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## Overview

This Standard is about managing the environmental impact of waste resource management activity. Environmental impact can be in relation to work activities, resource use and fire. With the regenerative approach of the circular economy, waste is increasingly being seen as a resource which is made up of materials with future uses. This Standard could apply to any type of waste resource management facility.

This includes assessing and reporting on the environmental impact of work activities and resource use, organising work activities and resource use to minimise environmental impact, promoting on-going improvement in environmental performance and implementing fire prevention controls and measures.

This Standard for is managers or supervisors on any type of waste resource management facility.

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## Performance criteria

*You must be able to:*

1. organise resources and work activities in a way that reduces environmental impact
2. use appropriate methods to identify types and locations of combustible and flammable materials and potential ignition sources on site
3. establish ways for other people to identify and report opportunities for improving environmental performance
4. monitor and assess the environmental impact of work activities and resource use on an ongoing basis
5. communicate on-going environmental performance to appropriate people
6. ensure control measures are implemented on site to reduce environmental impact
7. collect and analyse data from reliable sources to review existing control measures for minimising environmental impact
8. review the effectiveness of existing control measures on a regular basis
9. recommend improvements to existing control measures which are supported by analysed data
10. produce a report on environmental impact and recommendations for improvement in approved organisational formats
11. pass reports and recommendations to appropriate people at appropriate times

## Knowledge and understanding

*You need to know and understand:*

1. the principles of sustainable waste resource management
2. factors that could prevent materials being managed in the most sustainable manner
3. the waste hierarchy and its application in sustainable waste resource management
4. principles underpinning the waste hierarchy and its links to national and international legislation
5. the principles and practices associated with the circular economy
6. the positive, neutral and negative environmental impacts of diverting materials away from landfill
7. legislative requirements, codes of practice and guidance applicable to the transfer and transport of materials from site
8. organisational procedures and control measures for managing the environmental impact of work activities
9. how to assess the impact of work activities and resources on the environment, including risk analysis
10. sources of specialist advice to manage environmental impact of work activities, resources and fire
11. how to minimise and monitor environmental impact of work activities and resources
12. methods to use to identify types and locations of combustible and flammable materials and potential ignition sources
13. the combustible and flammable materials and potential ignition sources on site
14. factors that can affect the likelihood of combustion or ignition and how to control them, including storage and environmental influences
15. control measures aimed at reducing the risk of fire and the impact should fire occur
16. legal requirements and current guidance for managing risk of fire on site
17. organisational procedures for managing risk of fire on site

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<b>Developed by</b>	Energy & Utility Skills
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<b>Date Approved</b>	01 Mar 2019
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<b>Validity</b>	Current
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<b>Originating Organisation</b>	Energy & Utility Skills
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<b>Original URN</b>	WM51
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<b>Relevant Occupations</b>	Public Service and other Associate Professionals, Public Services, Waste Manager
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<b>Suite</b>	Waste Resource Operations Management
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<b>Keywords</b>	waste management; sustainability; environmental practice, environmental performance; environmental impact
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