



# SAMPLING OF PORTLAND CEMENT

## 1. SCOPE

- 1.1 This method covers procedures for obtaining samples of Portland cement.
- 1.2 Methods described in this DOH are primarily for use by personnel assigned to inspection duties in concrete or soil cement plants.

## 2. SAMPLING RATE

- 2.1 The sampling rate depends upon the use of the material and what is required for project assurance.

## 3. SAMPLE SIZE

- 3.1 The sample obtained shall weigh approximately 10 lb (4.5 kg)

## 4. PROCEDURE

- 4.1 Obtain the sample from the truck or car used for transportation to the project or plant. If this is not possible, a sample may be taken from the storage bins or silos on the project.
- 4.2 Obtain a minimum of 2 samples during discharge of the load, mix, and properly identify the samples.
- 4.3 Place the sample in an airtight container or plastic bag that is properly sealed. Excess air should be removed from the bag prior to sealing.