

City of Henderson Fire Safety Engineering Informational Bulletin

Issue 061

COHFireSafety@CityofHenderson.com

August 29, 2007

Revised 6Oct2011

CPVC “Tee-Runs” In Hydraulic Calculations

Tee-Runs (TR) are no longer required by Henderson to be factored into CPVC hydraulic calculations when using computer software design for fire sprinkler hydraulics.

The need to add extra loss into calculations was recently questioned. After extensive research the following has been determined:

- ◆ The manufacturer cut-sheets indicate that additional loss shall be added into a calculation based on the fact that the NFPA-13D committee requires the addition of Tee-Runs in calculations when using the hand calculation sheet [Figure A.8.4.4(a), NFPA-13D, 2010 Edition].



- ◆ Conversations with members of the NFPA-13 committee led to the understanding that Tee-Runs are not required to be included in calculations processed through a sprinkler hydraulic computer program due to conservative safety factors built into the software.

Please e-mail comments, questions & suggestions regarding this bulletin to:
COHFireSafety@CityofHenderson.com or call 702-267-3630

If you do not wish to receive this bulletin, send a reply with REMOVE in the subject line