Meeting Minutes

I. Introductions and Record of Meeting Attendance

Chairman James Hebert called the meeting to order at 1:31 pm.

II. Announcements

One attendance sheet will be used for both the Gate, Globe, and Check Valve meeting and the Quarter Turn and Valve Quality Meeting.

III. Approval of Agenda

No corrections or additions were requested for the agenda. A motion was made and seconded to approve the minutes. The motion passed unanimously.

IV. Approval of Minutes of Last Meeting

No corrections or additions were requested for the previous meeting minutes. A motion was made and seconded to approve the minutes. The motion passed unanimously.

V. Standards Activity

- API RP 591
  i. 6th edition was published April 2019

- API 598
  i. 10th edition was published October 2016. Currently looking for a replacement for Mark Fleet as the Task Group chair.

- API 599
  i. 7th edition was published January 2013. Next revision is in publishing with API.

- API 607
  i. 7th edition was published June 2016.
  ii. Bill Patrick provided an update. The Task Group meeting is scheduled for Wednesday at 10:30 am. 45 comments from the Task Group and inquiries were received and the meeting will address the plan and path forward.

- API 608
  i. 5th edition was published November 2012. The next revision is in final publishing with API.
• **AP 609**
  
i. 8th edition was published February 2016.
  
ii. Gobind Khiani provided an update. The Task Group had to cancel the scheduled meeting due to there being an open ballot on the next revision. Gobind provided an update of the proposal highlights for the next revision. The current ballot is open until November 28, 2019.
  
iii. James Hebert raised question for the materials section that was added.
  
iv. David Bayreuther clarified it was to add clarity for components which may be of a different material or form than the body.
  
v. Simone Brevi raised a question if the API 609 Task Group is seeing a need to further define the triple offset valves based on different service applications such as cryogenic, severe service, high temperature, etc... There are multiple different product types that are all triple offset butterfly valves.
  
vi. James Hebert asked for clarification if the question was for different categories based on application.
  
vii. Ray Bojarczuk commented he agrees with comments from Simone. Triple offset began to be used in place of gate valves for better leakage performance. API 609 requires test to API 598, where as many triple offset valves are often being utilized for performance of zero leakage.
  
viii. James Hebert suggested to have the Task Group go back and create wording for a more rigorous definition and requirement for triple offset valves.
  
ix. David Bayreuther mentioned that comments should be added to open ballot to address the triple offset concern.
  
x. Charles Steffes commented that more stringent testing could be added to API 598 since that is the test standard and API 609 is the design standard.
  
xii. David Bayreuther stated that API 598 has a mistake on how some API 609 valves are tested due to recent requirement changes.
  
xii. Steve McJones commented to have the new API 598 Task Group work with API 609 to address accordingly.

• **API 615**
  
i. 2nd edition was published August 2016. Ray Bojarczuk is the Task Group chair and the group is currently working. Ray commented there has been very little input for changes on the next edition. He stressed that input is required to update the document with more information and asked for all in subgroup to provide support if there are any sections that can be expanded on.
  
ii. The Task Group meeting is scheduled for Tuesday afternoon.
  
iii. Luke commented that all members may not have a copy of API 615. He asked if a tech ballot version could be distributed for comment. Steve McJones stated he would enter a request to have the API associate send the document.
• **API 641**
  i. 1st edition was published October 2016. The Task Group chair Loic Deneuville provided an update.
  ii. Planned changes were reviewed
    1. A scope extension to NPS 48 (currently at NPS 24)
       a. Rational: to cover expanded scopes of design standards
    2. A scope extension to ¼ turn valve with rising stem.
       a. Rational: Market demand as no API fugitive emissions test standards cover these designs.
    3. Testing with stem in horizontal position for butterfly valve
       a. Rational: Many fugitive emissions testing failures are seen in stem side loading.
    4. Add an option high test temperature
       a. Rational to match API 624
    5. Allow partial testing for qualification extension in case of live loading addition.
       a. Approach already under implementation for API 624
    6. Valve group classification simplification.
       a. Current grouping is complex. Some safety concerns related to methane pressure restrictions are removed.
       b. Reduction from 6 groups to 2 groups
          i. Type 1 for valves with temperature rating equal or greater than 500°F and pressure rating greater than or equal to 100psig
          ii. Type 2 for valves which have a maximum temperature rating less than 500°F or pressure rating at 500°F is less than 100psi
    7. The Task Group meeting was rescheduled to 1:00 pm on Tuesday.

**VI. New Business**

1. Matt Allen provided a presentation showing thermal readings at different points on valves in comparison to the process temperature.
   a. A FLIR E53 camera was utilized
   b. Bill Patrick asked if any measurements of the stems were taken.
      i. Matt stated the stems were reading so cool, that no measurements were taken. A review of the pictures showed the stems are visually much cooler.
   c. Ken Felder stated Valero did similar testing in July. They saw approximately 30% delta between the packing gland and the stem. One of Matt’s photo showed approximately 50% delta between stem and packing gland interface area on a 8” 600# 715°F steam valve.
d. Matt clarified these were all stabilized valves in service. Majority of valves were open. Matt Wasielewski asked if any of the valves were in the fully backseated position. Matt Allen stated he did not have that information available.

VII. Next Meeting

The next meeting is scheduled to take place in New Orleans, LA on April 20, 2020.

VIII. Adjournment

A motion of adjournment was made, seconded, and unanimously passed. The meeting was adjourned at 3:26 pm.

Respectfully submitted,

Jason Legendre