

Procedure Reference: 2.2.1

Date: ****

Title: Design of Materials Storage Facilities**Related Procedures:**

- 2.2.2 Inspection and Testing of Storage Facilities
- 2.2.3 Emergency Action in the Event of Spills or Leaks from Storage Facilities
- 2.2.4 Loading and Unloading of Environmentally Hazardous Substances

Summary:

All storage facilities for substances or materials which are environmentally hazardous must be designed to be

- appropriate to the nature of the substances involved
- manufactured and constructed from suitable materials
- constructed to appropriate standards
- designed to isolate leaks and spills
- marked with appropriate warning symbols and text
- located in an appropriate position.

Procedure**Existing Storage Facilities**

1. The Environment Manager is responsible for identifying and assessing the suitability of all existing materials storage facilities that are used for storing environmentally hazardous materials.
2. Storage facilities must be inspected to determine whether they are
 - manufactured from suitable materials which will not be degraded by the materials in store or other substances that may be present in the area
 - constructed to appropriate standards which may include regulations, Codes of Practice, authorisations, permits etc
 - designed to contain/isolate leaks and spills
 - marked with appropriate warning symbols and text which meet legal requirements
 - in good condition and adequate for their purpose
 - located in suitable areas.

The inspection should be recorded according to Procedure 2.2.2. Re-inspections should be undertaken regularly.

3. Where defects or sub-standard storage is identified, the actions required should be

documented using Procedure 2.2.2.

New Storage Facilities

4. All new facilities for materials storage must be designed to meet the criteria listed in 2. above. The manager responsible for design and commissioning of new storage facilities is responsible for ensuring that environmental considerations are taken into account.

CHASE-EME	Relevant Section(s)
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Section 1, 3 & 6.2	
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Legislation

Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 SI 1689
Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regulations 2005 SI 2571
Control of Major Accident Hazards Regulations 1999 SI 743
Control of Major Accident Hazards (Amendment) Regulations 2005 SI 1088
Control of Pesticides Regulations 1986 SI 1510
Control of Pesticides (Amendment) Regulations 1997 SI 188
Control of Pollution (Oil Storage) (England) Regulations 2001 SI 2954
Control of Pollution (Silage, Slurry and Agricultural Fuel Oil) Regulations 1991 SI 324
Food and Environment Protection Act 1985
Pesticides Act 1998
Pollution Prevention and Control Act 1999
Pollution Prevention and Control (England and Wales) Regulations 2000 SI 1973
Radioactive Substances Act 1993