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IOM Rupture Disc Holder Torque Value Superseded

Items Affected: Rupture Disc Holders assembled according to Installation, Operation, and Maintenance Manual, Doc. No. A-14378 Rev 1.4, paragraph 4.5.2.19 (hereafter "IOM").

Summary:

- Torque of rupture disc holder cap screws (highlighted in Figure 20, below) is **currently** specified in the IOM excerpt shown here:

4.5.2.19 Close the needle valve or reinstall the plug or indicator. Place the disc on the bottom flange and then place the top flange on top of the rupture disc holder assembly. Tighten the 1/4" HSCS in 1/3" torque increments in a diagonally alternating sequence to a torque of 13ft-lbs for the monel material bolts and for other materials please consult Midland. After rupture disc holder assembly is assembled together, install rupture disc holder per 4.5.2.11.

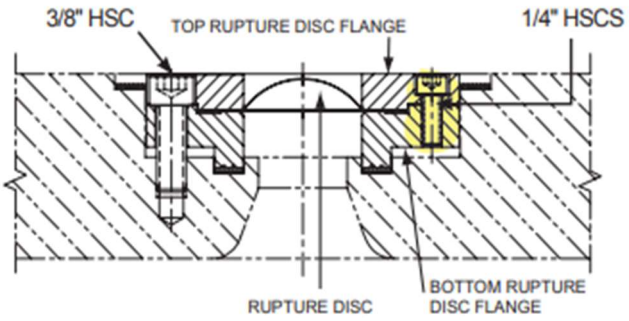

Figure 20 - Rupture Disc and Disc Flange

- 13 ft-lbs applies excessive force to monel material screws, risking yield of the material.

Action:

- Until next IOM revision is published, tank car facilities must apply **7 ft-lbs** torque to highlighted cap screws.
- Do **not** apply lubricant to cap screws or cap screw holes.
- All other provisions of the IOM remain in effect as-written.

Contact Us: For additional questions, visit: https://www.opwglobal.com/midland/contact/sales-manager-locator for contact information