

Procedure for Core Sampling Treated Timber Products

1. Scope:

This test is for sampling treated timber products for treatment analysis.

2. Apparatus:

2.1 Increment borer with hollow bit and extractor. (AWPA Standard M2.)

2.2 Foil, plastic wrap or other non-absorbent material.

2.3 Splints, tubes or other devices for shipment of samples.

3. Procedure:

3.1 Inspect the increment borer to insure that it is free of rust, pitch or preservatives.

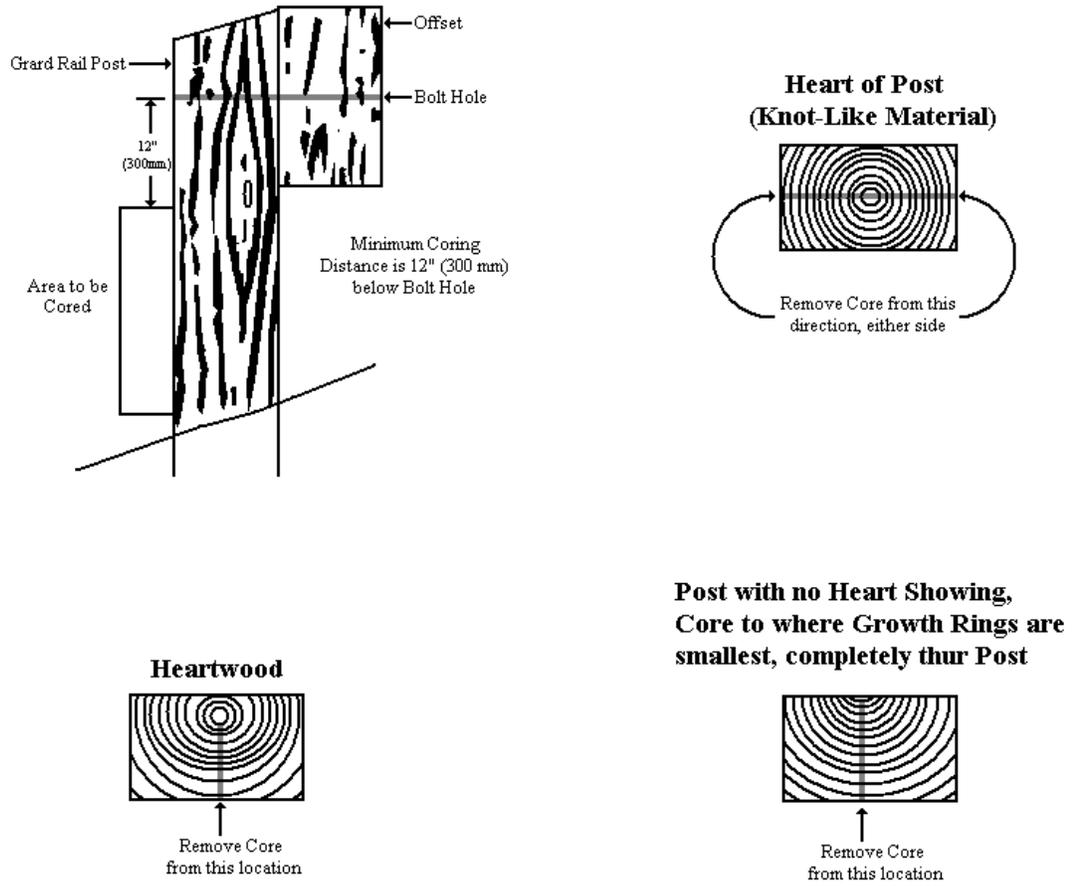
3.2 Randomly select the post to be sampled in accordance with the "Minimum Sample and Test Requirements" (MSTR).

3.3 For round material (Piling, poles and posts), the borer shall be directed toward the center.

3.4 For sawn material, the borer shall be directed as shown in figure 1.

3.5 If the borer passes through an internal knot, check or shake, or if the core is crushed, broken or smeared with treating solution, it shall be discarded. A second boring shall be taken to obtain a specimen suitable for measurement.

3.6 Carefully remove and handle each core so its shape and size shall remain undisturbed. Wrap each core in foil, plastic film (Saran Wrap) or other non-absorbent material, and securely place in splints, tubes or corrugations (As found by removing the outer paper layer in corrugated cardboard) for shipping to the Central Laboratory for testing.



NOTE: Bore all cores at right angles to the sawn face.

Figure 1

4. Report:

Complete a DOT-1 form for each sample.

5. References:

AWPA Standard M2
DOT-1