

CARBON SAMPLING PROCEDURE WITH 12' PROBE

1. Obtain six 1 quart clean sample containers with caps. Also obtain a funnel to assist in transferring carbon samples from the probe to the sample containers.
2. Obtain three sets of composite carbon samples from carbon vessels V-1 and V-2 per the procedure described below.
3. Remove cover from one of the carbon fill nozzles on vessel V-1.
4. Make sure sample probe doors are closed.
5. Carefully insert probe straight down through fill nozzle and into carbon. Use care to disturb carbon as little as possible. Push probe all the way down until bottom end of probe is still about six inches above carbon support screen in the carbon vessel. This measurement will have to be determined before inserting the probe into the carbon. This is to avoid punching holes in the support screen.
6. Turn knob of sample probe to open all sample chambers in probe. Allow a few seconds for carbon to fill the sample chambers. Turn knob to close sample chamber doors.
7. Pull sample probe from carbon vessel carefully.
8. Move to an area that is protected from the wind. Collect carbon samples into one of the sample containers. It is important to be protected from the wind so that the wind doesn't blow dust from the sample container. Position probe so that doors in outer sleeve of probe are turned up. The inner sleeve of probe can then be turned so that chambers in probe are on the bottom side of probe. As the inner probe is pulled from the outer sleeve the carbon sample can be transferred to the container. When the total sample has been transferred to the container put the cap on the container and label the bottle to identify the sample with the following information:
 - Customer Name
 - Customer Location
 - Shop Order Number of Unit
 - Vessel Number
 - Date
9. Obtain samples from each fill nozzle of each vessel. Identify each sample separately. Fill each sample container as full as possible.
10. Pack samples carefully and tightly so as to minimize shipping damage. Send samples to John Zink Company. We will forward samples to Westvaco for analysis. Results will be forwarded to customer once they are returned to us.