Meeting Minutes

American Petroleum Institute
SUBCOMMITTEE 16 on Well Control Equipment
Task Group 5 – API Spec 16B

Time   8:00 – 12:00AM
Day  Tuesday
Date June 25, 2019
API Summer Conference New Orleans

Alex Sas-Jaworsky-- Chairman
Steve Deshotels – Vice Chairman
Jessica Lin - Secretary

Meeting Minutes:

The API Anti-Trust Policy Slide was presented and reviewed

See attached Roster for attendance.

A motion was made to accept the API Spec 16B Meeting Minutes of June 13, 2019. This motion was seconded and the Minutes from the last meeting was approved with no discussion

Section 8 - Discussions were held to provide guidance to the committee members that will be providing assistance in the development of Section 8. One major question remaining to be addressed is the ability to adjust the API Monogram to distinguish the completed well control component between WL, CT and snubbing services and the validation testing that was completed to confirm this classification.

Note that in the review of Section 8, several items were found to be different than that seen in the latest Edition of API Spec 16A. It was pointed out that the base document used when API Spec 16B activities commenced was an early draft of Spec 16A and that no work has been done to this date to adjust the relevant issues seen in API Spec 16B to be consistent with API Spec 16A. A comparison check will be made between API Spec 16A and API Spec 16B to make sure that the two documents are consistent.

API 16A 7.5.8.2 This section requires that bonnets/actuators must be serialized. We need to grab the text in the latest version of 16A to update this section. The suggestion was to copy section 7.5.7.2 from Spec 16A and incorporate it into Spec 16B. The changes have been made with a discussion item in the document.

Hardness testing (100% on which components?) - There was some discussion to remove the 100% requirement on components and replace with a batch hardness check per heat treatment. There were arguments made to maintain the precedent set in Spec 6A and 16A.

7.5.2 and 7.5.3 – need to change to 20E requirements. The discussion proceeded to establish whether Spec 16B will adopt Spec 16A bolting BSL’s or if the bolting BSL’s seen in API Spec 6A were more appropriate. As the bolting requirements seen in Spec 16A are more stringent, the decision was made to stay with the current BSL for bolting and not modify to address API Spec 6A PSL’s.

Further, it was noted that the Table for Bolting in Spec 16B needs to be consistent with the work we completed in ANNEX B of API RP 16ST. It was agreed in previous meetings that we would take the work put in from RP 16ST to be consistent in Spec 16B. This change will be made.

Need to review section 7.2.2 (Pressure measuring devices) to make sure we are consistent with Spec 16A. It was pointed out by a Spec 16A TG member that the calibration period was open ended as written. A recommendation was made to cap the pressure measuring device calibration period to a maximum of 12 months (4th Paragraph - 6A is also 12 months).
Also, the 1st Paragraph device accuracy range was corrected to read 0.5% (instead of 1%) to be consistent with Spec 16A.

7.5.8.7.4 - third statement: The 90% of actuator rated working pressure was removed in 16A and will also be removed from Spec 16B.

In the review of Table 23, the term without tension “in the pipe” was changed to be consistent with Spec 16B products (wire, CT, snubbing pipe, etc.). The paragraph was changed to remove the word “pipe” and replaced with “Shearable Item”.

7.5.8.7.5 Change to hydraulic/manual locks

4.7.3.11.2 Considerable discussion was held regarding the minimum actuator function time (close time) for the ram-type fatigue tests. After all concerns were expressed, it became clear that each service category (wireline, CT and Snubbing) would need a Ram Fatigue Test which represented how it would be operated in well intervention service. This item will be brought up in the next Spec 16B meeting to addresses these concerns. We need more discussion and internal vote on moving forward. Note: Spec 16A has changed from requiring an average closing time of 30 seconds for the Fatigue Test to only measuring the operator closing time for one cycle.

Additional Items

Hunting stated that there is an effort within the wireline industry to establish a 12,500 psig service category. The discussion addressed the lack of a 12,500 psig API Spec 6A flange design and that the reduction of service pressure was likely due to the need to have a pressure margin of 2,500 psig available for the Grease Head (to meet the current 15,000 psig pressure ratings. It was also noted that this discussion was had several meetings ago and the decision was made by the WIWC-TG members to stay with the 15,000 psig pressure rating.

Another question was raised as to whether gas testing should be required in Spec 16B for certain categories of service. It was pointed out that this discussion was held (at considerable length) during a previous meeting and it was decided that the 1st Edition of Spec 16B would not include gas testing, but that the 2nd Edition will likely address this issue.

The Meeting adjourned at Noon.