

I :  
**How does the AISC Code of Standard Practice address the possible tolerance for vertical and horizontal alignment of crane rail in a mill type building?**

AI C C  
 A #13 E (AI E) .H  
 50  
 .C  
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 F AI C D G #7, I B J  
 4 1982 E J  
 A C R

**David T. Ricker, P.E.**  
 Payson, AZ

**What is the correct procedure for checking a structural steel tube wall for local failure due to a load applied by a clip angle?**

C I  
 .H  
 1995  
 C H C  
 1997 D F C F  
 A F I  
 1997

**Matthew Roblez, P.E.**  
 The Sear-Brown Group

**Salt Lake City, UT**  
**via Email**

E : AI C  
 H H  
 AI C  
 M D  
 22-23.

AWS 94 Code 2.3.2.4 states "The effective throat shall be the short distance from the joint root to the weld face of the diagrammatic weld." In the AISC Specification it states the same with the addition of "except that, for fillet welds made by the submerged arc process, the effective throat thickness shall be taken equal to the leg size for 3/8" and smaller fillet welds, and equal to the theoretical throat plus 0.11" for fillet welds larger than 3/8".

