

TRAFFIC PAINT AND GLASS BEADS
DOTD Designation: S 608-99

I. General

A. Equipment

1. One pint friction top can and lid.
2. Drum opener.
3. Mechanical agitator (Jiffy mixer type).
4. Clean sampling device.
5. DOTD stamp, ink pad and suitable markers
6. MATT forms, envelopes and tape for securing to sample containers.

B. Safety Precautions

It is the responsibility of the user of this sampling method to establish appropriate safety practices including, but not limited to, exposure to flammable and hazardous materials and lifting heavy containers and objects.

II. Traffic Paint

A. Sampling at an approved warehouse (Louisiana Warehouse Only)

1. Warehouse Responsibilities
 - a. Notify the District Laboratory in the district in which the warehouse is located and request sampling and testing for batch approval allowing adequate time for scheduling by the District Lab and testing by the Materials and Testing Section.
 - b. Separate the materials to be sampled into individual manufacturer's batch numbers.
 - c. Provide access to enable the District Lab personnel to randomly select a representative drum and facilitate the marking of individual drums or sealed pallets.
 - d. Mechanically agitate the contents of the drum selected by the District Lab personnel until the coating is homogeneous and there is no settled pigment in the drum.
 - e. While agitating place 1 pt of the material into a 1 pt friction top can using a clean sampling device.
 - f. As directed by the District Lab personnel, mark each drum or sealed pallet and stamp with the DOTD lot number.
 - g. After approval of a manufacturer's batch of traffic paint, provide a Certificate of Delivery Form referencing the manufacturer's lot number and the Louisiana DOTD passing lab number with each batch shipped to the job site.
 - h. If the batch is not approved, void the DOTD lot number by marking through the number.
2. District Laboratory Responsibilities
 - a. Identify each manufacturer's batch number and material to be tested by DOTD lot number.
 - b. Randomly select one drum from each manufacturer batch number.
 - c. Witness the warehouse personnel mechanically agitate the contents of the drum selected until the coating is homogeneous and there is no settled pigment in the drum.
 - d. Witness the warehouse personnel properly sample the material.
 - e. Write the DOTD lot number and the manufacturers' batch number on the sample can.
 - f. Once the samples are taken, have the warehouse personnel mark each drum or sealed pallet of that batch and stamp with the DOTD lot number. (Obtain stamps for this purpose from the Materials & Testing Section.)
 - g. Place a properly completed, unsoiled sample identification form in an envelope and securely attach envelope to the sample container. Forward samples to the Materials & Testing Section

for testing. The disposition of results shall be reported by the Materials & Testing Section to the District Laboratory.

- h. For any batch of material not conforming to specifications and receiving a failing report, return to the storage facility to ensure that the supplier of the material has voided the DOTD lot number.

3. Certificate of Delivery From the Warehouse

Upon receiving approval and a passing laboratory number from the Materials & Testing Section, submit with each DOTD lot of approved material a Certificate of Delivery (CD) to the project engineer along with a copy to the Materials & Testing Section. The CD must be signed by an authorized representative of the company.

B. Sampling at Project Site

1. Contractor Responsibilities

- a. Notify the project personnel and request sampling and testing for batch approval allowing adequate time for sample transportation and testing by the Materials and Testing Section.
- b. Separate the materials to be sampled into individual manufacturer's batch number.
- c. Provide access to enable the project personnel to randomly select a representative drum.
- d. Mechanically agitate the contents of the drum selected by the project personnel until the coating is homogeneous and there is no settled pigment in the drum.
- e. While agitating place 1 pt of the material into a 1 pt friction top can using a clean sampling device.

2. Project Engineer Responsibilities

- a. Identify each manufacturer's batch number and material to be tested.
- b. Randomly select one container from each different manufacturer batch number.
- c. Witness the contractor personnel mechanically agitate the contents of the drum selected until the coating is homogeneous and there is no settled pigment in the drum.
- d. Witness the contractor properly sample the material.
- e. Write the manufacturer's batch number on the sample can.
- f. Place a properly completed, unsoiled sample identification form in an envelope and securely attach envelope to the sample container. Forward samples to the Materials & Testing Section for testing. The disposition of results shall be reported by the Materials & Testing Section to the project personnel.

