

SECTION 11328 - DUMPSTERS AND RECEPTACLES

City of San Diego, CWP Guidelines

PART 1 -- GENERAL

1.1 WORK OF THIS SECTION

- A. The WORK of this Section includes providing dumpsters and receptacles with hinged, split covers and gates, to receive screenings, grit, sludge, and waste materials from wastewater treatment plants.

1.2 RELATED SECTIONS

- A. The WORK of the following Sections applies to the WORK of this Section. Other Sections of the Specifications, not referenced below, shall also apply to the extent required for proper performance of this WORK.
 - 1. Section 05500 Miscellaneous Metalwork
 - 2. Section 09800 Protective Coating
 - 3. Section 11000 Equipment General Provisions

1.3 SPECIFICATIONS AND STANDARDS

- A. Except as otherwise indicated, the current editions of the following apply to the WORK of this Section:
 - 1. ANSI Z 245.3 Safety Requirements for the Stability of Refuse Bins

1.4 SHOP DRAWINGS AND SAMPLES

- A. The following shall be submitted in compliance with Section 01300:
 - 1. Manufacturer's product data and specification.
 - 2. Dimension drawings showing sizes, materials, gauges, construction details, attachments, weights, and coating.

1.5 OWNER'S MANUAL

- A. The following shall be included in the OWNER'S MANUAL in compliance with Section 01300:
 - 1. Manufacturer's catalogue sheets, showing model numbers, name, address, and telephone number of nearest supplier and service representative.

NTS: Due to the many types of containers, as well as hoisting and hauling methods in use at various plants, the Specifier must first contact the operations and other personnel at the specific site to familiarize himself with their local requirements before finalizing this Section of the Specifications.

When designing the facility, it is always advisable to make provision for backing in dump trucks, as an alternative method, to receive the screenings or grit directly from the conveyors, as well as using dumpsters or receptacles. Exact requirements should be ascertained from the operations staff before finalizing this Section.

PART 2 -- PRODUCTS

2.1 GENERAL

- A. **Construction:** Dumpsters and receptacles shall be of rectangular, all-welded steel construction, be watertight and corrosion resistant, of the roll-off push out type, with rounded corners, split covers with locking handles, reinforcing ribs and cross members, hinged gates, main rails, push plates, casters, hook-up, and provision for hoisting the containers onto hauling trucks.
- B. **Materials:** The equipment shall be fabricated of the following materials and parts:
1. Sides, Floors and Lids: Minimum 10-gauge sheet steel with continuous welds, and minimum 6 x 2 x 1/4-inch main rails.
 2. Gates: Reinforced, hinged, 10-gauge sheet steel, watertight rear gates with ratchet cam positive type door latch system, gate rest, and safety chain.
 3. Sleeves: 1/4-inch steel bumper plate, 1/4-inch formed plate, gusseted (for 4 cu yds dumpsters only).
 4. Cable Hookup: 1/2-inch steel plate burnout with one-inch pin.
 5. Cover and Hold Downs: Minimum 10-gauge steel, longitudinally split, hinged covers with locking handles.
 6. Casters: Minimum 4-inch diameter, heavy-duty, lockable, with ball bearings and grease fittings.
 7. Coating: Equipment shall be coated in accordance with Section 09800.
 8. Attachments: All hinges, pins, bolts, nuts, washers, chains, and springs shall be Type 304 stainless steel.
 9. Drain: The floor shall slope toward a low point provided with a 2-inch welded drain with 2-inch stainless steel ball valve.

C. **Sizes:** The equipment shall conform to the following, approximate sizes and capacities:

1. Dumpsters:

- Capacity - [4] cu yds
- Length - [5] feet
- Width - [6] feet
- Height - [5] feet

2. Receptacles (with internal baffles):

- Capacity - [10] cu yds
- Length - [12] feet
- Width - [8] feet
- Height - [5] feet

D. **Workmanship:** All welded joints shall be continuous to provide a watertight construction. Sharp corners, edges, and welds shall be ground smooth, before coating. Equipment shall be sufficiently reinforced to withstand heavy handling without distortion. Provision shall be made for locking the wheels or containers in place to prevent them from moving during loading.

2.2 MANUFACTURERS

A. Products of the type indicated shall be manufactured by one of the following (or equal):

1. SP Industries, Inc., Hopkins, MI
2. Trojan Metal Products, Los Angeles, CA
3. []

PART 3 -- EXECUTION (Not Used)

** END OF SECTION **