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Instructions to Voters/Comments on API 520 Part I Ballot – Action Item 2022-03

“Paragraph 4.2.1.4.2 – Test Gags”

- Action Item 2022-03 – This action item was created during the review meetings for the “Should and Shalls” ballots.
- Your comments should be limited to the **red-lines portions of the ballot only.**
- If you are voting negative, please indicate which of your comment or comments are the reason for your negative vote. API’s Balloting system will categorize all of your comments as Negative.

Thanks to James Dean and his work group for their efforts.

Phil Henry

API 520 Task Force Chair

4.2.1.4 Pressure-relief Valve Lift Levers & Gags

4.2.1.4.1 A relief valve may have a plain or packed lifting lever. Lifting levers are required by the ASME Code in air, steam, and hot water services. If the purchaser wants to waive the requirement for then Case 2203 shall be specified on the specification sheet. A packed lifting lever is used when there is backpressure due to closed discharge systems or when there is an overpressure scenario that might relieve hot liquid.

4.2.1.4.2 For some pressure relief valves, test gags are an option that can be requested by the user and supplied by the manufacturer. The test gag is typically a threaded rod that when inserted into the cap of the relief device prevents the device from opening/lifting. Test gags are used to disable the relief device during hydrostatic testing of the protected equipment and are removed during normal operation. A test gag shall only be used during hydrostatic testing of the protected equipment and shall be removed and replaced with a plug during operation.