

MONTHLY SOME STEERING COMMITTEE - TELECONFERENCE

Record of Meeting Form

American Petroleum Institute  
1220 L Street Northwest  
Washington , DC, 2005

COMMITTEE: Subcommittee on Mechanical Equipment (SOME)

Meeting : SOME Steering Team

Meeting Type: Web Conference

Joint API/ISO WG Meeting: No

Meeting Minutes Date ; February 16, 2009

Attendance

M	Joe Thorp (Chair)	Aramco
M	John Kocur ( Vice Chair)	ExxonMobil
M	Terry Roehm	Marathon
M	Rich Lewis	Dow
M	Roger Jones	Consultant
M	Roy Craddock	Lyondell Chemical
M	Wes Conner	Fluor
M	Tim Hattenbach	Bechtel
M	Bob Heyl	Chevron
M	Cliff Cook	Consultant
M	Royce Brown	Consultant
M	Mike Rohacek	Consultant
Staff	Gordon Robertson	API

1. All budgeted items submitted in 2008 by SOME have been approved for funding with exception to work on “isoizing” the SP’s which the Project Coordinating Committee will re-evaluate in April due to CRE’s new position on ISO.
  - Need to discuss the CRE’s intent on isoizing ( CC)
  - Benchmarking revealed that “ isoization” will continue in certain TF’s .
  - For those that are active, SP’s may be useful
  - JK stated that the decision to remove “isoization” was clearly stated by the CRE, therefore he is not in favor of further funding along these lines . JT concurred.
  - Define what is to be done by SP on dual references
  - Define how much time this is to take
  - Decide whether this is best handled by Convenor (JT)
2. Two new TI’s on API-610 and API-618 were reviewed by Steers and the following responses will be posted on the SOME website:

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**API-610 8<sup>th</sup> Edition** states the following for NACE services:

2.11.1.11 Renewable wear rings that must be hardened above Rockwell C 22 for proper pump operation are acceptable. When approved by the purchaser, in lieu of furnishing renewable wear rings, wear surfaces may be hardened by the application of a suitable coating.

5.12.1.12b) Renewable impeller wear rings that must be through-hardened above HRC 22 for proper pump operation shall not be used in sour services. Wear rings may be surface-hardened or coated with a suitable coating. If approved by the purchaser, in lieu of furnishing renewable wear rings, wear surfaces may be surface hardened or hardened by the application of a suitable coating.

**Question:** Why is it that for 9 years it was okay to harden wear rings above Rockwell C 22 for Sour Services, then in October of 2004, you cannot supply wear rings above Rockwell 22 C for Sour service?

**Reply:** Users reported failures of through hardened wear rings in sour services.

**API -618 5<sup>th</sup> Edition** "SECTION 1 - GENERAL, Section 1.1 (Scope), Paragraph 1.1.1 states that this standard is for "reciprocating compressors and their drivers used in petroleum, chemical and gas industry services for handling process air or gas". The same paragraph also states that "Compressors covered by this standard are of moderate - to - low speed and in critical services".

**Question:** Does this mean this standard applies to compressors with a maximum running speed of 1,000 rpm or less?

**Reply:** Please refer to paragraph 6.4 for allowable speed requirements.

3. Steers discussed fast tracking certification of vendors in lieu of established "monogramming practices : which has been shown to be ill-suited for CRE Standards due to time , labor and cost to it. API-687 was cited as an example. Steers reviewed a template that was submitted to API for legal review which could be used to collect vendor quality information. Key steps for further development include:
  - Need to develop the appropriate coding by SME's
  - Need to make sure the manufacturer's can't input data
  - Must made in anonymous and peer reviewed ( e.g. Steering Team)
  - Need to establish acceptable formats for data transfer
  - Need to have API Legal Approval
4. Proposed Schedule for the Joint Sessions and TF Meetings in Denver would be:

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Sunday April 26; (4:00 PM – 6:00 PM) – Steering Team  
Monday, April 27; (8:00 AM – Noon) - API-670  
Monday, April 27; (1:00 PM – 5:00 PM) - API-684  
Tuesday, April 28; ( 8:00 AM- 12:00 PM)- API-617  
Tuesday, April 28; ( 1:00 PM – :2:30 PM)- API-617  
Tuesday, April 28; ( 2:30 PM-5:30 PM) – RBI Roundtables  
Tuesday , April 28; 4:30 PM – 6:00 PM) – Steering Team  
Wednesday, April 29; (8:00 AM – Noon) – API-687  
Wednesday, April 29; (1:00 PM -3:00 PM) – API-616  
Wednesday April 29; 3:00 PM -5:00 - SP's  
Thursday, April 30 – API-617 TF Meeting

5. Task Force Chairman are requested to provide room requests by the end of the week to Gordon Roberson with copies to Joe Thorp and John Kocur
6. Roundtables will be set up for SC to attend Tuesday 2:30 PM – 5:30 PM and will focus on RBI for the following possible equipment types ( to be defined later) :
  - Risked Based Inspection for Pumps ( Flowserve & Sulzer)
  - Risked Based Inspection for Seals ( Flowserve) [ RL add compressor seals]
  - Risked Based Inspection for Reciprocating Compressors or Steam Turbines ( Dresser-Rand)
  - Risked Based Inspection For Centrifugal Compressors or Gas Turbines ( GE)
  - TR suggests dividing up this agenda to the Fall
  - CC suggests 30 minute presentation and 20 minutes for questions with 10 minutes to get from one roundtable to another
  - There will be no sign-up sheet required.
7. Roundtables will be purely technical and non-commercial in nature, focusing on the question of fitness for service, machinery inspection methods, remaining life assessments , etc which will address the critical issues of production assurance, availability and safety that is key to our industry.
8. The roundtables will not be staffed by sales people but qualified trainers in machinery all in the framework of our collective mandate to produce API-691.
9. Tutorials would be 1 hour in length ; would be presented 3 times to audiences of between 15 -20 people.
10. It is expected that attendance during the Spring Refining Meeting will not be affected by the proposed changes however Fall Refining numbers are expected to increase due to the greater advertising that will be done between April and September.
11. The following Steers are not expected to attend the Spring Refining Meeting due to travel restrictions.
  - MR
  - RC

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- WC
- LF
- RJ
- RB