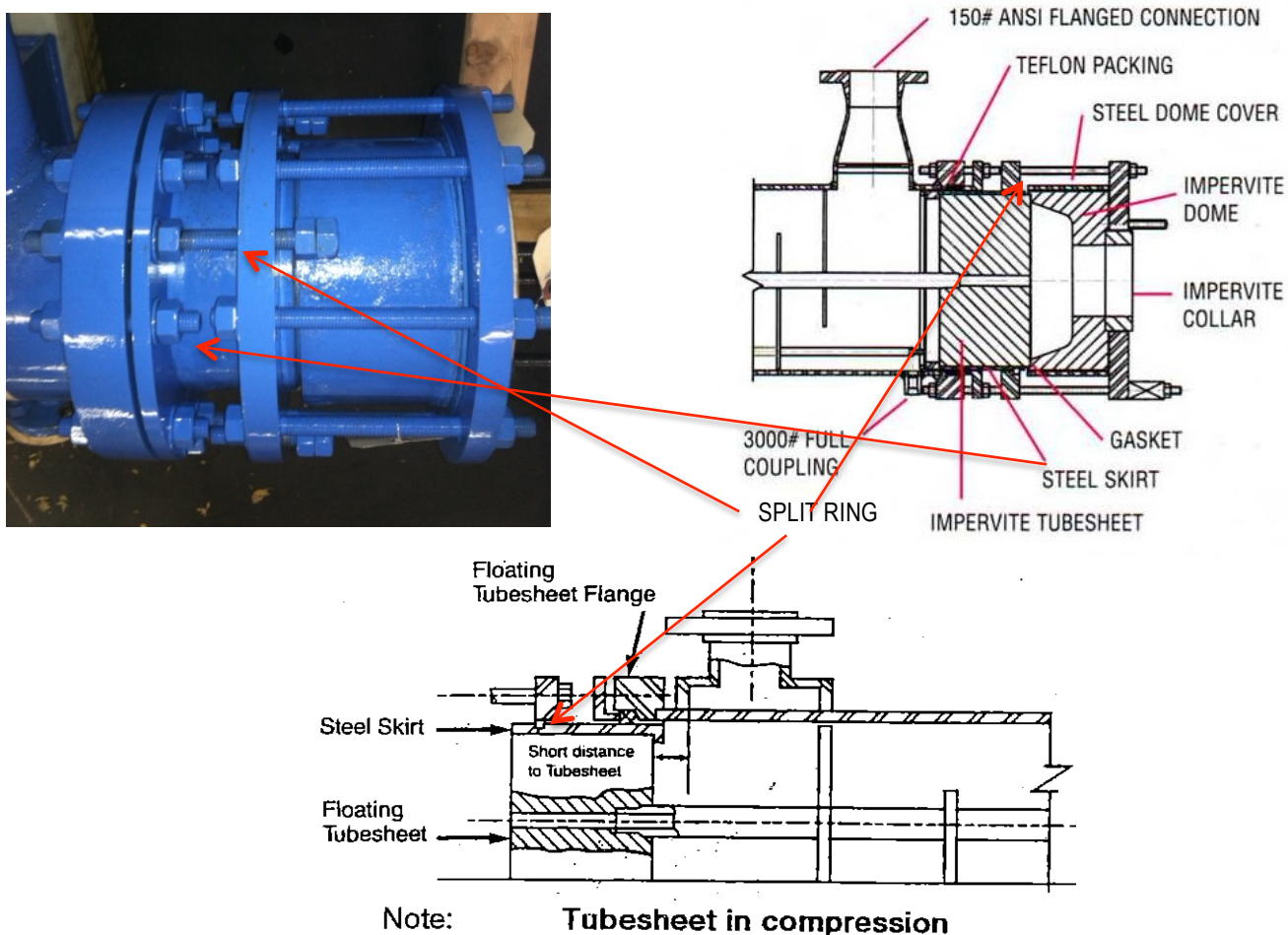


FULLY METAL ENCASED TUBE SIDE CONSTRUCTION

CG Thermal fully encases all exposed graphite components in ASME SEC VIII code stamped metal covers and skirts, protecting the graphite from external damage and eliminating dangerous tensile loads on the floating tube sheet. The design includes a high precision machined floating tube sheet “skirt” which transfers the floating head mechanical and hydraulic forces on to the back side of the floating tube sheet, putting this graphite component in compression, which is the “best practice” for graphite design.



GENERAL

- Units will be designed and stamped with a full ASME SEC VIII Div 1 code stamp, without need of G-mark.
- All metal components will be designed and constructed per ASME code requirements.
- All graphite is contained within ASME code material and unit is tested on both service and process side, treated as a single chamber pressure vessel.

CG Thermal, LLC.

8950 Dutton Dr. Twinsburg, Ohio, USA 44087

Phone: 330-405-0844 – Fax: 330-487-0304

www.cgthermal.com