

API Ballot Summary Sheet

3/23/2005

Ballot: 25-05: 653-187, Define Requirements for Major Bottom Repair

AMS ID: 627

Start Date: 1/24/05

Closing Date: 3/14/05

Associate: Roland Goodman

Coordinator: Valeen Young

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	IMC-Phosphates	No	X		
109375	Jerry Boldra		No			X
22200	Dan Boley	DJA Inspection Services	No	X		
135851	David Bryan	Marathon Ashland Petroleum, LLC	No	X		
130397	Jerry Burke	GE Panametrics	No			X
134782	Steve Caruthers	Tank Consultants, Inc.	No	X		
7127	Earl Crochet	Kinder Morgan	No	X		
132217	Dwayne Davis	Stone & Webster, Inc	No			X
142685	Domingo de Para	ExxonMobil	No	X		
133403	Jeffrey DeArmond	BP p.l.c. Whiting Refinery	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
133538	Frank Furillo	ExxonMobil Corp.	No			X

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115033	Alan Geis	Colonial Pipeline Company	No	X	
84365	Mark Geisenhoff	Flint Hills Resources, LP	No	X	
83689	Ty Hagen	Hagen Engineering International, Inc.	No	X	
133668	Gary Heath	All Tech Inspection	No	X	
136619	Robert Hendrix	Voridian Engineering & Construction	Yes	X	
70596	Marty Herlevic	James Machine Works, Inc.	No	X	
91812	Peter Hunt	Shell Chemical Company	Yes	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.	No	X	
136274	Thomas Lorentz	AEC Engineering, Inc.	No		X
128476	John Ludman	DuPont Engineering Technology	No	X	
135072	Francis Maitland	Quense LLC	No		X
78399	David Martin	Conservatek Industries, Inc.	No	X	
113545	James McBride	Petrex, Inc.	No	X	
138401	John McMillan	Mechanical Integrity Inc.	No	X	
146748	Tim McMullen	Terasen Pipelines (USA) Inc.	No	X	
139443	James McVay	Tesoro Petroleum	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)	Yes		X
114038	Ron Miller	Physical Acoustics Corporation	No		X
69609	Bhana Mistry	TIW Steel Platework	No	X	
83736	John Mooney		No	X	
92212	George Morovich	TEMCOR	No	X	
136286	Philip Myers	ChevronTexaco Corporation	No	X	
132210	David Nasab	Kellogg Brown & Root	No		X

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140695	Richard Nichols	Roddey Engineering Services, Inc.	No			X	
139601	John O'Brien	Innovative Research Consultants	No				X
82544	John Oleyar	HMT, Inc.	No				X
82270	Robert Pechacek	General Electric Inspection Services	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	Yes			X	
102879	James Riley	ChevronTexaco Energy Technology Cor	No	X			
73744	Bruce Roberts		Yes	X			
102884	Joe Don Sanders	Lyondell Citgo Refinery	No				X
77480	Clinton Schulz	Citgo Refining & Chemical Co.	No				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.	No				X

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Proposal:

	<u>Affirmative</u>	<u>Negative</u>	<u>Abstain</u>	<u>Did Not Vote</u>
Balloting Totals:	56	2	3	24

Total Responses:	61			
Total Ballots:	85			
Response Rate :	66%		Must be > 50%	
Approval Rate:	97%		Must be > 67%	
Consensus:	YES			

API Template for Ballot Comments and Resolution

Ballot ID: 627	Date: March 23, 2005	Document: Ballot 25-05: 653-187
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#	(1) Voter/ Commenter	(2) Company	(3) Section No. (e.g. 3.1)	(4) Type of comment	(5) Comment (justification for change)	(6) Proposed Change	(7) Comment Resolution
1	Bruce Roberts			Technical	<p>The wording seems confusing.</p> <p>f. The installation of a new bottom (The work described in 12.3.2.5 is not considered to be the installation of a new bottom.).</p> <p>(All remaining text from current 3.X, Subpara. f. to be incorporated into new 12.3.2.5 as below).</p> <p>g. (No changes).</p> <p>h. (No changes).</p> <p>12.3.2.5 Bottom Repair by Replacement of Plates Outside Critical Zone</p> <p>Portions of new bottoms (any or all rectangular plates or large segments of plates) in tanks may can be replaced where the foundation subgrade under the new plates is disturbed replaced found to be in a condition acceptable to the authorized inspector or is restored to such condition and either conditions 1 or 2 below are met:</p> <p>1. For tanks with annular rings, the annular ring and the area of support under the annular ring (concrete foundation or grade material) within the critical zone remains intact. See 3.9 for a definition of the critical zone.</p> <p>2. For tanks without annular rings, the bottom plate replacement does not result in welding on the remaining bottom within the critical zone and the shell and bottom support in the critical zone remains intact. See 3.9 for a definition of the critical zone.</p>		

NOTE Columns 1, 2, 4, 6 are compulsory.

API electronic balloting commenting template/version 2002-12

API Template for Ballot Comments and Resolution

Ballot ID: 627	Date: March 23, 2005	Document: Ballot 25-05: 653-187
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#	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Voter/ Commenter	Company	Section No. (e.g. 3.1)	Type of comment	Comment (justification for change)	Proposed Change	Comment Resolution
2	Peter Hunt	Shell Chemical Company		Technical	Attachment (3.X f. 2) refers to 3.7 for critical zone. Should be 3.9 Section 12.3.2.5 condition 1. Prefer sentence eliminates "or restored to such a condition". Leave it to the AI to determine if acceptable		
3	Douglas Miller	Chicago Bridge & Iron Company(CB&I)	12.3.2.5	Technical	The proposed structure of the revised sections is flawed. The definition for major repair (in 3.X.f) reaches out into section 12.3.2 for things EXEMPTED from what is DEFINED as major. But this creates confusion because section 12.3.2 is all about situations that ARE ALREADY DEFINED AS MAJOR for which the h-test can be waived anyway (see first sentence of 12.3.2.1). If the new words proposed for 12.3.2.5 describe a situation that we don't want to define as major, then it does not belong in 12.3.2	For a proper structure we should do one of the following:1) Delete "except as further defined in 12.3.2.5" from 3.X.f. In that case we define all bottom replacements as major but give ways to avoid the h-test.2) A better approach is to keep the exemptions in section 3.X.f so that the qualifying bottom replacements are never defined as major in the first place.	
4	Robert Hendrix	Voridian Engineering & Construction	12.3.2.5	Editorial	By saying "entire new bottom", I become confused. If you mean to refer to a 9.10.2 entire floor replacement, why not say so. If it doesn't mean 9.10.2, then what does it mean?		
5	Michael Richardson	International Paper	General	Technical	All of the alphabetical conditions defining a major repair or alteration identified a measureble quantity except "c". I would seem to me that we should list some minimum area that above this amount would be major.		
6	Larry Hiner	Chicago Bridge & Iron Company(CB&I)	Impact Statement	Technical	Affirmative comment - No problem with the added wording in 4.4.7.1 , however, I don't understand why a reference to API RP 652 has any correlation to the Impact statement on the initial cost of internal lining installation.		

NOTE Columns 1, 2, 4, 6 are compulsory.

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