# API/STI-SPFA Field Erected Storage Tank Fundamentals Course:
## API Conference  October 10, 2023  Denver, CO

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

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  
   - Jim Viale  
     | Fisher Tank Company

5. **11:15 – 12:00**  Corrosion Protection  
   - Coatings and linings  
   - Cathodic Protection  
   - Brian Buchta  
     | 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  
   - Brian Iskra  
     | T.F. Warren Group Corporation

7. **2:15-3:00**  API653 Tank Inspection  
   - Tim Fox  
     | 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  
    - Tim O’ Toole  
      | STI-SPFA