REPORT
for
Meeting of the
American Petroleum Institute

SUBCOMMITEE ON
VALVES & WELLHEAD EQUIPMENT
(API C1/SC6)
at the
1999 Standardization Conference
of the
Exploration & Production Department
AMERICAN PETROLEUM INSTITUTE

New Orleans Marriott Hotel
New Orleans, Louisiana

June 16, 1999

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George Huntoon, Chairman
Roy W. Benefield, Secretary

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The meeting convened at 1:00 PM on Wednesday, June 16, 1999, at the New Orleans Marriott Hotel.

1. OPENING REMARKS - Mr. George Huntoon, chairman.

- Call to Order - The meeting was called to order by Mr. Huntoon, chairman of SC6. A quorum was not present and all formal actions were to be done by letter ballot to the full membership.

- Attendance Record - A Record of Meeting Attendance was circulated for sign up. See Attachment 1. Sixteen of the forty-one committee members were present. Twenty members were needed for a quorum.

- SC6 Work Item Status - Mr. Huntoon presented the agenda and made opening remarks. He stated that the focus of the meeting would be on ISO DIS 10423.

He presented the Status of SC6 Work Items as shown in the attachment of the agenda. A revised work status report is shown in Attachment 2 for existing work and items discussed during the meeting. The attachment served as the report for Committee 1.

2. STATUS OF ISO 10423 AND API/ISO CORE DOCUMENT PLAN - Mr. George Huntoon and Gerry Janszen, ISO/TC67/SC4/WG3 Convenor

- Mr. Janszen presented the status of ISO DIS 10423 and explained the results and comments from the past ballot. The comments will be included in the next ballot of ISO DIS 10423. This 2nd ballot will be due by November 1999. The FDIS ballot will be due in March 2000. Core document work will begin at that time.

- Mr. Huntoon discussed the expectations, timeline and ISO 10423/API issues. See Attachment 3. Some of these items will be addressed at the Winter Work Meeting in January or February 2000. A “straw-vote” was taken of the members present concerning acceptability of the ISO 10423 as a replacement of API 6A. It was generally agreed that the ISO document would be acceptable as a replacement of API 6A when it is finally approved in 2000.

- Mr. Huntoon reported that API 6A, 17th Edition, Supplement 1 would be reprinted in its entirety with all new changes that have passed ballot. This is in lieu of printing just the insert pages.

3. GENERAL ISSUE - Mr. Roy Benefield
87-6901 Research Project Funding (No active projects; no new proposals submitted).

- Mr. Benefield reported that the Segmented Flange Capacity Evaluation and the 5 1/8”- 10K Flange Capacity Analysis would need consideration for funding in 2000.

87-6902 Re-evaluation of Standards (API S1, Par. 5.10.1)

- API 6AM, Material Toughness, 2nd Edition, September 1, 1995 was assigned to the Materials Task Group for re-evaluation and recommendations.

4. PROPOSED CONSOLIDATION OF FIRE TEST STANDARDS 607 AND 6FA - Mr. George Huntoon reporting.

- Fire Test Standards – Mr. Huntoon reported that the Piping Subcommittee of the API Committee on Refinery Equipment has presented a proposal for consolidating Fire Test Standard 607 and API Spec 6FA at the 1998 Conference. Since then, action has been taken to make Standard 607 into an ISO document (ISO 10497) and combine some of the requirements. Mr. Huntoon said that this item would remain on the agenda until the ISO document was in draft form.

5. PIPELINE VALVE ISSUES - Mr. Rick Faircloth (See Attachment 4)

- Mr. Faircloth reported on the three ballot items 6D-9906-1, 6D-9906-2, and 6D-9906-3 as shown in Attachment 4. Motion was made, seconded and passed to approve these items for ballot and incorporation in API Spec 6D, as recommended in Attachment 4.

  **ACTION:** SC6 officers will issue letter ballots on items 6D-9906-1, 6D-9906-2, and 6D-9906-3 as shown in Attachment 4.

  Note: the ballot will be issued in a separate mailing to SC6 V6D members

6. WELLHEAD ISSUES - Mr. Tim Haeberle

- VR Plugs – Mr. Roy Benefield reported that an AWHEM task group was checking the final details of the VR plug and preparation dimensions. He reported that the AWHEM recommendation would be sent directly to the ISO work group since they made the request.

87-6111 6A Revisions/Corrections Task Group - Mr. George Hill.

Mr. Hill reported on the 6A Revisions/Corrections Task Group.
Annex K – Mr. Hill reported that the Annex K review has been done. The work item can be closed.

87-6112 Design Task Group - Mr. Jean Brunjes (See Attachment 5)

- **Segmented Flanges** – Mr. Brunjes reported that the analysis had been completed. Motion was made, seconded and passed to accept the task group recommendation to test the 3” segmented flange and to accept the statement “These flanges shall not be used in hydrogen sulfide service”, as recommended in Attachment 5.

