

807 MINIMUM SAFETY STANDARDS FOR SLANT-REFUSE BINS

- 807.1 The purpose of this section is to establish minimum safety standards for the design and use of non-portable, mechanical lift, tapered, rear or side loading solid waste (refuse) containers (also referred to in this section as "slant-refuse bins" or simply "bins") to reduce or eliminate hazards that may exist in the instability of these bins.
- 807.2 The requirements of this section shall apply to all in-service and newly manufactured slant-refuse bins of four cubic yards (4 yds.³) or less which are mechanically used in connection with rear or side loading solid waste (refuse) collection vehicles within the District.
- 807.3 The requirements of this section are not intended to apply to those containers which are configured with hydraulically actuated compactor heads and plastic containers less than one cubic yard (1 yd.³) in capacity which are used for solid waste (refuse) collection service and are rolled to the collection vehicle.
- 807.4 All slant-refuse bins shall comply with the applicable requirements of this section not later than the following dates:
- (a) In-service slant-refuse bins located in the immediate vicinity of schools, schoolyards, parks, playgrounds, apartments, housing developments, and those bins located on sidewalks or other public space shall comply not later than October 22, 1976;
 - (b) In-service slant refuse bins in all other locations than those listed in §807.4(a) shall comply not later than October 22, 1977; and
 - (c) All slant-refuse bins which are newly manufactured, rebuilt, or sold on or after October 22, 1976, shall comply with this section.
- 807.5 Prior to the dates set forth in §807.4, existing slant-refuse bins which do not meet the requirements of §807.6 shall comply with one of the following:
- (a) The slant-refuse bin shall be securely fastened to a fence, wall, or other stable, stationary object so that the bin cannot tip; or
 - (b) The slant-refuse bin shall be completely enclosed within a fence or barrier at least four feet (4 ft.) in height with an access gate that is kept locked or otherwise protected to prevent access of children eight (8) years of age and under to the bin.
- 807.6 A slant-refuse bins shall be designed, constructed, or modified so that the bin shall not tip when subjected to one hundred seventy-five pounds (175 lbs.) hanging vertically from the leading edge of the bin when tested under the conditions set forth in §807.7.
- 807.7 The following conditions for testing a slant-refuse bin shall be observed:
- (a) The bin shall be empty;
 - (b) The bin shall rest on a hard, level surface;
 - (c) The bins shall not be allowed to move laterally on the surface on which it rests;
 - (d) A bin with a lid or cover shall have the lid or cover positioned in its most adverse stability condition; and

- (e) A bin with casters or wheels shall have the casters or wheels positioned in their most adverse stability condition.
- 807.8 Any of the following design features may be employed by manufacturers of new slant-refuse bins or the owners of in-service bins to comply with the requirements of §807.6:
- (a) Modification of the side profile wheelbase configuration by extending the casters or wheels on the slant side(s) of the bin forward, so that any load center of gravity shall be within the wheelbase of the bin; or
 - (b) Any other design which is at least as effective as that specified in §807.8(a) and which also complies with §807.6.
- 807.9 A slant-refuse bin shall be placed on a hard, level surface. Any casters or wheels on the bin shall be locked.
- 807.10 All safety marking on bins shall be in compliance with American National Standards Institute (ANSI) standards Z-53.1 and Z-35.1 which identify a safety color code for marking physical hazards and specifications for accident prevention signs.
- 807.11 Each newly-manufactured and in-service bin shall be marked in conformance with the following requirements:
- (a) A safety marking shall be conspicuously located on each of the two (2) narrow sides of the bin, such as: "NOTICE: CONTAINER MUST BE PLACED ON HARD, LEVEL SURFACE"; and
 - (b) A safety marking shall be located on three (3) sides of the bins, such as: "CAUTION - DO NOT PLAY ON OR AROUND."
- 807.12 The owner, tenant, lessee, or agent of any person who occupies or has control of premises served by a slant-refuse bin or bins shall be responsible for the following:
- (a) Providing a hard, level surface for the placement of each bin; and
 - (b) Ensuring that each bin placed on the premises conforms to the requirements of this section.
- 807.13 Manufacturers, distributors, and collectors concerned shall provide individual users of bins with written information on the minimum safety standards prescribed in this section.
- 807.14 The Director shall inspect all in-service slant-refuse bins to ascertain that the bins are in compliance with the applicable requirements of this section at least once each year.
- 807.15 After October 22, 1976, the Director shall inspect each newly manufactured slant-refuse bin upon placement on location to ascertain whether the bin is in compliance with the applicable requirements of this section.
- 807.16 On and after the applicable date set forth in §807.4, each approved slant-refuse bin used for storage of solid waste in the District shall display a printed statement of approval on a pressure-sensitive backed label in a conspicuous place. Each label shall be serially numbered, and shall be affixed by the Director after inspection.
- 807.17 The label of approval required under §807.16 shall read as follows:

**THIS SLANT-REFUSE BIN MEETS THE DEPARTMENT OF PUBLIC WORKS
MINIMUM SAFETY STANDARDS AND IS APPROVED FOR USE IN THE
DISTRICT OF COLUMBIA**

- 807.18 Each approved slant-refuse bin shall have painted in block letters and figures at least four inches (4 in.) high on one vertical side the name and business telephone number of the licensed collector and the capacity of the bin in cubic yards. A decal containing the same information in similar format shall be acceptable.

SOURCE: Final Rulemaking (DES Order No. 90-94-05) published at 22 DCR 5747, 5748 (April 22, 1976).