

## **SECTION 221319.13 - SANITARY WASTE INTERCEPTORS**

### **PART 1 - GENERAL**

#### **1.1 SUBMITTAL REQUIREMENTS**

- A. Product Data (PD):
  - 1. Provide product datasheets for all products specified under this section.
  - 2. Provide dimensional drawings, rated capacities, flows, and retentions volumes.
  - 3. Clearly state model numbers on all submittals.

### **PART 2 - PRODUCTS**

#### **2.1 OIL INTERCEPTORS**

- A. Oil Interceptors:
  - 1. Type: Factory-fabricated interceptor for separating and removing light oil from wastewater.
    - a. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
      - 1) E.C. Babbert.
      - 2) Oldcastle Precast
      - 3) Jensen Precast.

### **PART 3 - EXECUTION**

#### **3.1 INSTALLATION**

- A. Equipment Mounting: Install grease interceptors, automatic grease removal devices, and solids interceptors on cast-in-place concrete equipment base(s).
  - 1. Coordinate sizes and locations of concrete bases with actual equipment provided.
  - 2. Construct bases to withstand, without damage to equipment, seismic force required by code.
  - 3. Construct concrete bases 4 inches high and extend base not less than 6 inches in all directions beyond the maximum dimensions of unit, unless otherwise indicated or unless required for seismic anchor support.
  - 4. Minimum Compressive Strength of concrete base: 3000 psi at 28 days.
  - 5. Place and secure anchorage devices. Use setting drawings, templates, diagrams, instructions, and directions furnished with items to be embedded.
  - 6. Install anchor bolts to elevations required for proper attachment to supported equipment.

7. Recessed Floor Installation: Set unit in receiver housing having bottom or cradle supports, with receiver housing cover flush with finished floor.
  8. Install cleanout immediately upstream and downstream from interceptors not having integral cleanout on outlet.
- B. Install oil interceptors, including trapping, venting, and flow-control fitting, according to authorities having jurisdiction and with clear space for servicing. Coordinate oil-interceptor storage tank and gravity drain with Section 231113 "Facility Fuel-Oil Piping."

### **3.2 CONNECTIONS**

- A. Oil Interceptors: Connect inlet, outlet, vent, and gravity drawoff piping to unit, and vent to unit inlet piping.

**END OF SECTION 221319.13**