PTC INQ. #04-10

TECHNICAL INQUIRY
PTC 12.2

SUBJECT: PTC 12.2-1998, Definition of Tube Bundles

Question 1: Para 4.3.12.2 states that a certain number of tubes are required for the sampling per bundle. What is the definition of "bundle"?

Answer 1: As stated in Section 4.3.1.1, a tube bundle is considered to be all tubes connected to a single inlet waterbox.

Question 2: Could a two-pass condenser be treated as one bundle for purposes of determining condenser tube bundle fouling as defined in Section 4.3.12?

Answer 2: No. The second pass is considered to be a second tube bundle as stated in 4.2.4. The number of required pairs of tubes are determined separately for each bundle in accordance with 4.3.12.2. Section 4.3.12.4 describes the inlet temperature measurement requirements for the pairs of tubes in the second pass bundle.