Distribution Date:
July 10, 2007

Minutes
American Petroleum Institute
API/ASME IN-SERVICE INSPECTION CODE JOINT COMMITTEE
March 22, 2007
TIEC Training Center
Houston, TX

ATTENDEES:

C. Rodery, CHAIRMAN – BP
R. Armstrong – Monsanto
J. Bustillos – Bustillos & Associates
N. Faransso – KBR
R. Goodman – API
B. Greene – MTI
J. Reynolds – Consultant
R. Smallwood – DNV
K. Smith – ConocoPhillips

1. OPENING AND INTRODUCTIONS

Clay Rodery called the meeting to order. The meeting attendance is documented above and the sign-in sheet is found in Attachment 1.

2. APPROVAL OF AGENDA

Per a request from Kelly Smith, the meeting agenda was amended to include a discussion on the applicability of PRV's. The amended agenda was approved and is provided in Attachment 2

3. APPROVAL OF SEPTEMBER 2006 MEETING MINUTES

The minutes from the September 19, 2006, and January 8, 2007, were approved as distributed.

4. REVIEW OF ACTION ITEMS

The updated list of action items is provided in Attachment 3.

5. REVIEW OF DOCUMENT DRAFT

John Reynolds presented the latest draft of the joint code. Some of the major decisions resulting from this review included the following.

a) Deleting the list of ASME Code exemptions in Appendix A and moving this information to the scope. It was also decided that the term “excluded services” will be replaced by the term “optional services”.

b) Added definitions for the terms “examination”, “integrity operating envelope”, and “major repairs”.

c) Added guidance on establishing integrity operating envelopes and management of change to Section 4.

d) Added references to ASME PCC-3 for RBI.

e) Deleted the 30-day grace period for overdue inspections.

f) Added a list of issues that can affect MAWP to 7.3.1.

The first ballot of this document will be held this summer and comment resolution at the next meeting.

6. NEXT MEETING

The next meeting of the ISIJC is scheduled for July 31 – August 1, 2007, at the TIEC Training Center in Houston, TX.

7. ADJOURNMENT

There being no additional business, the meeting was adjourned at 5:00 p.m.

Respectfully submitted,

Roland Goodman

Roland A. Goodman
goodmanr@api.org

RECORD OF MEETING ATTENDANCE

COMMITTEE **API/ASME ISI Code Joint Committee** CHAIR **C. Rodery**

MEETING _____ TIME **8:30 am – 5:00 pm** DATE **March 22, 2007**

COMMITTEE MEMBERS SHOULD MAKE CHANGES TO THEIR PERSONAL RECORD ON THE ATTACHED ROSTER. VISITORS ADDING NAMES TO ROSTER WILL NOT AUTOMATICALLY BECOME MEMBERS OF THE COMMITTEE.

Indicate BEFORE YOUR NAME if you are:
(M) Member of the Committee in session
(R) Representing a Committee Member (if so, state member's name)
(V) Visitor – ONLY voting members or their Representatives may vote
(S) Staff

↓	NAME (Please Print)	COMPANY/PHONE or email
V	BARRY GREENE	MTI/973-625-0226
V	ROGER ARMSTRONG	MONSANTO
V	JOHN REYNOLDS	SHELL (RETIRED)
S	Roland Goodman	API goodmanr@api.org
M	CLAY RODERY	BP
M	NAT FARANSSO	KBR
V	JUAN BUSTILLOS	B & A
M	ROBERT SMALLWOOD	DNV
M	Kelly J. Smith	COP K.J.SMITH@CONOCOPHILLIPS.COM

THIS FORM MUST BE RETURNED TO THE API STAFF

API standards meetings are open to all interested parties. By participating in the standardization process, you agree: (1) to fully comply with API's policies and procedures governing standards, (2) that once balloted and approved by API, API shall have the sole and exclusive right to use any materials that are submitted by the participant for use in the standard, (3) you will not provide any material that will violate the rights of any third parties including, but not limited to, patents, copyrights, trade secrets, and trademarks, and (4) to disclose the existence of any patented technologies in the material that you provide.

