

API Ballot Summary Sheet

11/3/2005

Ballot: 43-05: 653-168, Hot Tap NDE & Nozzle Test Pressure

AMS ID: 732

Start Date: 8/26/05

Closing Date: 10/26/05

Associate: Gordon Robertson

Coordinator: Gordon Robertson

Proposal:

Vote Results

<u>Voter</u>	<u>Company</u>	<u>Comments</u>	<u>Vote Results</u>			
			<u>Affirmative</u>	<u>Negative</u>	<u>Abstain</u>	<u>Did Not Vote</u>
134629	Nelson Acosta	HMT Inspection	No	X		
138021	Moraya Al-Gahtani	Saudi Aramco	No	X		
79326	Gregory Alvarado	Equity Engineering Group, Inc., The	No	X		
131617	Joel Andreani	Equity Engineering Group, Inc., The	No	X		
38921	Robert Annett	Alyeska Pipeline	No	X		
73074	Ronald Bailey	American Tank & Vessel, Inc.	No	X		
136219	Mark Baker	Baker Consulting Group, Inc.	No	X		
142888	Chris Bashor	Minnesota Pollution Control Agency	No	X		
134681	Ernie Blanchard	MOSAIC	No	X		
109375	Jerry Boldra	SBC Global	No	X		
22200	Dan Boley	DJA Inspection Services	No	X		
135851	David Bryan	Marathon Petroleum Company LLC	No	X		
134782	Steve Caruthers	Tank Consultants, Inc.	No	X		
154212	Gary Cavey	Conservatek Industries, Inc.	No		X	
7127	Earl Crochet	Kinder Morgan	No	X		
150217	Jody Day	Lide Industries, Inc.	No			X
142685	Domingo de Para	ExxonMobil	No	X		
133403	Jeffrey DeArmond	BP p.l.c. Whiting Refinery	No	X		
146748	Terry Delong	Terasen Pipelines (USA) Inc.	No	X		
133429	Robert Dolejs	UOP LLC	No		X	
128480	Wayne Elliott	Elliott Services, Inc.	No	X		
135965	Kenneth Erdmann	Matrix Service Company	No	X		
128483	Robert Ferrell	The National Board of Boiler & Pressure	No	X		
133207	John Fiore	FTS, Inc.	No	X		
105011	David Flight	Dow Chemical Company	No			X
134870	Laurence Foster	Marathon Ashland Petroleum LLC	No	X		
134880	John Fumbanks	Pond and Company Inc.	No			X

API Ballot Summary Sheet

11/3/2005

Ballot: 43-05: 653-168, Hot Tap NDE & Nozzle Test Pressure

AMS ID: 732

Start Date: 8/26/05

Closing Date: 10/26/05

Associate: Gordon Robertson

Coordinator: Gordon Robertson

Proposal:

133538	Frank Furillo	ExxonMobil Corp.	No	X		
115033	Alan Geis	Colonial Pipeline Company	No	X		
84365	Mark Geisenhoff	Flint Hills Resources	No			X
83689	Ty Hagen	Hagen Engineering International, Inc.	No	X		
133668	Gary Heath	All Tech Inspection	Yes		X	
136619	Robert Hendrix	Eastman Chemical Co	No	X		
70596	Marty Herlevic	James Machine Works, Inc.	No	X		
91812	Peter Hunt	Shell Chemical Company	No			X
89501	N. Jones	Pro-Inspect Inc.	No	X		
93133	Randy Kissell	TGB Partnership	No	X		
26542	Morris Kline	HMT Inspection	No	X		
135705	Owen Konski	Syncrude Canada Ltd.	No			X
75330	Dennis Layman	BP p.l.c.	No	X		
81918	Manfred Lengsfeld		No	X		
135014	John Lieb	Tank Industry Consultants, Inc.	Yes	X		
136274	Thomas Lorentz	AEC Engineering, Inc.	Yes	X		
128476	John Ludman	E.I. Dupont De Nemours & Co.	No	X		
135072	Francis Maitland	Quense LLC	No	X		
113545	James McBride	Petrex, Inc.	No	X		
138401	John McMillan	Mechanical Integrity Inc.	No	X		
139045	Craig Meier	ConocoPhillips	No			X
137255	Carl Mikkola	Enbridge Energy Partners, L.P.	No		X	
131185	Douglas Miller	Chicago Bridge & Iron Company(CB&I)	No	X		
69609	Bhana Mistry	TIW Steel Platework	No	X		
83736	John Mooney		No	X		
92212	George Morovich	TEMCOR	No		X	
136286	Philip Myers	Chevron Corporation	No	X		
132210	David Nasab	Kellogg Brown & Root	No	X		
140695	Richard Nichols	Roddey Engineering Services, Inc.	Yes	X		
139601	John O'Brien	itcSkills	No	X		
82544	John Oleyar	HMT, Inc.	No	X		