III. Glass Beads

A. Sampling at an approved warehouse (Louisiana Warehouse Only)

1. Warehouse Responsibilities

- a. Notify the District Laboratory in the district in which the warehouse is located and request sampling and testing for approval allowing adequate time for scheduling by the District Lab and testing by the Materials and Testing Section.
- b. Separate the glass beads into individual manufacturer's lot numbers.
- c. Provide access to enable the District Lab personnel to randomly select a representative sack and facilitate the marking of individual containers or pallets.
- d. Once the sack has been selected, stamp and mark each sack or sealed pallet of that lot with the DOTD lot number. (Obtain stamps for this purpose from the District Laboratory personnel.)
- e. After approval of a manufacturer's lot of glass beads, provide a Certificate of Delivery referencing the manufacturer's lot number

- and the Louisiana DOTD passing lab number with each lot shipped to the job site.
- f. If the lot is not approved, void the DOTD lot number by marking through the number.
2. District Laboratory Responsibilities
 - a. Identify each manufacturer's lot number to be tested by DOTD lot.
 - b. Randomly select one 50 lb sack from each manufacturer lot.
 - c. Once the sack has been selected, have the warehouse personnel stamp and mark each sack or sealed pallet of that lot with the DOTD lot number. (Obtain stamps for this purpose from the Materials & Testing Section.)
 - d. Write the DOTD lot number on the sack which has been selected as the sample.
 - e. Place a properly completed, unsoiled sample identification form in an envelope and securely attach envelope to the sack. Forward the sample to the Materials & Testing Section for testing. The disposition of results shall be reported by the Materials & Testing Section to the District Laboratory.
 - f. For any lot of glass beads not conforming to specifications and receiving a failing report, return to the warehouse to ensure that the supplier of the material has voided the DOTD lot number.
 3. Certificate of Delivery From the Warehouse

Upon receiving approval and a passing laboratory number from the Materials & Testing Section, submit with each DOTD lot of approved material a Certificate of Delivery (CD) to the Project Engineer along with a copy to the Materials & Testing Section. The CD must be signed by an authorized representative of the company.

B. Sampling at the Out of State Manufacturer's Facility

1. Manufacturer Responsibilities
 - a. Notify the appointed state inspector in the state in which the storage facility is located for Louisiana DOTD lot approval allowing adequate time for scheduling by the inspector.
 - b. Separate glass beads by manufacturer's lot number.
 - c. Provide access for inspector to easily obtain random samples.
 - d. Once the samples of glass beads are taken, seal, stamp and mark each sack of that lot with the Louisiana DOTD lot number (obtain stamp form state inspector.)
 - e. After approval of the glass beads, provide a Certificate of Delivery referencing the manufacturer's lot number and the Louisiana DOTD passing lab number with each Louisiana DOTD lot shipped to the job site.
 - f. If the material is not approved, void the Louisiana DOTD lot number by marking through the number.
2. State Inspector Responsibilities
 - a. Upon arrival at the warehouse, identify the glass beads by Louisiana DOTD lot number (same material included in manufacturer's lot.)
 - b. Randomly select on 50 lb sack of glass beads per manufacturer's lot.
 - c. Identify the sample of glass beads with the Louisiana DOTD lot number used to designate the lot of which it is representative (Example: MS-GB-0001 for Mississippi inspected material or TX-GB-0001 for Texas inspected material.)
 - d. Once the samples of glass beads are taken, have the warehouse personnel sea, stamp and mark each sack of that lot with the Louisiana DOTD Lot Number (obtain stamps from the Louisiana DOTD Materials & Testing Section.)
 - e. Place a properly completed, unsoiled sample identification form in an envelope and securely attach envelope to the sack.

Forward the sample to the LA DOTD Materials & Testing Section for testing. The disposition of results shall be reported by the Materials & Testing Section to appointed state inspector.

- f. For any lot of material not conforming to specifications and receiving a failing report, return to the storage facility to ensure that the supplier of the material has voided the Louisiana DOTD Lot Number.

3. **Certificate of Delivery From the Warehouse**

Upon receiving approval and passing Louisiana DOTD laboratory number from the Materials & Testing Section, submit with each lot of glass beads a Certificate of Delivery (CD) to the Project Engineer along with a copy to the Materials & Testing Section. The CD must be signed by an authorized representative of the company.

C. **Sampling at Project Site**

1. **Contractor Responsibilities**

- a. Notify the project personnel and request sampling and testing for approval allowing adequate time for sample transportation and testing by the Materials and Testing Section.
- b. Separate the materials to be sampled into individual manufacturer's lot numbers.
- c. Provide access to enable the project personnel to randomly select a representative sack.

2. **Project Engineer Responsibilities**

- a. Identify each manufacturer's lot number and material to be tested.
- b. Randomly select one 50 lb sack from each manufacturer lot.
- c. Place a properly completed, unsoiled sample identification form in an envelope and securely attach envelope to the sack. Forward the sample to the Materials & Testing Section for testing. The disposition of results shall be reported by the Materials & Testing Section to the project personnel.