A112 Plumbing Interpretations

Interpretation #:  **PI-04-001**  
Reference #:  A112-DI-04-001 [PIR 04-4]  
Date Issued:  January 17, 2005  
Subject:  ASME A112.18.1-2003; para. 3.2.3, Thread Torque Strength Test

Question (1)  Is the intent of the Thread Torque Strength Test, para. 3.2.3, ASME A112.18.1-2003, to only test the IPS threads of the metal connections of a plumbing fixture fitting.

Reply (1)  Yes.

Question (2)  Is the test only intended as a test of the thread strength, and only to determine if the material being used and the method of cutting the threads provides threads that can withstand this torque?

Reply (2)  Yes.

Question (3)  If there is no evidence of cracking or separation of the threads as defined in para. 3.2.3, ASME A112.18.1-2003, when this torque is applied only to the threads of the connections, is this considered as the sole criteria for passing this test?

Reply (3)  Yes.

Question (4)  Is the test conducted so that no other part of the plumbing fixture fitting is included in the application of this torque?

Reply (4)  Yes.

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