API Ballot Summary Sheet

11/3/2005

Ballot: 43-05: 653-168, Hot Tap NDE & Nozzle Test Pressure

AMS ID: 732

Start Date: 8/26/05

Closing Date: 10/26/05

Associate: Gordon Robertson

Coordinator: Gordon Robertson

Proposal:

82270	Robert Pechacek	General Electric Inspection Services, In	No	X	
5193	Richard Pinegar	Cargill Inc.	No		X
102412	Roy Ralph	Petro-Canada	No	X	
10929	John Reynolds	Shell Global Solutions (US) Inc.	No	X	
135169	Michael Richardson	International Paper	No	X	
102879	James Riley	Chevron Corporation Energy Technology	No	X	
73744	Bruce Roberts		No	X	
102884	Joe Don Sanders	Lyondell Citgo Refinery	No		X
134414	Roy Schubert	Shell Canada Ltd.	Yes	X	
138135	Michael Shallis	Longview Inspection, Inc.	No	X	
101360	Marilyn Shores	Sunoco Logistics	No	X	
145484	Ryan Sitton	Berwanger, Inc.	No		X
132992	Robert Smallwood	DNV USA	No	X	
78185	Kelly Smith	ConocoPhillips	No	X	
126019	Larry Speaks	Mass Technology Corporation	No	X	
73144	Kenneth Tam		No	X	
134314	Tearle Taylor	Flint Hills Resources	No	X	
134325	Donald Thain	Shell Global Solutions (US) Inc.	No	X	
137459	Roland Valdes	Inspection Solutions, LLC	No		X
145034	Leith Watkins	Explorer Pipeline Company	No		X
145896	Alan Watson	A.R. Watson, USA	No	X	
134558	John Watson	The Dow Chemical Company	No	X	
135619	Steven Wells	Capstone Engineering Services, Inc.	No		X
132209	Richard Whipple	Fluor, Inc.	Yes	X	

API Ballot Summary Sheet

11/3/2005

Ballot: 43-05: 653-168, Hot Tap NDE & Nozzle Test Pressure

AMS ID: 732

Start Date: 8/26/05

Closing Date: 10/26/05

Associate: Gordon Robertson

Coordinator: Gordon Robertson

Proposal:

	<u>Affirmative</u>	<u>Negative</u>	<u>Abstain</u>	<u>Did Not Vote</u>
Balloting Totals:	64	1	4	13

Total Responses:	69			
Total Ballots:	82			
Response Rate :	78%		Must be > 50%	
Approval Rate:	98%		Must be > 67%	
Consensus:	YES			

API Ballot Summary Sheet

11/3/2005

Ballot: 43-05: 653-168, Hot Tap NDE & Nozzle Test Pressure

AMS ID: 732

Start Date: 8/26/05

Closing Date: 10/26/05

Associate: Gordon Robertson

Coordinator: Gordon Robertson

Proposal:

API Ballot Comments Sheet

11/3/2005

Ballot: 43-05: 653-168, Hot Tap NDE & Nozzle Test Pressure

Start Date: 8/26/05

Closing Date: 10/26/05

AMS Ballot ID: 732

Associate: Gordon Robertson

Coordinator: Gordon Robertson

Proposal:

133668 Gary Heath

All Tech Inspection

Specification Section

Type

Comment

Suggested Change

Technical 653,12.1.2.3 does not specify any NDT requirements, other than method.

at a minimum address the NDT requirements in Appendix "F".

