API/STI-SPFA Repair, Inspection, Modification, and Upgrade of Field Erected Storage Tanks Course:

API Conference   October 8, 2024   Fort Lauderdale, FL

1. 8:00 – 8:15  Introduction  Tim O’Toole  STI-SPFA
   15 min

2. 8:15-8:35  History of the Repair and Maintenance Standards  Brad Veath  CB&I Storage Tank Solutions
   20 min
   • History of Field Erected Tank Standards
   • History of Tank Inspections

3. 8:35-9:20  API 653 Inspections,  Tim Fox  Qi2 Elements, Inc.
   45 min
   • API 653 Inspection and Reports
   • Repair Documentation

4. 9:20-9:50  Coatings Inspection Requirements  Katie Duda  Tnemec
   30 min
   • Exterior Coating Inspection per API 653
   • Lining Inspection requirements in API 652

9:50-10:00  BREAK

5. 10:00-10:40  Requests for Quotation - Tank Repair  Fred Ruinen  Fisher Tank Company
   40 min
   • Tank and Documents Required
   • Site requirements and Expectation
   • Special Considerations

6. 10:40-12:00  Tank Repair – Part 1, Basic Tank  Andy Stetzler  Caldwell Tanks
   80 min
   • Foundation Repairs
   • Floor Repair
   • Shell Repair
   • Brian Iskra  TF Warren Group - Tarsco

12:00-1:00  LUNCH

7. 1:00 -2:45  Tank Repair – Part 2, Remainder of Tank  Brian Iskra  TF Warren Group - Tarsco
   105 min
   • Fixed Roof Repair
   • Floating Roofs (IFR’s & EFR’s)
   • Daniel Pyewell  Tanco Engineering

2:45-3:00  BREAK

8. 3:00-3:30  Coating and Linings Repair and Replacement  Brian Buchta  The Sherwin-Williams Company
   30 min
   • Coatings and linings Evaluation
   • Coating and Lining Repairs & Replacement
   • Recoat vs Overcoat

9. 3:30-4:15  Change in Service  Matt Van Alsburg  Advance Tank and Construction
   45 min
   • Changes in Product
   • Changes in Volume and Design
   • Change in Pressure Rating
   • Utilization of Different Grades of Materials

11. 4:15-4:45  Return to Service, Post Repair Testing and Hydro Test Exemptions  Tim Fox  Qi2 Elements, Inc
   30 min

12. 4:45-5:00  Wrap-up  Tim O’Toole  STI SPFA
   15 min