### API/STI-SPFA Field Erected Storage Tank Fundamentals Course

October 13, 2020       Virtual Event

**1. 8:00 – 8:15**  
**Introduction**  
Paul Windham  
Fisher Tank Company

**2. 8:15 – 9:00**  
**Consideration for Locating Tanks**  
• Siting of storage tanks  
• Containment choices  
• Geotechnical considerations and foundations  
Andy Stetzler  
Caldwell Tanks

**3. 9:00 – 10:00**  
**Fundamentals of the Construction of Tanks**  
• Type of tanks  
• Sizing of tanks  
• Selecting materials of construction  
• Carbon steel vs. stainless steel  
• Types of floating roofs  
Brad Veath  
CB&I Storage Tank Solutions  
McDermott International, Inc.

10:00 – 10:15  
**BREAK**

**4. 10:15 – 11:15**  
**Requests for Proposals**  
• What must be included?  
• API Tank Data Sheet  
Fred Ruinen/Paul Windham  
Fisher Tank Company

**5. 11:15 – 12:00**  
**Corrosion Protection**  
• Coatings and linings  
• Cathodic Protection  
Tim McDonough  
The Sherwin-Williams Company

11:40 – 1:00  
**LUNCH**

**6. 1:15 – 2:15**  
**Tank Construction**  
• Safety Considerations  
• Welding – Types and Qualifications  
• Tank Erection Equipment  
• Testing and Inspections  
Paul Showan, Tarsco, a TF  
Warren Company

**7. 2:15-3:00**  
**API653 Tank Inspection**  
Kevin Kupitz Qi2 Elements, Inc.

3:00-3:15  
**Break**

**8. 3:15 – 4:15**  
**Tank Repairs and Modifications Overview**  
Matt Van Alsburg  
Advance Tank and Construction

**9. 4:15 – 4:45**  
**Replacing Coatings & Linings**  
Randy Moore  
Tnemec Company, Inc

**10. 4:45 – 5:00**  
**Wrap-up**  
Paul Windham  
Fisher Tank Company

Revised 9/1/2020