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on LinkedIn:



NEW! SEE BUSINESS TRENDS SURVEY INSTANT RESULTS



[CLICK HERE TO RESPOND](#)
and [SEE RESULTS](#)

- Only six questions!
- Anonymous and confidential.
- Info specific to our industry segment.
- Also available in the Members Only section of the website.

Questions, problems?
[Click here](#)



FABRICATOR
[Reparaciones Ruiz, SA](#)

In This Issue

- [NEW! Business Trend Survey instant results](#)
- [Technical Committee approves updates](#)
- [Inspection forms via download](#)
- [2012 US Economic Census](#)
- [We're hiring! Fab metal produces jobs](#)
- [CARB Phase I EVR compliance date extended](#)
- [NC approves gas in small UL 142's](#)
- [Comment on IAPMO greywater recycling standard](#)
- [Affordable Care Act resources](#)
- [Safety highlights Annual Meeting](#)
- [Annual Meeting stats and pics](#)
- [2013 Product Award winners](#)
- [Thanks to our Affiliate Platinum sponsors](#)
- [Article Headline](#)
- [FREE DOCS](#)
- [Obituary: Richard Izmer](#)

Technical Committee approves updates

At its meeting in San Diego, STI/SPFA's Shop Fab Technical Committee recommended, and the Board of Directors approved, three technical items:



- Recertification and warranty: "When tanks have a thirty-year warranty, tanks are not recertifiable twenty years after the date of manufacture. Tanks with a shorter warranty period than 30 years are not re-certifiable past the point of the original warranty."
- Vertical tank dimensions: "The shell height of a vertical tank shall not be more than 50 feet (15.24m) and the capacity shall not exceed 60,000 gallons (189 kl). The minimum diameter of a vertical tank shall not be less than one-quarter of its height." This change reflects revisions to UL 142 and affects F921, Flameshield and Fireguard tanks.
- Using STI double bottom tank standard for App J tanks: "The primary tank (including pipe connections, manholes, etc.) shall be constructed in strict accordance with UL 58, UL 142, UL 80, ULC S602, API 650 J or the applicable tank standard..."

These changes will be communicated to STI licensees in a Technical Bulletin.

STI tank inspection forms via download

Go paperless!

A reminder to members who manufacture STI tanks--you can download Inspection Forms from the Members Only area of the website, instead of

Guatemala
Juan Carlos Rivera

AFFILIATE
[Genius Solutions](#)
Montreal, Quebec
Jean Magny, President



[Click here to see what's coming up!](#)

2014 Fall Conference
August 26-28
Royal Sonesta Hotel
Houston



[CB&I](#)

2012 STI/SPFA winning API flat bottom tank receives coverage in BIC magazine. Read about the Point Loma project [here](#).

[Nucor](#)

Hosting mill tour of Nucor's Armorel, AR, facility for Cold-Formed Steel Engineers Institute in May.

Palmer Mfg. & Tank Inc.
Article in March 2014 Coatings Pro about Palmer's

Got big news?
Add us to your press release email list.

The Insider
Published quarterly for STI/SPFA Members Only
Noël Zak, Editor
nzak@steeltank.com
847-438-8265, ext. 233

using the physical warranty cards. These forms are available for Flameshield, F921, and Fireguard.

Download the file, fill in the spreadsheet, save it to your computer, and email it to [Kathy Mann, Tank Registration Service Specialist](#).

