

## SAMPLING HYDRATED LIME & LIME PRODUCTS

### Scope

1. These methods are intended to outline procedures for sampling of hydrated lime and lime products in powdered form. In instances where a specific case is not covered, ASTM Designation C-50 shall be referred to.

### Sampling

2. (a) Sampling from Bulk Shipment at Point of Discharge to Storage. — As the material is being dropped from the truck or car into the silo entrance at ground level, take samples with a scoop or small shovel along the side of the discharge pipe. Take enough increments of material to completely fill a one-gallon can or an equivalent container which will hold at least 5 pounds.

(b) In sampling material that is placed in silos by air pressure through a system of pipes, open the bleed-valve, which is at ground level, and divert the flow of material into a one-gallon can or other suitable container. After the can has been filled, or a 5-pound sample has been discharged, close the bleed-valve.

(c) In all Other Cases Not Covered. — If the above methods are not applicable, material shall be taken from the most convenient location, provided the sample obtained will be representative of the total quantity. Increments shall be taken with a scoop or small shovel, and from at least 3 random locations within the bulk.

### Quantity Required

3. All samples shall be collected in quantity enough to fill a ½-gallon, air-tight metal container. This is equivalent to approximately 5 pounds. For quicklime, the containers shall be made of glass.

### Identification

4. (a) Each sample container shall have legibly marked thereon the name of the product, the name of the manufacturer, place of manufacture, and the brand name, if any.

(b) The sample card shall have the following information:

- (1) Name of person sampling
- (2) Name and designation of project
- (3) Quantity represented
- (4) Date sampled
- (5) Manufacturer's name, address