

## PRETESTED LISTING POLICY FOR GLASS BEADS

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Glass Beads supplied for SCDOT work shall comply with SCDOT Standard Specifications for Highway Construction, AASHTO M 247, and any applicable addenda. For a lot of Glass Beads to be eligible for placement on the pretested listing, suppliers or contractors must follow the Qualification of Samples guidelines listed below. (Note: Intermixed Glass Beads are not required to be pretested and will be accepted based on a manufacturer's certified test results.)

### **Qualification of Lot:**

Before use, submit the following items for each lot of glass bead supplied:

- A sample of the Glass Bead lot. Samples can be submitted using one of the two options listed below.
  - The supplier or contractor may submit at least one 50 to 55 pound bag of glass beads to the below address for each lot.
  - The Resident Construction Engineer may randomly select one 50 to 55 pound of glass beads for each specific lot and submit for testing.
- Manufacturer's certification of testing results for the samples which will minimally include the results of testing for gradations, roundness, and moisture resistance. The quantity of Glass Beads being represented by lot should also be included.
- Manufacturer's certification of compliance with all requirements of the SCDOT Standard Specifications for Highway Construction or applicable special provision. This should include a statement that the glass beads do not contain more than 200 ppm (total) arsenic, 200 ppm (total) antimony, or 200 ppm (total) lead, when tested in accordance with EPA Methods 3052, 6010B, or 6010C.

Furnish the items above to the following address:

Attention: Mr. JT Martin  
SCDOT Office of Materials and Research  
1406 Shop Road  
Columbia, SC 29201

Glass Bead samples will be tested and a report issued within 12 days of receipt. Approved lots will then be published on the Pretested Listing during the next update cycle. Updates will be made to the Pretested Listing once a month or as needed. An expiration date equal to a maximum of 36 months from the time of testing will also be given to each lot. At that time, the lot will be removed from the Pretested Listing. Additional samples of the expired lot may be resubmitted to the Office of Materials and Research for further evaluation by following the above Qualification of Lot requirements. In addition to the pretested qualification requirements of the Glass Bead lot, a certification from the manufacturer must be submitted to the Resident Construction Engineer for each project, certifying that the supplied Glass Beads Lot meets the specified criteria. Publication of a specific lot of Glass Beads on the pretested listing does not waive the lot of meeting any requirements listed in the specifications. SCDOT still reserves the right to sample and test any Glass Bead lot regardless of pretesting qualification status.

Any questions concerning this policy or pretested listing should be directed to:

**Laura Kline, P.E.**  
**Chemical Stabilization Engineer**  
**Office of Materials and Research**  
**PO Box 191, Columbia, SC 29201**  
**Phone: (803) 737 – 6701 Email: KlineLC@scdot.org**

January 17, 2017