

# Safety & Health SPOTLIGHT

**NOTE about Username/Password:** Many of the links in *Safety & Health Spotlight* require login to the STI/SPFA website at [www.steeltank.com](http://www.steeltank.com). If you already have a username and password, log in and click "Members" on the homepage. If you don't have Member access, [contact our office](#).

## What do YOU need to know?

Your Safety & Health Committee works to develop programs for presentation at STI/SPFA's Annual Meeting and Fall Conference, as well as other products and services to meet your needs in the safety, health and environmental areas.



Would you help by letting us know what YOU need to know? The link below takes you to a short survey of safety and health topics. Please complete it so we can provide information and education that is of primary interest to you.

[Click here to complete this short survey](#)

Thank you!

P.S. Topics already planned:

- **Near Miss, Good Catch with Cory Evans, 2013 Annual Meeting, March 23, Bonita Springs FL**
- Global Harmonization Standard with Josh Wallace, 2013 Fall Conference, Houston
- Leading Indicators with Ken Wade, 2014 Annual Meeting

## JANUARY 2013 Members Only

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## 2013 Annual Meeting

March 23-26

Bonita Springs FL

[Click here for  
info](#)

**QC Meeting**

**May 8-10, 2013**

**Airport Marriott**

**Cleveland OH**

*All members*

*manufacturing STI tank  
technologies must have at  
least one representative  
present.*

*Watch your email for more*

## Request for comments: STI/SPFA safety booklets

### New editions due in 2014

The STI/SPFA Safety & Health Committee is responsible for the content of two pocket-sized safety booklets, *Basic Safety Rules* and *Tank Builders' Scaffold Guidelines*.

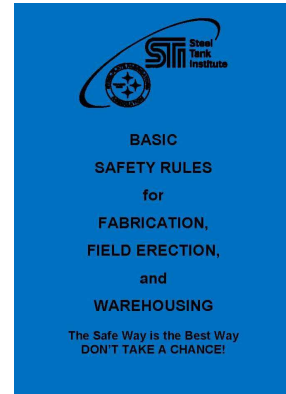
The booklets were last reviewed by the S&H Committee in 2009, so they are due for revision, in order to publish new editions in 2014.

Your comments are particularly valuable as users of these booklets. Please review the safety and health booklets and submit your comments:

1. Review the Word versions of each of these booklets: [Basic Safety Rules](#) and [Tank Builders' Scaffold Guidelines](#). (These documents are for committee review use only—do not distribute them.)
2. Using this [comment submission form](#), type your comments using Microsoft Word.
3. Email your comment form to Dana Schmidt no later than February 15, 2013.

These booklets are available for sale in the [STI/SPFA Store](#).

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## Time to post injury log, by OSHA law

### Post Form 300A for 2012



It's time to ensure that your company's 2012 OSHA records are complete and that the OSHA Form 300A is posted. This form is a summary log of work-related injuries and must be posted between Feb. 1-April 30. All non-exempt companies (contractors with more than 10 employees) must, by law, post the form in a conspicuous area where workers can read it.

First, make sure that all 2012 recordable injuries and illnesses have been properly logged on the OSHA 300 log. Even if there are no recordable injuries or illnesses, companies still must complete and post the form.

Current and former employees, or their representatives, have the right to access injury and illness records, and employers must give the requester a copy of the relevant record(s) by the end of the next business day. The form must be examined and certified by a company executive that, to the best of his/her knowledge, the entries on the form are true, accurate and complete. For more information or copies of the log and form visit the [OSHA website](#).

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## NFPA developing confined spaces best practices

### Comments sought on proposed Tentative Interim Amendments

Tentative Interim Amendments on NFPA 59A, NFPA 99, NFPA 130, NFPA 502, NFPA 1001, NFPA 1917, NFPA 1971, and NFPA 2112 have been proposed to NFPA and are seeking public review and comment. Each TIA is posted to the document's information page at [www.nfpa.org](http://www.nfpa.org) or consolidated in the [January issue of NFPA News](#).

Can a single regulatory standard or best practices document adequately address confined space hazards in all types of workplaces? Or do the hazards of confined spaces vary so much from workplace to workplace that no single standard can adequately address all industries? Read how NFPA is developing a [Best Practices Document for Confined Space Entry](#).

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## S&H Committee working on ANSI A-10

### Representing the industry's interests

STI/SPFA Safety & Health Committee members Robert Clouse, Wilson Frazier and Jim Rhudy are serving on an ANSI A-10 subcommittee on Confined Space in Construction. They are currently reviewing the first draft of the proposed standard. This assures STI/SPFA's active participation in the rule-making process affecting our products.

