Draft MINUTES

for
Meeting of the

API SUBCOMMITTEE 6 ON VALVES AND WELLHEAD EQUIPMENT

Summer 2010 Meeting on Oilfield Equipment and Materials of the

AMERICAN PETROLEUM INSTITUTE
Exploration and Production Standards Conference on Oilfield Equipment and Materials
Hyatt Regency Washington on Capitol Hill, Washington, DC, USA
Thursday, July 1, 2010

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David Cole, Chairman
Ed Baniak, API Staff Representative
Roy W. Benefield, Secretary

AMERICAN PETROLEUM INSITUTE
Upstream Standards
1220 L Street, NW
Washington, DC 20005
DRAFT 1 Minutes
API Subcommittee 6
Valves and Wellhead Equipment
Summer 2010 Meeting

Yellow - motions passed      Green - attachments      Red - action required
MMSP (Motion Made, Seconded and Passed)
MMS (Minerals Management Services)
NWI (New Work Item)

Date: Thursday, July 1, 2010
Time: 8:30 to 1:00
Location: Hyatt Regency Washington on Capitol Hill, Washington, DC, USA

1. Meeting Opening/Safety Issues – David Cole – Two lists to sign up. Sign on one [attendance list] [See Attachment A], check the other one for accuracy of information. No planned fire drills, but the way out explained.

2. Adoption of Proposed Agenda – David Cole – Items added: 6AF2 questions. NWI by Sterling Lewis. Minimum Temperature issue resolved and can be dropped. MMSP to adopt Modified Agenda.

3. Establish a Quorum– SC6 Membership – Ed Baniak – 15 needed. 16 Present; Quorum established. Let API know if there are changes or errors. This is the balloting list. One vote per company.

4. Ratify the 2010 Winter meeting minutes – David Cole – Winter meeting minutes reviewed. No corrections. MMSP to ratify the minutes of the Winter Meeting.

   a. Ballot 1973 – Technical Report, Metallic Material Limits for Wellhead Equipment Used in High Temperature for API 6A and 17D Applications (this is the AWHEM report and has been designated 6MET) closed 4/20/2010 (Closed with comments to addressed by Austin Freeman later in meeting.)

6. Other Document Actions 2009/2010 – Ed Baniak – Reviewed the document list for API SC6 that need to start looking at 2006 documents now [Ed Baniak will maintain the review list on the API website]. Start the work, if needed, on these documents now so no delay when reaffirmation is needed.
   a. API Spec 6A718, Errata 1, issued April 2010 (some minor corrections in text and on scale on figures)
   b. API Spec 6D, Errata 4 (includes Errata 1, 2 & 3), issued April 2010 – All errata can be downloaded from the API website at no cost.
   c. Action Needed API RP 6DR, Repair and Remanufacture of Pipeline Valves, 1st Edition (2006) (Including errata previously issued) – Assigned this action to the 6D Task Group who will review and make recommendations by 2011
   d. Action Needed API RP 6HT, Heat Treatment and Testing of Large Cross Section and Critical Section Components, 1 Edition (2005) 6HT needs action. May have to re-ballot, depending on nature of changes. MMSP to reaffirm RP 6HT with a short ballot. MMSP to form a new work group to review 6HT pending the review and revision of the document and refer to task group for possible revisions. Committee appointed to evaluate the document for required changes: Joel Russo [Chairman], Tim Haeberle, Gary Kingry, Troy Powell, Kris Ohman.

7. Report/Updates from task groups / liaisons
a. ISO 10423 – Ries Langereis – Reported on status and issues being worked: Repair issues using reference to OEM vs OPD. Noted that the change was made from OEM to OPD due to safety and API legal issue/Monogram program issues. Noted that OPD is stricter than OEM. Castings vs. forgings at high PSL is an on-going issue and being addressed by the group responsible for the US National Adoption of the document as the next API Spec 6A.

b. PER15K – Ken Young – A report on the impact of PER15K on equipment under SC6 jurisdiction was presented [See Attachment B]. The PER15K technical report has been balloted, comments being resolved addressing issues with MMS 260,807 equipment above 15,000 and 350 degrees, design verification and validations, recommendations on materials. May be issued as a technical report. But there are things that should be addressed in 6A. Sterling Lewis pointed out that this should be coordinated between the subcommittees as a joint effort. Brian Skeels will be initiating something on this subject for SC17. Each SC needs to evaluate how to include the recommendation from PER 15K document to address HPHT equipment. A common approach is needed between the SCs. Two or three people needed from each SC to participate in planning the solution. MMSP that SC6 appoint a workgroup to participate. (John McCaskill, Ken Young, and Jean Brunjes) Motion passed.