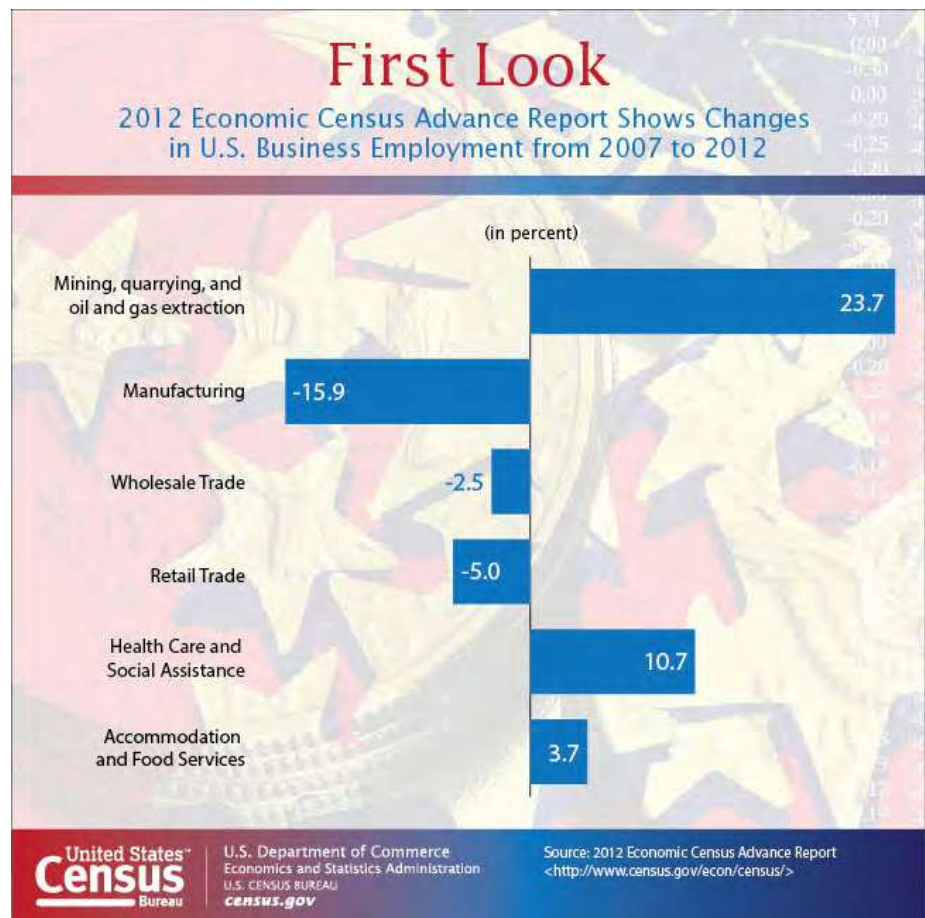
You must have a user name and password to enter the Members Only area of the website. Contact [Elizabeth Whitney](#) for assistance.

[Back to top](#)

Report released on 2012 US Economic Census

National-level data for 100+ industry sectors

The [2012 Economic Census Advance Report](#) is now available. This report highlights national-level data for over 100 industry groups, including number of establishments, revenue, payroll and number of employees. Additional releases of detailed industry and geography statistics will be released over a two-year period, through June 2016.



[Back to top](#)

We're leading hiring!

STI/SPFA Consultants
 FREE for Members
 "Jim Rhudy was
 extraordinarily helpful
 with OSHA" says STI
 Member

Safety & Health
 Jim Rhudy
irrudy@yahoo.com
 281-419-5839

Fabrication
 Bill Herdman
wherdman@sbcglobal.net
 317-885-1270

Fire Codes
 Jeff Shapiro
Jeff.Shapiro@IntlCodeConsultants.com
 512--795-2900

ADVOCACY for the industry

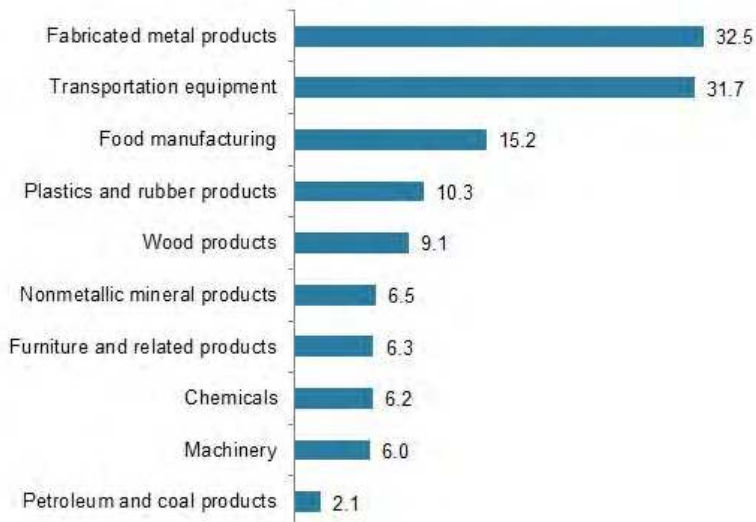
STI/SPFA staff
 represent the
 fabricated steel
 industry at numerous
 federal agencies,
 regulatory groups,
 conferences and
 trade shows

