



TNRCC REGULATORY GUIDANCE

Municipal Solid Waste Division

RG-4

September 1996

SUBJECT: Asbestos Wastes Disposal

DEFINITIONS

Friable and Nonfriable Asbestos-Containing Materials

Materials containing asbestos can be in two forms: friable and nonfriable

Definition: friable asbestos-containing material, when dry, can be crushed to a powder by hand pressure, and includes:

- blown-in insulation,
- some pipe wrapping, and
- some ceiling tiles.

Definition: nonfriable asbestos-containing materials when dry, cannot be crushed to a powder by hand pressure.

- Category I nonfriable asbestos-containing material includes:
 - gaskets,
 - packing,
 - resilient floor covering, and
 - asphalt roofing products.
- Category II nonfriable asbestos-containing material includes:
 - transite shingle,
 - transite pipe, and
 - any nonfriable asbestos-containing material not defined as Category I.

Regulated and Nonregulated Asbestos-Containing Materials

The Texas Natural Resource Conservation Commission (TNRCC) recognizes two types of asbestos-containing materials. See 30 Texas Administrative Code (TAC) 330.2 (Definitions).

Definition: regulated asbestos-containing material, as defined in 40 Code of Federal Regulations (CFR) Part 61, is:

- friable asbestos-containing material that contains greater than 1 percent asbestos using the method specified in Appendix A of Subpart F in 40 CFR Part 763, Section 1;
- nonfriable asbestos-containing material that contains greater than 1 percent asbestos but has been subjected to sanding, grinding, cutting, or abrading, or that has a high probability of being reduced to powder in the course of demolition or renovation; or
- any asbestos-containing material from outside the boundaries of Texas.

Definition: nonregulated asbestos-containing material is:

- any material containing less than 1 percent asbestos, or
- any nonfriable asbestos-containing material not identified as regulated above.

Management of an asbestos-containing material depends on its regulatory status.

MANAGEMENT OF REGULATED ASBESTOS-CONTAINING MATERIAL

Regulated asbestos-containing material [see 30 TAC 330.136(b)(3) pertaining to friable asbestos-containing material]

- Must go to an approved landfill, which:
 - must notify the TNRCC Office of Air Quality and the Texas Department of Health (TDH) Toxic Substances Control Division of intent to accept asbestos-containing material (see Guidance Document EPA

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- ▶ 340/1-90-016);
 - ▶ must coordinate with the generator for receipt of the waste;
 - ▶ must accept the waste only in a wetted condition;
 - ▶ must accept the waste only in undamaged containers or bags as approved by the TNRCC;
 - ▶ must place bags or containers at or below grade level or not in an area that may be subject to erosion or weathering; and
 - ▶ must place, not dump, the bags or containers and cover immediately.
- Requires a TNRCC Manifest (TWC 0311) for the following generators:
 - ▶ **industrial** generators, including manufacturing facilities, agricultural activities, and mining operations; and
 - ▶ **nonindustrial** generators, such as schools and churches; commercial, retail, and service businesses; and oil and gas exploration, development, or production.
 - Requires TNRCC authorization for disposal for the following generators:
 - ▶ wastes generated under Railroad Commission of Texas (RRC) jurisdiction, and
 - ▶ wastes generated outside the boundaries of Texas.

MANAGEMENT OF NONREGULATED ASBESTOS-CONTAINING MATERIAL

Nonregulated asbestos-containing material [see 30 TAC 330.136(b)(4)]

- May go to any municipal solid waste landfill, which:
 - ▶ must place the waste on the active working face of the landfill, and
 - ▶ must cover it immediately.
- Does not require a manifest.
- Does not require TNRCC authorization for disposal, unless it falls under RRC jurisdiction.

FOR MORE INFORMATION

For more information on asbestos-containing material disposal or authorization for disposal of special wastes, please contact:

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