



# Correlating STI with APFA Inspections



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# About STI/SPFA

## Mission

Promote and unite the steel plate fabricated products industry through **standards** development, **education**, and **communication**.





# SP001 Standard for the Inspection of Aboveground Storage Tanks

Provides inspection and evaluation criteria required to determine the suitability for continued service of aboveground storage tanks until the next scheduled inspection.



# History and Evolution of SP001

- STI encouraged by regulators to create a standard for shop fabricated tanks
- Standard initially created by STI members and staff
- First edition released in 2000
- Quickly adopted by some regulators



# History and Evolution of SP001

- Revised in 2004
- New version created by group of fifteen stake holders to address consensus concerns
- Reviewed every five years
- 7<sup>th</sup> edition released in 2024





# SP031 Standard for Repair of Shop-Fabricated Aboveground Storage Tanks

Covers repair and modification of shop-fabricated steel tanks storing stable, flammable and combustible liquids with a specific gravity not greater than 1.0, operating at atmospheric pressure and temperatures between ambient temperature and 200°F.



# SP031 Standard for Repair of Shop-Fabricated Aboveground Tanks

- First edition released in 2003
- Reviewed every five years
- 6<sup>th</sup> edition released in 2024





# SP001/SP031 Standards Committee

- Committee formed in August 2022:
  - 8 Shop Fabricated Tank Manufacturers
  - 8 Regulators
  - 6 Owners
  - 6 Consultants
  - 2 Component Manufacturers



# SP001/SP031 Standards Committee

- Public comments were accepted until October 21, 2022
- SP001: 52 comments received
- SP031: 16 comments received
- Held several meetings to review comments and determine whether technical or editorial changes were needed
- Subcommittees formed for items that needed additional discussion



# SP001/SP031 Standards Committee

- Drafts created for committee to review
- Ballot process opened for committee
- Any negative comments were reviewed and addressed
- Final ballot issued
- Standards published February 2024





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# SP001 Inspector Training

## Upcoming Seminars

- March 25-29, 2024 – San Francisco
- May 6-7, 2024 – Arlington, Texas
- May 20-24, 2024 – Hybrid (Baltimore)
- August 5-9 – Atlanta
- October 21-25, 2024 – Long Beach
- December 2-6, 2024 – Hybrid (Baltimore)



# Tank Talk

Subscribe to receive the latest updates and information from STI/SPFA including:

- Industry news
- Essential safety information
- Education opportunities



## STI/SPFA Issues Guidance Document on Ladder Cages

When a cage is utilized, employees that fall even short distances, may have the potential for injury and trauma from striking the cage or well components during the fall. Furthermore, a cage increases the risk of serious injury or death due to cage entanglement with the falling worker.

[View Guidance](#)

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## Think of the Next Person

When workers think about each other when preparing for a task or doing a task, everyone wins.

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## The Proactive Approach to Employee Turnover





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