SC 6 Task Group 1 Pipeline and Valve Standards Status Report

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January 24th, 2018
SC-6 TG1 Status Report

- 6D - 24th Ed. - Pipeline and Piping Valves
- 6DSS 3rd Ed. - Subsea pipeline valves
- 6DSSX 1st Ed. - Actuator Sizing for Subsea pipeline valves
- 6DX - 2nd Ed. - Actuator Sizing for pipeline valves
- 6FA 3rd Ed. - Fire Test Valves
- 6FB 3rd Ed. - Fire Test End Connections
- 6FD 1st Ed. - Fire Test Check Valves
- 6DR - 23rd Ed. - Repair & Remanufacture of Pipeline Valves
- 6D-HP - 1st Ed. - Pipe line valves for high pressure service
API 6D -24\textsuperscript{th} ED

• Addendum 2 published June 2016

• Plan to start revision on the 25\textsuperscript{th} edition in early 1Q18. Will consider all interpretations issued by API since August 2014 during the revision.
6DSS 3rd Ed. Subsea pipeline valves

• Publish August 2018 with effective date of August 1, 2018
• This addition has mandatory requirements for API 20E and 20F BSL2
• Revised FAT test durations and new mandatory shell/seat test for valves in gas service
6DSSX 1st Ed. Actuator Sizing for Subsea pipeline valves

• 12-15 active TG members (need better participation!)

• Currently working on Section 10 on Testing.

• Section 6 (Materials), Section 7 (Welding) and Section 8 (Quality Control) are near verbatim copy from API 6DSS 3rd Ed., with only minor changes to verbiage as it relates to actuators vs. valves.
6DSSX 1st Ed. Actuator Sizing for Subsea pipeline valves

• Completed 6 meetings in 2017.

• Document is in review process within TG, expect to have final draft to API within February.

• At current progress, anticipated date for first ballot is Q4 2018.
6DX 2nd Ed. Actuator Sizing for pipeline valves

- Expect to form new Task Group and begin meeting Q1 2018.
- Will use API 6DSSX as template for major revision.
Fire Type Testing standards

• **6FA 3rd Ed – DRAFT. Fire Test Valves** – 1st ballot 4208 closed 9/12/17. Comment ballot review completed. Scheduled for 2nd ballot in 1Q18 to revised new re-organization to text and new Annex A on non-metallic seal qualification.

• **6FB 3rd Ed.- R2011 Sept. Fire Test End Connections**- Scheduled for review or reaffirm by December 2018 -2yr ext. Need new TG Chairman to lead this action.

• **6FD 1st Ed.- R2013 Sept. Fire Test Check Valves**- Scheduled for possible review or reaffirm in 2018. Possible action may be to include the 6D testing into published 6FA 4th ED. By addendum and then republish new 6FA 5th edition in early 2019.
API 6D HP- Pipeline valves for high pressure service

- New SR3 issue to CSOEM during Winter meeting in San Antonio. Hope to start in early 2Q18.
- End-user have requested that SC6 TG1 develop a new API 6DHP to provide high pressure pipeline valves exceeding the normal ASME class greater than class 2500. It will include some requirements similar to API 6A PSLs.
- This specification defines the requirements for the design, manufacturing, assembly, testing, and documentation of ball, check, gate, and plug valves for application in high pressure pipeline systems for the petroleum and natural gas industries.