
STI/SPFA AST INSPECTION TRAINING CLASS AGENDA

Monday

STI Introduction	Section 1A
Introduction to Tank Inspection	Section 1B
Aboveground Tank Fabrication Standards Additional Information from Standards	Section 2
Safety Minute Section 0-A Emergency Planning	
Regulatory Compliance-SPCC	Section 3A
Regulatory Compliance-Fire Code	Section 3B
Code Requirements on AST Dispensing fuels at Motor Vehicle-Dispensing Stations	
SPCC Rule Fact Sheets	
EPA Bulk Storage Container Integrity Testing Factsheet	

Tuesday

Safety Minute Section 0-B General Workplace Safety	
SP001 Tank Inspection Standard	Section 4
Standard for Inspection of Aboveground Storage Tanks, 7 th Edition (SP001)	
Safety Minute Section 0-C PPE	
Tank Foundations & Supports	Section 5
Non-Destructive Testing (NDT) for the STI SP001 Inspector	Section 6
Installation Instructions for Shop Fabricated Stationary Aboveground Storage Tanks for Flammable, Combustible Liquids (R912)	

Wednesday

Safety Minute Section 0-D Hazardous Conditions	
Secondary Containment	Section 7
Tank Venting	Section 8
Fire Code Requirements for Venting – Common Q&A	
Venting Guide for Aboveground Storage Tanks Morrison Bros. Co.	
Tank Filling Operations and Spill and Overfill Protection	Section 9
Safety Minute Section 0-E Spill Response	
Tank Piping Configurations: Dispensing Systems	Section 10
Pumps, Piping, and Valves	Section 11A
Generator Base Tanks	Section 11B

Thursday**Safety Minute Section 0-F Lock Out-Tag Out**

Grounding, Bonding and other Electrical Systems
Electrical Area Classifications from NEC

Section 12

Safety Minute Section 0-G Fall Protection

Corrosion and Corrosion Control, Coatings and Cathodic Protection
Keeping Water Out of Your Storage System

Section 13

Inspection Tools and Equipment for the SP001 Inspector
Tank Examples from Field

Section 14A

Section 14B

Friday**Safety Minute Section 0-H Confined Space**

SP031 Standard for Repair of Shop-Fabricated ASTs

Section 15

Standard for Repair of In-Service Shop Fabricated Aboveground
Tanks for Storage of Combustible & Flammable Liquids (SP031)

Other Considerations

Section 16A

Bonus Photos

Section 16B

Recommend Practice for Installation of Aboveground Storage Systems
for Motor Vehicle Fueling (PEI/RP 200-24)

Emergency Planning: Work Safety

OSHA Fact Sheet

Not Designed to be Occupied – OSHA