



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

API Conference October 11, 2022 San Diego, CA

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| 1. | 8:00 – 8:15 | Introduction | Tim O’Toole STI-SPFA |
| 2. | 8:15 – 8:45 | History of the Repair and Maintenance Standards <ul style="list-style-type: none"> • History of Field Erected Tank Standards • History of Tank Inspections | Brad Veath CB&I Storage Tank Solutions McDermott International, Inc. |
| 3. | 8:45 – 9:30 | API 653 Inspections, <ul style="list-style-type: none"> • API 653 Inspection and Reports • Repair Documentation | Tim Fox Qi2 Elements, Inc. |
| 4. | 9:30-10:00 | Coatings Inspection Requirements <ul style="list-style-type: none"> • Exterior Coating Inspection per API 653 • Lining Inspection requirements in API 652 | Randy Moore Tnemec Company Inc |
| | 10:00 – 10:15 | BREAK | |
| 5. | 10:15-10:55 | Requests for Quotation - Tank Repair <ul style="list-style-type: none"> • Tank and Documents Required • Site requirements and Expectation • Special Considerations | Fred Ruinen Fisher Tank Company |
| 6 | 10:55 –11:30 | Change in Service <ul style="list-style-type: none"> • Changes in Product • Changes in Volume and Design | Matt Van Alsborg Advance Tank and Construction |
| 7. | 11:30 – 12:00 | Coating Inspection and Repair <ul style="list-style-type: none"> • Coatings and linings Evaluation • Coating and Lining Repairs & Replacement | Kandyce Kohlmaier The Sherwin-Williams Company |
| | 12:00 – 1:00 | LUNCH | |
| 8. | 1:00 – 3:00 | Tank Repair – Part 1, Basic Tank <ul style="list-style-type: none"> • Foundation Repairs • Floor Repair • Shell Repair • Fixed Roof Repair | Andy Stetzler Caldwell Tanks & Brian Iskra TF Warren Group - Tarsco |
| | 3:00-3:15 | BREAK | |
| 9. | 3:15 – 4:15 | Tank Repair – Part 2, Remainder of Tank <ul style="list-style-type: none"> • Floating Roofs (IFR’s & EFR’s) • Accessories • Cutdown and Re-Erect/Moving Tank | Matt Van Alsborg Advance Tank and Construction |
| 10. | 4:15 – 4:45 | Return to Service, Post Repair Testing and Hydro Test Exemptions | Tim Fox Qi2 Elements, Inc. |
| 11. | 4:45 – 5:00 | Wrap-up | Tim O’Toole STI SPFA |