API 6AV1 Standard 3rd edition
API-SC6 2018 Summer Conference
01 March 2018
Introduction

Forming TG to work on 6AV1 3rd edition

- Announced in 2017 API Summer Conference
  - 5 years expiration of API Specification 6AV1 2nd edition, February 2013
  - Change of API-6A 21st edition that will remove Annex I

- CSOEM approved for the work

TG

- 14 members.
- Meetings were synchronized with API 6A 21st (draft) of Safety Valves
Safety Valves

- Surface Safety Valve (SSV), Underwater Safety Valve (USV) and Boarding Shutdown Valve (BSDV)

3 Service Classes: Class I, II and III. Validation requirements:

<table>
<thead>
<tr>
<th>Service Class</th>
<th>Design Validation Testing</th>
<th>6AV1 Sand Slurry Testing</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>PR2F</td>
<td>Not Required</td>
</tr>
<tr>
<td>II</td>
<td>PR2F</td>
<td>API 6AV1 Class II</td>
</tr>
<tr>
<td>III</td>
<td>PR2F</td>
<td>API 6AV1 Class III</td>
</tr>
</tbody>
</table>

Other requirements

- End connectors, product marking, actuator, heat sensitive lock-open devices, shipping report, etc.
API-6AV1 Standard 3rd edition (draft)

Ballot #4336 (Jan-2018)
- **Document Title**: “Validation of Safety and Shutdown Valves for Sandy Service
- **Scope**: intention of the tests for SSV USV and BSDV applications
- “Safety Valve” words replaced “SSV/USV” to include BSDV
- Clarify “substantive change to the valve bonnet assembly” to read “substantive change to the valve stem seal”.
- **Test agency to conform to ISO 17025**: not API certified facility
- Change **document format** to meet API style guideline

Ballot Response rate 79% (>50%). Approval Rate 94% (>= 66.69%). Consensus YES
83 ballot comments

Ballot # 4452 (April-2018)
Ballot Response rate 82% (>50%). Approval Rate 100% (>= 66.69%). Consensus YES
31 ballot comments
- Editor and to align with other specifications

**Final edit is being circulated to voting group for final approval before publication**
Q&A