2019 – Nov 13 – Editorial Section
Approved additions and revisions to guide material under §192.145. Ready for 2nd LB.

PRIMARY: 192.145
PURPOSE: Review GM under 192.145 and address the issue of support for compression couplings and cast iron valves.
ORIGIN/RATIONALE: 2012 – September 21 – LB4-2012
TR 2011-27: Re 192.145 Approved with comment ballot by Paul Oleksa. The sentence "Adequate support, compression couplings, or other means may be used." is not clear. What does a compression coupling have to do with a flanged cast iron valve? This doesn't make sense. Unfortunately, this is more than an editorial fix. I suggest that a new TR be opened to try to figure out what is meant, and to rewrite the guidance material so that it would be more clear.

LB Processing Note: The proposed changes from LB4-2018 are shown in yellow highlight.

Section 192.145

1 FLANGED CAST IRON VALVES IN STEEL PIPELINES

Consideration should be given to the effect of secondary stresses (e.g., those resulting from earth movement, expansion and contraction, or other external forces) which could affect the structural integrity of flanged cast iron valves in steel pipelines. The operator should consider the following.

(a) Adequate support, for both the cast iron valve and the adjacent steel piping.
(b) Compression Compression couplings, designed to resist axial stresses from the adjacent steel piping. If compression couplings are used, the couplings should be designed to resist axial stresses from the adjacent steel piping.
(c) or other Other means may be used.

For joining considerations, see 1, 2, and 3, and 6 of the guide material under §192.273.

2 EQUIVALENT STANDARDS FOR STEEL VALVES
3 PRESSURE-TEMPERATURE RATING
4 PLASTIC VALVES
5 COMPRESSOR STATION PIPING COMPONENTS