occupational activity.

Hazards

Those identified by method of work, risk/COSHH assessments, manufacturers' technical information, statutory regulations and official guidance.

Information

Drawings, specifications, schedules, method statements, manufacturers' information, approved procedures, Codes of Practice.

Legislation, Approved Codes of Practice and official guidance

This relates to the operative's understanding of their responsibilities regarding current legislation whilst working:

- 1 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.

Maintenance

Operative care of hand tools, ancillary equipment, slinging equipment, signalling and communication equipment.

Methods of work

Application of knowledge for safe work practices, procedures, skills and transference of competence, relating to the area of work, to:

- 1 confirm method of communication
- 2 determine method of slinging
- 3 select and use suitable slinging equipment and lifting accessories
- 4 sling loads securely and balance with correct weight distribution
- 5 signal and communicate following recognised/agreed operational procedures
- 6 position loads safely and securely
- 7 remove and store lifting accessories
- 8 use hand tools and ancillary equipment.

Team work and communication.

Needs of other occupations associated with slinging and signalling the movement of loads.

Personal protective equipment (PPE)

Occupational use, types, purpose of each type and work situations.

Problems

Those arising from information, resources and methods of work:

- 1 own authority to rectify
- 2 organisational reporting procedures.

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Programme

Types of progress charts, timetables and estimated times.

Organisational procedures for reporting circumstances which will affect the work programme.

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