  Action – SC6 officers will request funding for the 3” segmented flange test.

- **5”-15K Flange** – It was reported that this item has passed ballot for inclusion in the supplement of API 6A. However the capacity charts for API Spec 6AF2 are required. The Motion was passed to get funding for analysis work on capacity charts for inclusion in API Spec 6AF2.

  Action – SC6 officers will request funding for analysis work on capacity charts for the 5 1/8 – 15 K flange.

- **Bull Plugs** – Motion was made and seconded to increase the working pressure of Line Pipe threads in API 6A because of the requirements for bull plugs currently in field practice. The motion failed.

- **VR Plugs** – Motion was made, seconded and passed to drop work on this item for inclusion in API Spec 6A. It will be included in ISO 10423.

  Action – SC6 Design Task Group will discontinue work on this item. It will be dropped from the agenda.

- **Appendix G** – Motion was made, seconded and passed to discontinue work on this item. It was proposed that the Appendix G is functional as published in API Spec 6A, 17th Edition.

  Action – SC6 Design Task Group will discontinue work on this item. It will be dropped from the agenda.

Heat Treatment Process Control - Mr. George Huntoon

- **New Work Item** - Mr. Huntoon announced that the new work item on Heat Treatment Process Control Requirements has generated some interest and that it be proposed as a new work item.
Motion was made and seconded that a new work item be submitted for a task group to develop a bulletin on Heat Treatment Process Control. After some discussion, motion was made and seconded that the main motion be amended to not do a bulletin, but to propose revisions to ISO 10423 on Heat Treatment Control. The amended motion passed. Mr. Manual Maligas was appointed as task group chairman when Committee 1 approves the NWI. See Attachment 6.

Action – SC6 Officers will propose the NWI to Committee 1. At the C1 meeting this item was approved.

87-6113 Materials Task Group – Mr. Tim Haeberle reported for Mr. Jose Rossi

☐ CRA Overlay – Mr. Haeberle presented a recommendation from the Materials task to revise API 6A chemical analysis requirements for weld metal overlay. Motion was made, seconded and passed to accept the recommendation to ballot the proposed revision. See Attachment 7.

Action – API Staff to issue letter ballot on chemical analysis requirements for weld metal overlay.
Note: The ballot was issued on July 9, 1999

☐ Continuous Heat Treat Furnace – The Materials Task Group made a recommendation to revise API Spec 6A to include requirements for Continuous Heat Treatment. Motion made, seconded and passed to approve the recommendation for ballot. See Attachment 8.

Action – API Staff to issue letter ballot on Continuous Heat Treatment requirements.
Note: The ballot was issued on July 9, 1999

88-6101 Non-metallic Seals Task Group – Mr. Haeberle reported for Mr. John Vicic

☐ API Bulletin 6J – Mr. Haeberle presented a task group recommendation to renew publication of API Bulletin 6J. Motion was made, seconded and passed to ballot renewal of API Bulletin 6J.

ACTION: API staff to issue letter ballot for approval of API Bulletin 6J.
Note: The ballot was issued on July 9, 1999

☐ Tech. Bul. On Life Testing - Mr. Haeberle reported that the task group recommended that the revise Recommended Practice API 6J1 on Elastomer Life Prediction Testing Procedures be re-submitted for letter ballot. See Attachment 9. Motion was made, seconded and passed to accept this recommendation.
ACTION: API staff to issue letter ballot for approval of the Recommended Practice API 6J1. Note: The ballot was issued on July 9, 1999

7. PLANNED SUPPLEMENT TO API SPEC 6A - Mr. George Huntoon

Supplement to 6A – See Agenda Item 2.

8. SUBSURFACE SAFETY VALVES ISSUES - Mr. David Ott

API 14A R/C TG - Mr. Ott reported on the status of the task group items. See Attachment 10.

9. OTHER BUSINESS

Future Standardization Meetings – 77th, June 19-23, 2000, Los Angeles, California, Omni Los Angeles

API 14 H – It was reported that API 14H was issued to support API 14D, which has been withdrawn, and is no longer needed. Motion was made, seconded and passed to withdraw API 14H.

Action – API Staff will issue ballot on withdrawal of API 14H.
Note: After the June meeting it was noted that RP 14H is referenced in MMS regulations. Considering the MMS reference and that portions of RP 14H are still needed to support Spec 6A, it was decided to delay the ballot on withdrawal. A course of action will be decided in the future.

Intermediate Pressure Ratings – A recommendation was made to initiate a new work item to consider intermediate pressure ratings. After some discussion it was decided that this should not be done.

10. ADJOURNMENT

Meeting adjourned at 4:30 P.M.