

YAWA LIVE!

NOVEMBER 24, 2015

Why can't I select a rated flange from the flange browser within the tubesheet form in DesignCalcs?

The tubesheet math for bolted configurations requires bolt loading information that comes from Appendix 2. This data is determined based on information about the bolting and the gasket. When using rated flanges, only the pressure temperature ratings are checked. These do not require bolting and gasket information, so the bolt load values cannot be determined from a rated flange. Now, this doesn't mean that an Appendix 2 custom flange has to be made; you still have the option of manually inputting this information if you want to calculate these few values by hand.

Why can't I select a blind flange from the flange browser within the tubesheet form? What are we supposed to do when we want to use a blind flange to get the tubesheet bolting load information?

A blind flange with openings is not the same as a tubesheet. However, some designers prefer to make a tubesheet out of an off-the-shelf blind flange, so they will first design an Appendix 2 blind flange. The software is not looking at the flange you wish to use to represent the tubesheet, though. Instead, the software wants to know the flange mating to the tubesheet. So, if you designed a body flange and a blind mating to it, just select the body flange from the flange browser when designing the tubesheet.

Can welder testing paperwork PDFs be attached to ProWrite documents?

This is not possible in the current release. However, that feature will be available in the next release of ProWrite, so keep an eye on your CEI Portal.