
Changes to legislation: 2003/33/EC: Council Decision, Division 2. is up to date with all changes known to be in force on or before 08 December 2023. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) [View outstanding changes](#)

ANNEX

CRITERIA AND PROCEDURES FOR THE ACCEPTANCE OF WASTE AT LANDFILLS

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Appendix A

SAFETY ASSESSMENT FOR ACCEPTANCE OF WASTE IN UNDERGROUND STORAGE

2. ACCEPTANCE CRITERIA FOR UNDERGROUND STORAGE: ALL TYPES

2.1. Excluded wastes

In the light of sections 1.2.1 to 1.2.8, wastes that may undergo undesired physical, chemical or biological transformation after they have been deposited must not be disposed of in underground storage. This includes the following:

- (a) wastes listed in Article 5(3) of the Landfill Directive;
- (b) wastes and their containers which might react with water or with the host rock under the storage conditions and lead to:
 - a change in the volume,
 - generation of auto-flammable or toxic or explosive substances or gases, or
 - any other reactions which could endanger the operational safety and/or the integrity of the barrier.

Wastes which might react with each other must be defined and classified in groups of compatibility; the different groups of compatibility must be physically separated in the storage;

- (c) wastes that are biodegradable;
- (d) wastes that have a pungent smell;
- (e) wastes that can generate a gas-air mixture which is toxic or explosive. This particularly refers to wastes that:
 - cause toxic gas concentrations due to the partial pressures of their components,
 - form concentrations when saturated within a container, which are higher than 10 % of the concentration which corresponds to the lower explosive limit;
- (f) wastes with insufficient stability to correspond to the geomechanical conditions;
- (g) wastes that are auto-flammable or liable to spontaneous combustion under the storage conditions, gaseous products, volatile wastes, wastes coming from collections in the form of unidentified mixtures;
- (h) wastes that contain, or could generate, pathogenic germs of communicable diseases (already provided for by Article 5(3)(c) of the Landfill Directive).

2.2. Lists of waste suitable for underground storage

Inert wastes, hazardous and non-hazardous wastes, not excluded by sections 2.1 and 2.2 may be suitable for underground storage.

Member States may produce lists of wastes acceptable at underground storage facilities in accordance with the classes given in Article 4 of the Landfill Directive.

2.3. Site-specific risk assessment

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Acceptance of waste at a specific site must be subject to site-specific risk assessment.

The site-specific assessments outlined in section 1.2 for the wastes to be accepted at an underground storage should demonstrate that the level of isolation from the biosphere is acceptable. The criteria have to be fulfilled under storage conditions.

2.4. Acceptance conditions

Wastes can be deposited only in an underground storage securely separated from mining activities.

Wastes that might react with each other must be defined and classified in groups of compatibility; the different groups of compatibility must be physically separated in the storage.

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Changes and effects yet to be applied to :

- Regulation revoked by [2023 c. 28 Sch. 1 Pt. 2](#)