### API Ballot Summary Sheet

**Ballot:** 26-05: 653-193, Requirements for Floating Roof Repairs  
**AMIS ID:** 628

**Start Date:** 1/24/05  
**Closing Date:** 3/14/05  
**Associate:** Roland Goodman  
**Coordinator:** Valeen Young

#### Proposal:

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<tr>
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<th>Comments</th>
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<th>Negative</th>
<th>Abstain</th>
<th>Did Not Vote</th>
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### Ballot Summary Sheet

**Ballot:** 26-05: 653-193, Requirements for Floating Roof Repairs

**Start Date:** 1/24/05  
**Closing Date:** 3/14/05  
**Associate:** Roland Goodman  
**Coordinator:** Valeen Young

#### Proposal:

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<tr>
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<th>Company/Position</th>
<th>Vote</th>
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<td>Alan Geis</td>
<td>Colonial Pipeline Company</td>
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<td>Ty Hagen</td>
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<td>Robert Hendrix</td>
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<td>Manfred Lengsfeld</td>
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<td>John Ludman</td>
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<td>136286</td>
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<td>Kellogg Brown &amp; Root</td>
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## API Ballot Summary Sheet

**Ballot:** 26-05: 653-193, Requirements for Floating Roof Repairs

<table>
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<th>Start Date: 1/24/05</th>
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**Proposal:**

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<td>John O'Brien</td>
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<td>John Oleyar</td>
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<td>Richard Pinegar</td>
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<td>Roy Ralph</td>
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<td>135169</td>
<td>Michael Richardson</td>
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**Associate:** Roland Goodman

**Coordinator:** Valeen Young

**AMS ID:** 628
API Ballot Summary Sheet
3/23/2005

Ballot: 26-05: 653-193, Requirements for Floating Roof Repairs

<table>
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<th>Start Date: 1/24/05</th>
<th>Closing Date: 3/14/05</th>
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Proposal:

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Total Responses: 62
Total Ballots: 85
Response Rate: 66% Must be > 50%
Approval Rate: 93% Must be > 67%
Consensus: YES
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<th>Comment (justification for change)</th>
<th>Proposed Change</th>
<th>Comment Resolution</th>
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<td>Philip Myers</td>
<td>ChevronTexaco Corporation</td>
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<td>Technical</td>
<td>The wording in this section is still confusing. By the use of the word &quot;shall&quot;, it requires an air leak, vacuum box, penetrating oil, or other test to verify the integrity of the roof. It also allows that a floatation test may replace the aforementioned tests or whether they are required in all cases. It is also not clear as to the extent of the air leak, vacuum box or other testing that must be performed. Does this apply only to new and repaired welds or to all welds? This should be clarified.</td>
<td>Intent should be discussed and appropriate clarifications developed.</td>
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<td>John Lieb</td>
<td>Tank Industry Consultants, Inc.</td>
<td>12.1.10.1</td>
<td>Technical</td>
<td>The wording of this section is unclear as to whether a hydrostatic test may be performed in lieu of an air leak, vacuum box, penetrating oil, tracer gas test, or other applicable non destructive testing method approved by the authorized inspector.</td>
<td>Change to:</td>
<td>As an alternative to b), the authorized inspector may conduct a floatation test.</td>
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<td>Randy Kissell</td>
<td>TGB Partnership</td>
<td>12.1.10.1</td>
<td>Technical</td>
<td>The wording of this section is unclear as to whether a hydrostatic test may be performed in lieu of an air leak, vacuum box, penetrating oil, tracer gas test, or other applicable non destructive testing method approved by the authorized inspector.</td>
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<td>Company</td>
<td>Section No. (e.g. 3.1)</td>
<td>Type of comment</td>
<td>Comment (justification for change)</td>
<td>Proposed Change</td>
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<td>Laurence Foster</td>
<td>Marathon Ashland Petroleum LLC</td>
<td>12.1.10.1</td>
<td>Other</td>
<td>Section 12.1.1 designates who is to perform the examination and by what method. Floating roof repairs should not be different. Requiring the authorized inspector to do the visual exam goes significantly beyond the requirements of 12.1.1.2, and that of bottom repair (12.1.7).</td>
<td>Delete &quot;by the authorized inspector&quot; and &quot;approved by the authorized inspector&quot;.</td>
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<td>John Reynolds</td>
<td>Shell Global Solutions (US) Inc.</td>
<td>12.1.10.1</td>
<td>Editorial</td>
<td>This sentence needs clarification &quot;A floatation test of the repaired roof may be performed as a method to verify the integrity of the roof&quot;</td>
<td>Reword: &quot;A floatation test of the repaired roof may be performed as an alternative method to verify the integrity of the roof&quot;</td>
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<td>6</td>
<td>Nelson Acosta</td>
<td>HMT Inspection</td>
<td>12.1.10.1 &amp; 12.3.2.6</td>
<td>Technical</td>
<td>Editorial correction and suggested revised wording.</td>
<td>12.1.10.1 In the last sentence, correct spelling of word &quot;floatation&quot; to &quot;flotation&quot;. 12.3.2.6 suggest rewording as follows for better user understanding &quot;Hydrostatic testing (full-height or flotation only) is not required for repairs made to the roof.</td>
<td></td>
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<td>Douglas Miller</td>
<td>Chicago Bridge &amp; Iron Company(CB&amp;I)</td>
<td>12.3.2</td>
<td>Editorial</td>
<td>12.3.2 is all about exceptions where you have a major repair/alteration but where 653 allows you to skip the h-test (refer to the first sentence of 12.3.2.1 to see this).</td>
<td>Expand the title of 12.3.2 to “When Hydrostatic Testing OF A MAJOR REPAIR OR ALTERATION is Not Required” This would make the title reflect the content of the section.</td>
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<td>8</td>
<td>Larry Hiner</td>
<td>Chicago Bridge &amp; Iron Company(CB&amp;I)</td>
<td>12.3.2.6</td>
<td>Technical</td>
<td>12.3.2.6 Affirmative comment - No change is required. A hydro test is required only for major repairs. Repairs to roofs are not considered major repairs.</td>
<td>Delete new 12.3.2.6</td>
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<td>Douglas Miller</td>
<td>Chicago Bridge &amp; Iron Company(CB&amp;I)</td>
<td>12.3.2.6</td>
<td>Technical</td>
<td>It is unnecessary to add a new 12.3.2.6 to state that h-test of floating roof repairs is not required. Further, this ADDS CONFUSION because 12.3.2 is all about exceptions where you have a major repair/alteration but where 653 allows you to skip the h-test (refer to the first sentence of 12.3.2.1 to see this). Here, you don't have a major repair in the first place.</td>
<td>Drop the new 12.3.2.6</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE**

Columns 1, 2, 4, 6 are compulsory.

API electronic balloting commenting template/version 2002-12