API/STI Storage Tank Fundamentals Course

October 14, 2014 *
Caesars Palace, Las Vegas, Nevada USA

Presented by:

* followed by the API Tanks, Valves, and Piping Conference & Expo (October 15-16, 2014)

**Tuesday, October 14th**

7:30 AM – 8:00 AM  
Registration Opens / Continental Breakfast

**General Sessions**

8:00 AM – 8:15 AM  
Opening Remarks
Dana Schmidt, STI/SPFA
Nate Wall, API

8:15 AM – 9:00 AM  
Important Regulations
• Environmental
• Fire Codes
• OSHA
Wayne Geyer, STI/SPFA

9:00 AM – 10:00 AM  
Field Erected Tanks
API 650 and Other Standards
Matt Fegenbush, Caldwell Tanks

10:00 AM – 10:15 AM  
Mid-Morning Break

10:15 AM – 10:45 AM  
Other tanks
• Shop-fabricated tank - UL 142 and 2085
### Oil production tanks – API 12F and 12D
- Riveted, old tanks, non-metallic, bolted
- STI SP001 Inspection Standard

Dana Schmidt, STI/SPFA

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>10:45 AM – 11:20 AM</td>
<td>Inspection of Aboveground Storage Tanks per API 653</td>
<td>Nelson Acosta, HMT Inspection</td>
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<tr>
<td>11:20 AM – 12:00 PM</td>
<td>Industry Standards for Tank Bottom Replacements and API 650/653 Refresher</td>
<td>Tor Larson, Consolidated</td>
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<td>12:00 PM – 1:00 PM</td>
<td>Luncheon – Sponsored by EQ Industrial Services</td>
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<td>1:00 PM – 1:45 PM</td>
<td>Fitness-for-Service Evaluation of Storage Tank Settlement</td>
<td>Joel Andreani, The Equity Engineering Group</td>
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<td>1:45 PM – 2:30 PM</td>
<td>Measurement &amp; Gauging</td>
<td>Kevin Schoppe, HMT</td>
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<td>2:30 PM – 3:15 PM</td>
<td>Changing Service Requirements</td>
<td>John Lieb, Tank Industry Consultants</td>
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<td>3:15 PM – 3:30 PM</td>
<td>Afternoon Break</td>
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<td>3:30 PM – 4:15 PM</td>
<td>Overfill prevention – API 2350</td>
<td>Rich Ireland and Lance Berry, Emerson Process Management</td>
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<td>4:15 PM – 4:30 PM</td>
<td>Mixing of Tank Contents by Recirculation</td>
<td>Chris Commander, Oiltanking North America</td>
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<td>4:30 PM – 5:00 PM</td>
<td>Effective Mixing, How it is Achieved and the Benefits to Owners of Aboveground Storage Tanks</td>
<td>Christopher Hastings, Philadelphia Mixing Solutions</td>
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<td>5:00 PM – 6:00 PM</td>
<td>Reception and Exhibit-Viewing</td>
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