

Pipe Labeling and Shipping Guide



SAMPLE LABELING

Orientation of the pipe should be indicated (e.g., indicate if horizontal or vertical sample, top and bottom of sample, and direction of fluid flow. If external attack may be present, do not write on areas of attack.

DATA PROVIDED WITH SAMPLE

Data to be provided with the pipe specimen should include the following.

- Company name, building name, contact, address, telephone number, fax number, e-mail address.
- System designation (e.g., No. 1 condenser water system).
- Work desired.
- Date pipe was removed.
- The general location (e.g., supply from tower or return to tower, etc.).
- Floor/level from which the sample was removed.
- The position relative to pertinent equipment (e.g., horizontal hot-water supply line from riser pipe to bathroom; hot-return to cooling tower; vertical cold water supply between horizontal header and air coil No. 5 in northwest corner of building, downstream of three-way circulation valve, upstream of strainer for coil; horizontal steam line between attemperator and secondary superheater for Unit 2; etc.).

PACKING AND SHIPPING

The inside of the pipe may be allowed to dry in a dust-free location. If no such location exists, proceed with next step. The open ends of the pipe sample should be sealed shut with duct tape or equivalent. If the failure is through the entire wall, the failed end should be covered with plastic wrap (Saran or equivalent), and the plastic wrap tightly held in place with a circumferentially wrapped piece of duct tape on the plastic wrap exterior. If there is concern about external deposits or external corrosion, the pipe exterior should be completely wrapped in plastic (e.g., placed in a clean, plastic garbage bag). Steel pipes are heavy and often are packed in homemade wooden boxes filled with packing material to minimize movement during shipment. Sometimes cardboard containers have been effectively used - particularly for copper pipes. In either case, the pipe should be packed in a manner that minimizes movement and wear so that deposits are not

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rubbed or vibrated off the pipe surface during shipment and that packing material does not contaminate deposits on the pipe. Mark the package “fragile, do not drop”.

Where required, chain of custody forms may be used. These are available under Contact Us/Sample Submittal Forms at www.stpa.com