c. National Adoption of ISO 10423 as API Spec 6A, 20th Edition – Eric Wehner – A report of that task group that met on June 16, 2010 was given (See Attachment C). Reviewed ballot comments. 3 negative votes issued with comments. The issues were discussed as follows: Implementation of referenced documents, ASTM A703 reference, nuts for insulated flanges, [Recommends a NWI for H2S service nuts], use of L7M nuts, flange design, design acceptance criteria from John Fowler (Recommend NWI on design acceptance criteria), bolting design criteria, castings for PSL 3/3G, pressure-controlling parts (NWI recommended to review definition and requirements for pressure-controlling and pressure-containing parts), table reference error, SSV/USV designation, new temperature ratings, Use of HPVR plugs for < 15,000 psi [Recommends NWI to establish VR/HPVR standards, with revisions as appropriate], Spec 6AV requirements, Annex J Scope, VR and HPVR thread gauging MMSP to accept the recommendations of the Ballot Revision Task group. This will require re-balloting of the technical changes and include a regional annex. Motion Passed. The ballot review task group is to develop the document of these changes for ballot for a regional annex. MMSP to develop the regional annex document for ballot. Motion passed. There was discussion on the need for a new work item on H2S service nuts. 2HM nuts are allowed (but not required) in the document at this time. The SC declined to initiate a NWI on bolting. The recommendation on Design acceptance criteria should be include with the SC6 work group on PER 15K. MMSP to table the issue on Design Acceptance Criteria until PER 15K is resolved. Motion passed. NWI to review the welding/material/QA requirements for Pressure-controlling/containing parts was considered. MMSP to table this issue until a more appropriate time. The scope of the NWI on Use of HPVR plugs for <15 ksi and related issues. AWHEM has done some work on this and can propose revisions. MMSP to for a work group to evaluate the AWHEM proposal for the VR plug changes. Work Group volunteers are: Sterling Lewis, Bob Barnett Ch, Jimmy Hashem, David Zold, Stephen Smith, Tom Lambert. Motion passed.

d. Use of Castings – Sterling Lewis – (See Attachment D) Report was made on the use of castings for PSL 3. A Standards Resource & Research Request Form was submitted on this. This will be a three year, $140,000 project.

e. Pipeline Valves – Rick Faircloth – (See Attachment E) The Task Group recommended and 4 month ballot time to review the proposed new annex on 49CFR192/95 compliance issues. There was also a proposal by Henry Wong that there be a Design Validation Procedure (performance verification testing) similar to Annex F in 6A for 6D products. MMSP to submit new Annex to meet DOT (regional) for ballot. The ballot is requested to have a four month ballot time. Motion passed.

f. API 6AV1 – Austin Freeman – A work group report was given. Austin discussed with MMS the possibility of moving the requirements from 6AV1 into 6A. MMS has not yet responded. Item is to be tabled until MMS responds. 6AV1 should continue as a viable document for the near future.

g. Technical Report API 6MET (New) [former AWHEM Reports Phases 1 thru III] – Austin Freeman – Report was given on revisions and recommendations. A completed report is expected soon.

h. API 11IW – Keith Rhodes – Nothing reported.

i. Material Test Labs – Tim Haebeler – (See Attachment F) The sense that this item is recommended for consideration in SC18 it will be dropped from the SC6 agenda.
j. Other Material Standards – Tim Haeberle - [See Attachment G] Standards for CRA’s was discussed with no need for additional such standards. This issue can be dropped from the SC6 agenda.

8. New Business
   a. Error in Charts of API TR 6AF2 – Ken Young and David Cole – Question from a user looking 6AF2 concerning accuracy of some charts. They have been found to be incorrect. Funds ($60,000) have been requested to develop the date to regenerate these charts. The two charts should be removed by ballot until the correct ones can be included. MMSP to ballot withdrawing the two incorrect charts. This will be a three week ballot. Motion passed. MMSP to spend the $60,000 to run the analysis to develop correct the charts. Motion passed.
   b. Define a basic set of quality control requirements for “generic” pressure controlling parts – Sterling Lewis – This issues has be previously addressed in this meeting [See Attachment H].
   d. Overview of API 20C – Gary Devlin – Update was given. [See Attachment I]
   e. VR Plugs - Allow use of HPVR plugs in low pressure – David Zollo and Bob Barnett – This item was previously handled in this meeting.
   f. David Cole announced that this would be his last meeting as chair. New SC6 chair will be Sterling Lewis and vice-chair will be Kris Ohman

9. Next Meetings:
   a. SC6 Meeting (Houston, February 2011) in lieu of API Winter Standards Conference in Ft. Worth, TX (January 24-28, 2011) Date and place to be decided later. Sterling Lewis will be the new SC6 Chair. Kris Ohman with be the Vice Chairman.
   b. API Summer Standards Conference in San Francisco, CA (June 27-July 1, 2011)

10. Adjourn