

# Special Specification 8027

## Sand (Materials Only)



### 1. DESCRIPTION

Furnish sand that is clean and free from deleterious materials.

### 2. MATERIALS

Use materials from prequalified sources listed on the Department website. Use materials from non-listed sources only when tested and approved before use. Allow 30 calendar days for the Engineer to sample, test, and report results for non-listed sources. Do not combine approved material with unapproved material.

**Table 1**  
**Sand Gradation Chart**

Sieve Size	Percent Passing
3/8"	100
#200	0-10

Provide sand with the requirements in Table 2 unless otherwise shown on the plans.

**Table 2**  
**Fine Aggregate Requirements**

Description	Test Method	Limit
Organic Impurities	<a href="#">Tex-408-A</a>	Color not darker than standard

Sand may consist of natural sand, manufactured sand, or a combination of natural and manufactured sand.

Provide sand that is free from corrosive amount of salt, alkali, biodegradable matter or other objectionable material.

No beach sand is allowed. Handle and store sand in a manner that prevents contamination with foreign materials. Clear and level the sites for the stockpiles of all vegetation if the aggregates are stored on the ground and do not use the bottom 6 in. layer of sand without cleaning the sand before use.

Maintain separate stockpiles and prevent intermixing when conditions require the use of two or more different types of sand. Separate the stockpiles using physical barriers where space is limited. Store sand from different sources in different stockpiles unless the Engineer authorizes pre-blending of the sands. Minimize segregation in stockpiles. Remix and test stockpiles when segregation is apparent.

Sprinkle stockpiles to control moisture and temperature as necessary. Maintain reasonably uniform moisture content in sand stockpiles.

### 3. MEASUREMENT

This Item will be measured by the cubic yard of material.

3.1. **Cubic Yard in Vehicle.** By the cubic yard in vehicles of uniform capacity at the point of delivery.

3.2. **Cubic Yard in Drop off.** By the cubic yard in the final drop off position by the method of average end Areas.

The Department will stockpile materials for measurement

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**4. PAYMENT**

The materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for the options shown below.

- 4.1. **Material (Site Delivery).** Payment will be made by the cubic yard for the method specified. This price is full compensation for furnishing materials, assistance provided in sampling, loading, hauling, delivery of materials, furnishing scales and labor for weighing and measuring, and equipment, labor, tools, and incidentals. If bid codes in the estimate indicate location numbers, each location will be shown in the plans.
- 4.2. **Material (Vehicle Pickup).** Payment will be made by cubic yard in vehicle method. This price is full compensation for furnishing materials, assistance provided in sampling, loading, furnishing scales and labor for weighing and measuring, and equipment, labor, tools, and incidentals.