



STI/SPFA Cold Storage/Cryogenic Tank Fundamentals Course

API Storage Tank Conference

October 20, 2026

Austin, TX

Time	Topic	Presenter
8:00 – 8:15 AM	Introduction	Tim O'Toole STI/SPFA
8:15 – 9:00 AM	Introduction & History of Cold/Cryogenic Storage • API 620 Appendix R/Q • API 625 • API 626 (In development) • ASME Section VIII	Kevin Gallagher Caldwell Tanks, Inc.
9:15 – 10:00 AM	Foundation Considerations • Geotechnical • Locating • Types of Foundations • Thermal Controls • Dewatering	Matt Van Alsborg Advance Tank and Construction
10:00 – 10:15 AM	Break	
10:15 – 11:00 AM	Types of Cold/Cryogenic Tanks • Single/Double/Full Containment • Spheres	Brad Veath CB&I
11:00 – 12:00 PM	Fundamentals of Construction • Sequencing • Welding – Types and Qualifications • Tank Erection Equipment	Brian Iskra T.F. Warren
12:00 – 1:00 PM	Lunch	
1:00 – 1:45 PM	Insulation • Interstitial Space • Foam Glass • Suspended Deck	Brad Veath CB&I
1:45 – 2:15 PM	Coating of Tanks • Surface Preparation • Coating Options • Why no internal liners?	Calvin Sumner The Sherwin Williams Company
2:15 – 3:00 PM	Commissioning/Decommissioning • Hydrostatic & Pneumatic Testing • Drying and Purging • Cooldown • QA/QC records	Brian Iskra T.F. Warren
3:00 – 3:15 PM	Break	
3:15 – 4:00 PM	RFQ Data & Bid Considerations	Fred Ruinen Fisher Tank Company
4:00 – 4:15 PM	API 626/API 653 & Other Inspection Repair Considerations	Tucker Clay Advance Tank and Construction
4:15 – 4:30 PM	Wrap-up	Tim O'Toole STI/SPFA

08/07/2026