FEBRUARY-APRIL

- CUPA Conference, San Francisco
- APSA, San Francisco
- Western Petroleum Marketers Association, Las Vegas
- MPACT, Indianapolis
- NISTM, Harrisburg PA
- Coordinating Research Council (fuels), Houston
- NACE, San Antonio TX
- ULC meetings, Ottawa
- AISI Code Meetings, Washington DC
- ICC Rainwater Harvesting Standards meeting, Chicago
- National Work Group Leak Detection Evaluation (NWGLDE), Louisville KY

Manufacturing Sectors with the Largest Net Employment Gains in 2013

(in Thousands of Employees)



According to the National Association of Manufacturers, the "fabricated metal products" sector led manufacturing employment gains in 2013.

NAM's Manufacturing Economy Daily, a digest of media reports on various issues, reported April 11 that the economy is expected to accelerate in the second quarter:

The Wall Street Journal (4/11, Madigan, Subscription Publication) reports that according to economists it surveyed, the harsh winter that enveloped much of the country during the first quarter delayed a sharp acceleration of the national economy, which they now expect in the second quarter. Economists expect that the GDP will grow at a three percent annual rate in Q2, up from a 1.5% rate in Q1. The Q2 rate, according to the Journal's survey, would likely have been around 2.5%, but that is likely to be boosted as businesses and consumers look to make up for time lost during the winter months.

[Back to top](#)

California Phase I EVR compliance date extended

Compatible systems

unavailable for some ASTs

On March 13, 2014, the (California) Air

Resources Board (ARB) Executive Officer signed Executive Order (EO) G-70-216, extending the effective date for the installation of certified Phase I enhanced vapor recovery (EVR) systems at select existing aboveground storage tank (AST) facilities, due to the finding that compatible certified systems for certain AST configurations may not be commercially available.

Once a Phase I system is available that is certified compatible, these ASTs will have four years from the date of certification to comply as specified by regulations. Executive Order G-70-216 has been uploaded to the CA EPA's ARB [vapor recovery webpage](#).

This Executive Order allows existing tanks that do not have the correct openings to accommodate Phase I equipment (i.e. do not have 4-inch top-fill or emergency vent) to operate without a

California Environmental Protection Agency

 Air Resources Board

deadline.

The currently certified Phase I EVR systems require ASTs to meet the following configuration requirements:

- Gasoline must be received through a top-fill opening (direct or remote fill);
- The diameter of the product tank opening, or bung, must be at least four inches;
- A minimum of three bungs are required to accommodate the various Phase I EVR components;
- Or the tank must be equipped with an adequately sized bung for an emergency vent.

Public workshops to discuss proposed AST regulation changes
On April 28, 2014, April 30, 2014, and May 1, 2014, the CA Air Resources Board will hold a workshop to discuss the Aboveground Storage Tank (AST) Enhanced Vapor Recovery Regulatory Advisory and Rulemaking Advisory issued on February 28, 2014, and proposed changes to the AST regulations.

[Back to top](#)

North Carolina: gasoline OK in small UL 142's

NC Fire Code Change on Gasoline ASTs for Motor Fuel Dispensing

According to an article in the April 16, 2014, North Carolina Petroleum & Convenience Marketers (NCPKM) newsletter, NCPKM has successfully worked with the NC Fire Code and NC Building Code committees to change the NC Fire Code as it pertains to fleet service stations dispensing motor gasolines.

NC Code Section 2206.2.3 specifies exceptions to the rule that "...Above-ground tanks shall not be used for the storage of Class I, II or IIIA liquid motor fuels except as provided by this section..." Four exceptions are noted, and a fifth has been added.

NEW SECTION effective March 1, 2014:

"5. Fleet service stations. Listed UL 142 above ground storage tanks with spill control, 1,100 gallons or less in capacity, may be used to store Class I liquids at fleet service stations."

NFPA 30 and 30A allow UL 142 listed tanks to dispense gasoline at fleet operations, although the International Fire Code does not.

[Back to top](#)

Comment on IAPMO greywater recycling standard

Comment deadline April 28th

IAPMO (International Association of Plumbing & Mechanical Officials) is promulgating a new standard BSR/IAPMO Z1207-201x, Small-Scale Residential Greywater Recycling Systems.



