SC 6 Task Group 1 Pipeline and Valve Standards Status Report

Rick Faircloth

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SC-6 TG1 Status Report

- 6D -25th 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 -3rd Ed. Repair & Remanufacture of Pipeline Valves
- 6D-HP -1st Ed. Pipe line valves for high pressure service
API 6D -25\textsuperscript{th} ED

• Revision on the 25\textsuperscript{th} edition in March 2018. Held 6 TG meeting from March -2018 to January 2019. Next TG meeting will be in Houston late 1Q 2019.

• TG has addressed all pervious 6D interpretation issued by API.

• Included some text from API 6A-21E for alignment with Annex M and Heat treatment equipment.
API 6D -25th ED-Cont.

• Have include some selected text from  API 6DSS-3E issue August 2017.

• TG has agreed to mandatory requirements in API 20E BSL1 and 20F BSL2 in the main text. Also have added as informative annex API 20A,20B,20C, 20D, 20H,20L.

• TG very close to adding a new informative Annex F on Design Validation testing.
API 6D -25th ED-Cont.

• TG to review at next meeting possible including some selection text from IOGP JIP33 - S562 on 6D ball valves.

• TG has added new informative annex on items/processes when required by the purchaser that were in the main text in previous editions of 6D.
6DSS 3rd Ed. Subsea pipeline valves

• Publish August 2017 with effective date of August 1, 2018

• This addition has mandatory requirements for API 20E BSL2 and 20F BSL2

• Addendum ballot closed in mid-December 2018. Only 15 voted and 12 not voting with no negatives and only 14 total comments. A comment review TG meeting with take place End Jan. 2019 in Houston.
6DSSX 1st Ed. Actuator Sizing for Subsea pipeline valves

• Completed 2 meetings in 2018.

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

• First ballot returned with 189 comments. Comments were resolved on Q4, and document is being updated.

• Expect re-ballot Q1 2019.
6DX 2nd Ed. Actuator Sizing for pipeline valves

• Task Group formed and has met twice in Q3 2018 and once so far in Q1 2019.

• Next meeting TBA.

• Using API 6DSSX as template for major revision.

• Participation has been light, but acceptable progress is being made.
Fire Type Testing Standards

- 6FA 4th Ed – Fire Test Valves – Published June 2018 and revised with new re-organization to text and new Annex A on non-metallic seal qualification.

- Possible addendum or full revision in 2019 to include testing steps for API 6D-check valves.
Fire Type Testing Standards –Cont.


• 6FD 1st Ed.- R2013 Sept. Fire Test Check Valves- Standard was reviewed by TG with 2 meetings in 2018. Recommendation is not to fully revise this standalone document, but include the testing steps to 6FA-4th edition as addendum or full revision.
Repair and Remanufacturer of Pipeline Valves

• 6DR 3rd Ed.- Repair and Remanufacturer of Pipeline Valves

TG has started work on the revision and held (2) TG meeting in 2018. As this standalone document is not referenced in any other specification or US Federal regulation. TG has recommendation not issue a full standalone document, but request API 6D-25E to include the content in an informative annex.
API 6D HP- Pipeline Valves for High Pressure Service

• 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 features similar to API 6A-21E with PSLs and design validation.

• New SR3 issue to CSOEM during Winter meeting in San Antonio 2Q18. Looking for a new TG Chairman and Vice Chairman to proceed with this process.
API 6D HP- Pipeline valves for High Pressure Service –cont.

• 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.
Questions?