

## Overview

This Standard is about managing site operations for the remediation of contaminated land. It includes managing operations and controlling all work activities relating to the remediation of contaminated land. This includes arranging for the safe storage of outputs, arranging for samples of treated materials to be analysed and arranging for materials that fail to meet quality standards to be reworked or disposed of. All procedures must be implemented in compliance with the legislative requirements. This Standard is for managers in the waste management industry who are responsible for remediation of contaminated land.

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## Performance criteria

### *You must be able to:*

1. implement systems and procedures for treatment operations to remediate contaminated land in accordance with legislative and organisational requirements 2. arrange for the supply of materials, equipment and information needed to carry out the treatment operations 3. arrange for the safe storage of outputs from treatment operations 4. ensure that all procedures and waste treatment processes are adhered to by all those involved 5. make sure there are a sufficient number of trained personnel available to carry out remediation work 6. monitor staff activity on treatment operations to ensure they meet quality requirements 7. implement a programme of training for staff to ensure all processes can be carried out safely by suitably trained staff 8. arrange for samples of treated material to be taken and analysed at appropriate times to determine compliance with legislative and organisational requirements related to future use of land 9. maintain records of materials treated and the control parameters for the treatment operations in accordance with legislative and organisational requirements 10. rectify any issues that may prevent remediation treatment in line with organisational processes 11. arrange for materials that fail to meet required quality standards to be reworked or disposed of in line with legislation and organisational requirements 12. seek advice from appropriate specialists to resolve situations which are outside your responsibility

## Knowledge and understanding

### *You need to know and understand:*

1.  
legislative requirements, regulations, codes of practice and guidance applicable to the remediation of contaminated land
2.  
the planning, permit requirements, deployment form and environmental management system (EMS) for the site
3.  
the records required by the permit and deployment form for treatment operations used and placement of remediated materials on site
4.  
organisational procedures for managing work activities and personnel
5.  
the future use to which the land will be put and the related quality standards for remediation that apply
6.  
the principles of methods used to treat contaminated land to restore it for use
7.  
quality inspection, identification and handling requirements for the types of materials being remediated
8.  
the operating procedures for all machinery, plant and equipment used on the site for handling remediated materials
9.  
handling techniques that are suitable for the materials being treated
10.  
the outputs and residues produced
11.  
onsite procedures for storing outputs and residues from remediation processes
12.  
organisational procedures for dealing with residues, out of specification remediated materials and any other rejects from the process
13.  
hazards associated with the remediation of contaminated land in relation to health

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and safety and the environment

14.

the control measures to reduce or eliminate risks to safety, health and the environment on the site

15.

the types of personal protective equipment (PPE) required and how they must be used, maintained and stored

16.

the legal and organisational requirements for recording and reporting risks to health, safety and the environment

17.

issues that may prevent the treatment for remediation of contaminated land including staff shortages, equipment deficiencies, spillages or external factors

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