135014 John Lieb

Tank Industry Consultants, Inc.

Specification Section

Type

Comment

Suggested Change

Figure 9-7

Editorial Note 2 should read similar to that suggested below:

"Reinforcing plate dimensions are as given in Table 3-6."

136274 Thomas Lorentz

AEC Engineering, Inc.

Specification Section

Type

Comment

Suggested Change

Figure 9-6

Technical The dimension "W" as shown in the REINFORCING PLATE DETAIL, is not consistent with the definition of "W" as given in the referenced API 650 table 3-6.

Modify the sketch to eliminate the reference to "W". Show the diameter of the reinforcing plate to be Do. Show the location of the tell-tale hole to be located an equal distance on the width of the reinforcing plate. Change the two dimensions labeled "1/2 in W" to "equal".

API Ballot Comments Sheet

11/3/2005

140695 Richard Nichols

Roddey Engineering Services, Inc.

<u>Specification Section</u>	<u>Type</u>	<u>Comment</u>	<u>Suggested Change</u>
9.14.5.3	Technical	Shouldn't the "H2" dimension be above the hot tap? Consider changing the units used in the pneumatic test formula to feet and pounds/cubic foot rather than inches and cubic inches (i.e., I had to calculate the density of water in pounds per cubic inch).	H2 = Height of tank shell above the hot tap location (ft) G = Specific... XX = Density of water (lbf/ft ³)

-1 John Patterson

ConocoPhillips

<u>Specification Section</u>	<u>Type</u>	<u>Comment</u>	<u>Suggested Change</u>
9.14.5.3	Technical	change last sentence so as to allow hydrostatic or pneumatic test of the nozzle rather than require pneumatic test only	The required pressure for the pneumatic or hydrostatic test shall be at least the value computed by the following formula

134414 Roy Schubert

Shell Canada Ltd.

<u>Specification Section</u>	<u>Type</u>	<u>Comment</u>	<u>Suggested Change</u>
9.14.5.2	Technical	Instead of care to be taken to limit heat input, clarity around using an approved and qualified Welding procedure for the hot tap that identifies heat input for the shell thickness.	

API Ballot Comments Sheet

11/3/2005

-1	Douglas Stelling	ConocoPhillips Bayway Refinery B.O.B. S318	
Specification Section	Type	Comment	Suggested Change
Proposed 9.14.5.3	Technical	1)I suggest referring to Par. 5.3.4 in API 650 rather than just API 650 would be helpful since API 650 is a large document. 2)I recommend revising the wording to so as not mix pressures that are normally given in psi or kPa with heads of liquid in which are given in inches, feet or meters of water or some other liquid. There is no need to give an equation which will and then require conversion factors, etc.	I suggest rewording as follows: After the reinforcing plate has been welded to the shell and non-destructively examination carried out, the pad shall be pneumatically tested by the procedure described in API 650 paragraph 5.3.4. After the valve has been installed on the flange, a pressure test shall be performed on the nozzle prior to mounting the hot tap machine. The pressure test shall be to pressure at least 1.5 times the maximum pressure to which the hot tap nozzle will be subject to in service.
132209	Richard Whipple	Fluor, Inc.	
Specification Section	Type	Comment	Suggested Change
Para. 9.14.5.4	Technical	It is unclear whether para. 9.14.5.4 will be dropped from the section.	Add a sentence that para. 9.14.5.3 will remain unchanged.

API Ballot Comments Sheet

11/3/2005
