

SAMPLING GLASS BEADS

1.0 SCOPE

- 1.1 This method describes the procedure for sampling glass beads. The samples of glass beads will be tested to determine if the batch meets specifications for quality assurance.

2.0 EQUIPMENT

- Glass bead sampler (Figure 1)
- Plastic bags (to hold 1 kg each)
- Cardboard boxes (to hold 1 kg bags)
- Permanent marker, twist ties

3.0 PROCEDURE

- 3.1 Prepare a double plastic sample bag. Write the batch number and site location on the sample bags. Have it open and ready for pouring the sample into.
- 3.2 Remove lid of glass bead shipping container and undo the plastic linear to expose glass beads.
- 3.3 Remove the cap from the top of the bead sampling device (to allow displacement of air upon insertion).
- 3.4 With steady force, push and rotate the sampler down into the beads at such a rate that it takes approximately 10 seconds to either immerse the bead sampling device up to its handles (this is to insure a representative sample is taken throughout the container since it takes about 10 seconds for the point of the sampler to fill).
- 3.5 Once the sampler has been immersed (and has been filled), extract the device holding it vertical. Upon it's removal, close the 2 holes at the point with thumb and finger, tip it over and pour the sample out through the top into prepared plastic sample bag.
- 3.6 Repeat steps 3.4 and 3.5 four more times at different insertion points in the container and place the material into the plastic sample bag (this ensures a representative sample and the amount of 5 extractions = 1 kg required for testing per container).
- 3.7 Replace the bead sampler cap (to ensure no foreign matter enters device over long periods of storage).
- 3.8 Package the one sample bag or the labeled plastic bags in a cardboard box. Label the box with the batch number(s), contract number, project, location, sampling date and name and phone number of sampler, and ship to the

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Department's designated Quality Assurance testing firm.

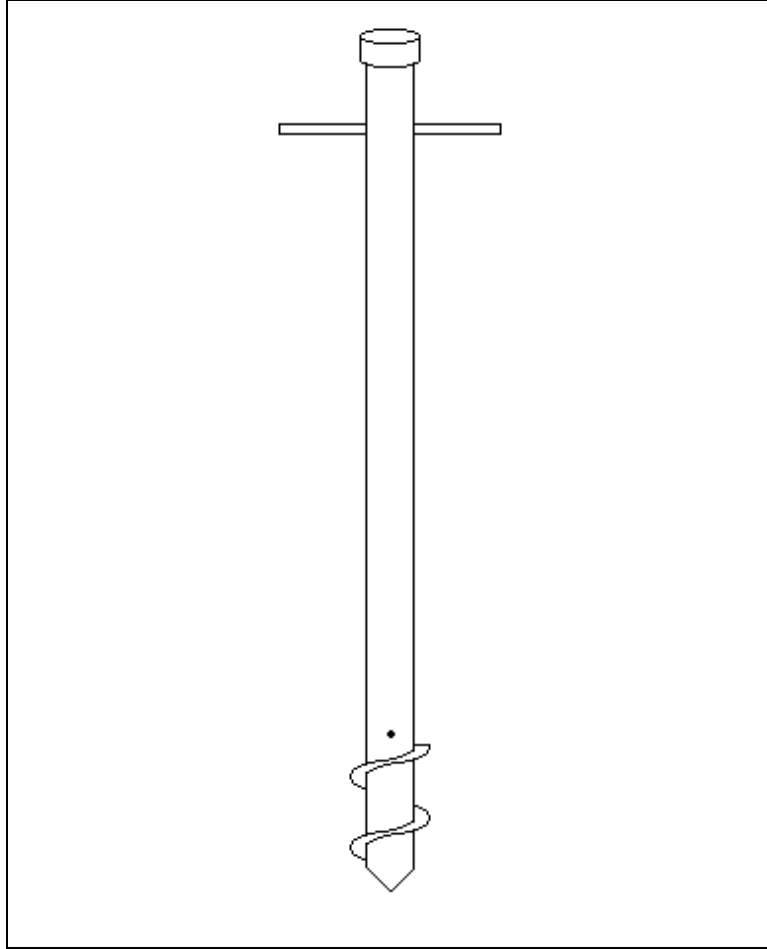


Figure 1