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CODES & STANDARDS

May 3, 2007

John C. Luf



Re: Your letter requesting interpretation of B31.1

Subject: Interpretation, ASME B31.1-2004 Para. 104.8.2 Stress due to Occasional Loads

Item Number: 05-1275

Dear Sir:

Our understanding of your question in your inquiry and our reply are as follow:

Question: In accordance with the Code Para. 101.1, when a piping system operates at multiple sets of coincident operating temperatures and pressures, and the system may at random be loaded with an occasional load as defined in Para. 102.3.3, may the maximum allowable stress used in Para. 104.8.2 equations (12A) and (12B) be based on the corresponding temperature for each set of loading conditions that could occur?

Reply: Yes.

Best Regards,

Sara Vasquez
Secretary, B31.1

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