

SFLLO41 – SQA Unit Code J2L8 04

Minimise the environmental impact of logistics operations



Overview

This standard is about minimising the environmental impact of logistics operations. It includes monitoring the environmental impact and identifying ways to minimise that impact. It also includes monitoring energy efficiency and reducing, re-using and recycling materials.

This standard is relevant to all operatives at every level in logistics operations. Operatives could, for example, be working in warehousing and storage, transport, or freight forwarding. The standard could apply to those who look after a number of staff and have line manager responsibility.

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Performance criteria

You must be able to:

- P1 implement and promote the organisation's environmental and recycling policy to all colleagues
- P2 monitor the energy and materials used to deliver logistics operations in your organisation
- P3 monitor the effects on the **environment** of logistics operations in your organisation
- P4 assess the potential **environmental impact** of logistics operations before they are undertaken
- P5 identify and suggest ways to minimise any adverse effects of logistics operations on the **environment**
- P6 identify ways to reduce, reuse or recycle materials used in logistics operations in your organisation
- P7 identify ways to use energy and materials more efficiently for logistics operations in your organisation
- P8 dispose of surplus materials according to legislation and organisational procedures
- P9 brief partners and subcontractors on their environmental responsibilities when working with your organisation
- P10 record work carried out in the relevant information and recording system, in accordance with organisational procedures
- P11 comply with organisational procedures and all **legal, safety and operating requirements** when monitoring the environmental impact of logistics operations

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Knowledge and understanding

You need to know and understand:

- K1 the environmental protection measures used within your organisation and how these relate to logistics operations
- K2 how to select and use systems to assess the **environmental impact** of logistics operations
- K3 the environmental issues affecting the logistics industry
- K4 your organisation's environmental and recycling policy and how this impacts on the cost of logistics operations
- K5 the relevant legislation and regulations applying to the disposal of surplus materials
- K6 how to recycle and dispose of surplus materials in your organisation
- K7 ways in which material usage can be improved to minimise the **environmental impact** in logistics operations
- K8 ways in which energy efficiency can be improved to minimise the **environmental impact** in logistics operations
- K9 the relevant regulatory bodies for logistics operations and their compliance requirements
- K10 the roles, responsibilities, and management systems relevant to logistics operations in your organisation
- K11 information and recording systems, monitoring systems and communication methods used by your organisation
- K12 the organisational procedures and all **legal, safety and operating requirements** when monitoring the **environmental impact** of logistics operations

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Additional information

Glossary

1. **Environment:** the natural environment, i.e. land, air and water
2. **Environmental impact:** any change to the environment resulting from an individual's or organisation's activities, products or services
3. **Legal, safety and operating requirements:** safety regulations, codes of practice, load restrictions, working time regulations, transport regulations, working practices, operating procedures, industry guidelines

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