Attachment 2

Agenda

American Petroleum Institute
API/ASME JOINT IN-SERVICE INSPECTION CODE COMMITTEE

8:30 a.m. – 5:00 p.m.
Thursday
March 22, 2007

TIEC Training Center
Houston, Texas

Clay Rodery, Chairman

1.	**CALL TO ORDER, INTRODUCTIONS, & ATTENDANCE SHEET**	C. Rodery
2.	**APPROVAL OF AGENDA**	C. Rodery
3.	**APPROVAL OF PREVIOUS MEETING MINUTES**	C. Rodery
4.	**MTI UPDATE ON INCLUSION OF FRP MATERIALS**	B. Greene
5.	**REVIEW OF PARKING LOT ITEMS**	C. Rodery
6.	**MERGING OF EXISTING API 510 & 570** Review of completed section drafts.	J. Reynolds
7.	**APPLICABILITY OF PRV's**	K. Smith
8.	**NEXT MEETING DATE**	C. Rodery
9.	**ADJOURNMENT**	

American Petroleum Institute

API/ASME JOINT IN-SERVICE INSPECTION CODE

Action Items

Item	Description	Assigned To	Pri	Due
5	Send John Reynolds and Nat Faransso the latest wording for Industry Qualified UT Shearwave Examiner. (is this something other than an approved ballot which RAG will provide in AI#12)	**Jim Riley**	1	May 1
6	Need to include the API Codes Task Group ballot of the terms "intrusive" and 'non-intrusive" inspections for inclusion	**Jim Riley** John O'Brien	2	Refer to API SCI Codes T/G for working
7a	Should the term "progressive inspection" be included in ISIJC (ie B31.3 vs 570 Definition) ie how much more inspection is needed after an inspector finds a flaw, be in an in-service flaw or a repair flaw?	**John O'Brien**	2	Refer to API SCI Codes T/G for working
7	Review API 570 Offplot Piping ballot proposal for definition and requirements to be in ISIJC.	**Jim Riley**	2	Refer to API SCI Codes T/G for working
9	Under repair organization definition, contractor qualification minimum requirements are not defined.	**Jim Riley**	2	Post first edition
12	Provide John Reynolds with all API 510 and 570 approved and potential ballots grouped together so that he will be able to include them in ISIJC.	**Roland Goodman** Jim Riley	1	April 13
13	Consider adding a sentence under 7.3.1 to cover things that may be considered when determining the "applicable" code of construction (original code stress values versus lowered values over time such as low chrome materials; 3.5 design margin since 1999 ASME Code addendum and API 510 7.1 table; fitness for service, joint efficiency factors in original and latest codes, etc.).	Clay Rodery **Jim Riley** John Reynolds	2	Refer to API SCI Codes T/G for working
16	Ask the SC on Corrosion and Materials to include FRP degradation mechanisms in API RP 571 and to consider changing the name of the document to include petrochemical facilities	**Jim Riley** Barry Greene John O'Brien	2	Next API meeting (RAG to send note to SCCM)
17	Consider adding inspector qualification and certification process for FRP	**Juan Bustillos**	2	2007 (working)
23	Review scope section to make sure that this document will be recognized and utilized by MMS	**Roger Duvic**	1	March 1
34a	Integrate the new section 7.3 on Repair Records into the Records and Reports Section 7.8.1c (reformatted number)????	**Bob Smallwood**	1	March 1
36	Resolve the issue of excluding a lot of FRP type services in 1.3.2.2., while adding FRP piping to the code	**John O'Brien**	2	Next edition
37	Add a section 1.3.3 on included and not-included types of PRD's, as a follow-on to the sections on PV's & Piping	**Kelly Smith**	1	May 1
38	Include a definition of IOE (IOW)	**John Reynolds**	1	May 1

