
Overview

This standard covers the routine maintenance of equipment and machines. Such maintenance is usually recommended by manufacturers in order to maximise the working life of the equipment or machinery. You will carry out such activities in accordance with manufacturers' instructions and/or instructions provided by a supervisor or an experienced individual. Important health and safety considerations apply throughout this standard.

If you are working with chemicals or machinery you need to be appropriately trained or certificated in line with current legislation.

You must carry out your work in a way which will minimise any impact on the natural environment.

**Performance
criteria**

You must be able to:

- P1 select and prepare equipment and machines for maintenance
- P2 ensure the equipment and machines requiring maintenance are safe and completely isolated from the power source
- P3 take the correct precautions to minimise dangers from contamination and hazardous chemicals
- P4 ensure the work area is safe and in a condition suitable for the maintenance procedure
- P5 obtain and prepare tools and materials suitable for the maintenance procedure
- P6 maintain equipment and machines in accordance with manufacturers' instructions, standard procedures and legislation
- P7 prevent the escape of substances and deal with waste safely and correctly in accordance with legislation
- P8 identify the need for advice and assistance and refer to the appropriate person
- P9 carry out all work in accordance with relevant environmental and health and safety legislation, risk assessment requirements, codes of practice and company policies
- P10 clean, service and store maintenance tools safely and effectively
- P11 complete records as appropriate

Knowledge and understanding

You need to know and understand:

- K1 the equipment and machinery that requires routine maintenance and the reasons for this
- K2 prepare equipment and machines for maintenance
- K3 methods for preparing equipment and machines
- K4 the dangers created by stored energy and how these should be responded to during the preparation stage
- K5 hazardous chemicals and substances which may be present and ways in which they should be dealt with
- K6 the type of tools, equipment and materials required for the maintenance procedure
- K7 types of personal protective equipment and the reasons for and correct use
- K8 methods for maintaining equipment and machines and the maintenance procedures
- K9 the reasons for maintaining equipment and machinery and the possible consequences of not maintaining them
- K10 legislative requirements relating to the maintenance of equipment and machinery
- K11 levels of responsibility in relation to the maintenance of equipment and machinery and to whom to go for advice
- K12 your responsibilities under current environmental and health and safety legislation, codes of practice and company policies
- K13 how to handle, transport and dispose of waste in accordance with legal and organisational requirements
- K14 how to store tools, equipment and machinery in a safe and effective condition

Glossary

Specifications: drawings, schedules, method statements, Standard Operating Procedures (SOPs), manufacturers' guidelines, customer requirements.

Instructions: verbal or written.

Stored energy e.g. springs, belt tension, hydraulic pressure or electrical discharge.

Tools used to carry out the maintenance procedures will include hand tools and power tools.

Waste materials may include hazardous and non-hazardous materials.

Equipment and machines may be manual or mechanical.

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Suite Horticulture; Agricultural Crop Production; Gamekeeping and Wildlife Management; Livestock Production; Aquaculture; Fisheries Management

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