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## Welding safe practices

### PEI offers concise review of AWS Z49.1

*No other task touches on so many facets of safety as welding. Among the issues are fire, electric shock, compressed gases and toxic fumes, and personal protection for the eyes, hands, feet and body. Above all else, caution is crucial while welding because the risk of personal injury from any mistake is so high.*

In its January issue of Safe Practices, PEI shares an article based on AWS Z49.1 issued March 9, 2012. "This standard covers all aspects of safety and health in the welding environment, emphasizing oxygen gas and arc welding processes, with some coverage given to resistance welding. It contains information on protection of personnel and the general area, ventilation, fire prevention and protection, and confined spaces. A significant section is devoted to precautionary information, showing examples, and an extensive bibliography is included."



Download [PEI's welding safe practices article](#)  
See the [complete AWS Z49.1 standard](#)

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## **OSHA studies silica hazard in frac sand**

### **Hazard Alert while research continues**

In June 2012, OSHA (Occupational Safety and Health Administration) and NIOSH (National Institute of Occupational Safety and Health) issued a joint hazard alert for workers who use silica (sand) used in fracking.

OSHA has been engaged for several years in revising the current silica regulations, which are significantly out-of-date. That process is on hold while the agency considers the relatively new fracking industry and impact of byproduct fracking sand on health of workers. At the same time, there is considerable lobbying to not enhance the hazard standard.

While the June hazard alert does not have the force of regulation, *Marcellus Drilling News* says "This is one case where more regulation is a good thing."



Silica dust clouds from delivery trucks loading into sand movers.  
Photo: NIOSH

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## **Hexavalent chromium nets 19 OSHA violations for fabricator**

### **Total fines \$72,800**



A US tank manufacturer was cited with 19 violations by OSHA last fall. Fifteen health violations were for failing to assess and monitor exposure to hexavalent chromium and provide adequate protective equipment.

Other health violations were for failure to implement a hearing conservation program, provide an emergency eye wash station, inspect and train employees to use fire extinguishers, provide hazard communication training, securely mount a liquefied petroleum cylinder, provide training to powered industrial operations, and properly guard bench grinders.

In addition, four safety violations include failing to develop machine-specific lockout/tagout procedures, evaluate power industrial truck operator performance every three years, ensure machine guarding was provided for various machinery, and ensure point of operation guarding was in place on machinery to prevent amputation and other hazards.

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## **New ADA requirements for gas dispenser nozzles**

### **Mounting height now 48 inches**

Updates to the 2010 ADA (Americans with Disabilities Act) Accessibility Design Standard reduce the required height of gas dispenser nozzles to 48 inches (formerly 54 inches).

There is a "safe harbor" for existing facilities. If nozzles are already installed at 54 inches in compliance with the 1991 Standards, no modification is required. However, if the facility makes any alteration to a dispensing nozzle, such as purchasing a new nozzle-fitted tank, the 48-inch

requirement must be met.

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## STI/SPFA's

### Safety & Health resource pages

Find a broad array of information and resources for your safety program on STI/SPFA's [Safety & Health Committee website pages](#). If you already have a username and password, log in and click "Members" on the homepage. If you don't have Member access, [contact our office](#). Our website is a valuable resource. Check out these useful links:

- [WebNet Safety Training](#) : Train employees inexpensively, at your plant, for a full year via the Internet
- [Training Resources](#) : Materials for use by Member companies for safety training sessions--more than 100 presentations and posters
- [Equipment Failures](#) : Descriptions of equipment recalls and failures, as well as solutions
- [OSHA Issues](#) : Updates to OSHA programs of current interest
- [Personnel Incidents](#) : Discussion of personnel incidents and lessons learned
- [Tank Use Mishaps](#) : STI/SPFA monthly online newsletter with stories of mishaps involving tanks and petroleum
- [Safe Tank Alliance](#) : OSHA Alliance Program with STI/SPFA, NFPA and API
- [Safety Awards](#) : Information about STI/SPFA's Safety Award of Excellence and the Safety Award of Achievement



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## Puzzled? Call STI/SPFA's consultants

### Contact them for FREE assistance

Got a question or a quandary about safety, processes or codes? Did you know that as a Member of STI/SPFA, you have access to a group of expert consultants? STI/SPFA has contracted with them to provide brief, complimentary consultation services.

Take advantage of this Members Only benefit. Contact our consultants:



- **Safety & Health:** Jim Rhudy, [jrrhudy@yahoo.com](mailto:jrrhudy@yahoo.com), 281-419-5839
- **Fabrication:** Bill Herdman, [wherdman@sbcglobal.net](mailto:wherdman@sbcglobal.net), 317-885-1270

- Fire Codes: Jeff Shapiro, [Jeff.Shapiro@IntlCodeConsultants.com](mailto:Jeff.Shapiro@IntlCodeConsultants.com), 512-795-2900

[Click here](#) to print the consultant contact list

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