Completed Items				
Item	**Description**	**Assigned To**	**Pri**	**Due**
1	Similar to discussion in API Spring meeting; how to handle pressure vessels < 15 psig in ISIJC where they may be excluded by ASME Code limits?	Complete by definition in 2.46	1	Complete
3	ISIJC will recognize an Authorized Equipment Inspector as having both API 510 and API 570 qualifications. API 510 allows NB qualified inspectors to apply for API 510 certification. How to handle this under ISIJC?	**John Reynolds**	1	Complete
4	Include definitions for "examination" and "inspection to be in compliance with ASME.	**Nat Faransso**	1	Complete
10	In UK there is a moratorium period of 6 months past inspection due date (grace or moratorium period); same is being considered in API RP 576 for PSV's with 30 days for overdue, and then beyond that requires engineering/inspector evaluation and documentation, and risk assessment may be applicable. What should ISIJC consider and include for grace periods? John has defined overdue as 30 days.	**Kelly Smith** Jim Riley Mike Badeen Barry Greene John Reynolds	1	Complete – no grace period to be included
11	FRP piping inserts (Juan Bustillos suggested edits reviewed in meeting) to be submitted for inclusion. Must get scope for ISIJC updated through ASME BPTCS (approved) and API CRE (approved).	**Juan Bustillos** John Reynolds	1	Complete
14	What should be done (and included if applicable) for piping systems that are not documented for construction materials and design (similar to Pressure vessel section 7.6.7 minimum documentation requirements)?	**Bob Smallwood**	1	Complete
15	Consider adding audit practices in Section 4 based on requirements in the ISIJC.	**Bob Smallwood** John Reynolds	1	Complete
18	Define requirements for information to be provided to inspection group by other functional groups/personnel in the plant (expansion of 4.2.6?)	**Bob Smallwood**	1	Complete
19	Add a statement about requiring operating limits for all process variables that may affect pressure equipment integrity (if it does not yet exist).	**Bob Smallwood** John Reynolds	1	Complete
20	Create a separate section covering FRP piping for inclusion in the ISIJC.	Barry Greene **Juan Bustillos** Bob Smallwood Roger Armstrong	1	Complete
22	Reference the new sections of PCC-2 wherever applicable	**John Reynolds**	1	Complete
24	Review the section on PWHT alternatives in detail to assure that it applies equally well to piping. (API scorecard 570-041)	**John O'Brien** (Ron Shockley)	1	Complete
25	Forward section on buried equipment to Roland for review by the 651 guys to ensure that it is equally applicable to buried vessels	**John Reynolds**	1	Complete

26	Delete Appendix A, and revise the scope to exclude all equipment not covered by the applicable construction codes in the "excluded or optional section of the scope (1.3.1.3).	**John Reynolds**	1	Complete
27	Roland will send the botched Appendix B of the published ninth edition of 510 to Reynolds to use as a basis for the ISIJC appendix (included now in reformatted version)	**Roland Goodman**	1	Complete
28	John to send the total revised document to Roland to clean up the numbering system	**John Reynolds**	1	Complete
29	Roland to include TOC into draft 1	**Roland Goodman**	1	Complete
30	Include all common NDE acronyms in section 3, but no need to define them.	**John Reynolds**	1	Complete
31	Change references to NDE methods vs techniques to be consistent with ASNT	**John O'Brien**	1	Complete
32	Include a new section 4.2 on MOC (prior to Owner/User Organization Responsibilities) and include a definition of MOC in definitions in addition to the acronym (see items 18/19)	**John Reynolds**	1	Complete
33	Add reference for MTI-129-99, Field Guide to Inspection of FRP Equipment and Piping	**Barry Greene**	1	Complete
34	Clarify difference between corrosion averaging for a LTA and thickenss averaging at test point	**John O'Brien**	1	Complete
35	Resolve the differences between the material to be used for design calculations for piping vs vessels for equipment lacking a design basis	**Roger Duvic** Bob Smallwood	1	Complete
35a	Modify 4.2.4 to indicate that holders inspectors that do not have both certifications (vessels and piping) are only allowed to conduct inspections in accordance with their specific certification	**Roland Goodman**	1	Complete

Priority Legend:

1 = Needed for first edition

2 = Not needed for first edition

Bold faced person in the "assigned to" column has lead role for completion of action item within the agreed upon due date.