According to the [ANSI Standards Actions](#) document published March 14, 2014:

"This Standard covers greywater systems designed to handle greywater sources originating from single-family residential households with a maximum daily treatment capacity of 750 L/day (200 gpd) and intended for residential reuse for toilet flushing and subsurface irrigation, only, and specifies requirements for materials, physical characteristics, performance testing, and markings. This Standard does not cover rainwater systems or greywater treatment systems that incorporate biological or chemical oxidation for the purpose of reducing the BOD and TSS concentrations to secondary or better treated effluent water quality standards."

- Obtain an electronic copy of the standard from: standards@IAPMOstandards.org
- Obtain a hard copy for \$25 from Abraham Murra, (909) 472-4106, abraham.murra@IAPMOstandards.org
- Send comments (with copy to psa@ansi.org) to: Same Send comments (with copy to psa@ansi.org) to: Patricia Sena, (919) 549-1636, patricia.a.sena@ul.com

[Back to top](#)

How the Affordable Care Act affects you

NAM offers free "ACA University" webinar

The National Association of Manufacturers offers a free webinar series on the ACA's most notable insurance reforms and effects on consumers and employers.

The next webinar is about ACA's taxes and fees. It's on May 1st at 2:00 pm Eastern Time. [Click here to learn more and register.](#)

Useful links

Annual Meeting keynote speaker Gene Marks' presentation summarized everything you need to know about implementation and compliance with the Affordable Care Act.

Here are two useful links that Gene recommends for information and perspectives on the ACA and health care policy:

- [Kaiser Family Foundation](#)
- [Washington Post health care blog](#)

And check out Gene Marks' small business blog for the New York Times: [You're the Boss blog.](#)

[Back to top](#)

Safety kicks off 2014 Annual Meeting

Jim Rhudy polls top five safety concerns

STI/SPFA safety consultant Jim Rhudy always opens the Annual Meeting with a "Safety Moment." In San Diego, he shared results of a poll he performed with Shop Fab Section members.



Jim asked them to name their top five shop fabrication safety problems, and 50% responded:

1. Material handling: rigging the load, use and care of rigging equipment (clamps and slings) and moving the load (proper use of overhead crane).
2. Fall protection.
3. Machine guarding (portable grinders and bench grinders).
4. Personal protective equipment: wearing safety glasses (and face shields), gloves, hearing protection.
5. Housekeeping: cleaning up is part of the job, e.g. putting away equipment and assuring it is disconnected/turned off.

The Safety & Health Committee will be looking at these member concerns as they plan future programs.

Don't forget that there are many training resources available to members on the [Safety & Health pages](#) of our website.

Hire a Safety Professional

Ken Wade of Taylor Forge spoke about predicting and influencing future accident rates. His was the first educational presentation in San Diego.

Commenting on the presentation, Ken's colleague Mike Kilkenny said, "Taylor Forge has seen the remarkable benefits of hiring a Safety Professional. Ken's expertise is invaluable to both the working environment at Taylor Forge and, of course, our bottom line. I recommend that all STI/SPFA member companies consider hiring a Safety Professional."

[See Ken Wade's presentation](#) on the Members Only Safety & Health pages.

[Back to top](#)

A 100% satisfactory Annual Meeting--see pics

All about the networking in San Diego

More than 170 people from STI/SPFA member fabricators and affiliates, and their spouses and guests attended the 2014 Annual Meeting in San Diego, March 15-18.

In addition to enjoying the Loews Coronado Bay's beaches, activities, and area restaurants, attendees were inspired and informed by speaker presentations and association meetings.

- One hundred percent of respondents to the meeting survey said that they were "very satisfied" or "satisfied" with the speakers and events at the 2014 Annual Meeting.
- Ninety-five percent of respondents said that networking was the big value of attending.



Photos available

Pictures from the 2014 Annual Meeting are available on our [Share site on ShutterFly](#). Remember the fun!

Your next opportunity

If you're not attending STI/SPFA meetings, you're missing out on a major benefit of membership. Save these dates and join your fellow members:

There was standing room only in the room for Lt. Joe Torrillo's keynote presentation. Lt. Torrillo is a 9/11 first responder.

<p>2014 Fall Conference August 26-28, Houston TX</p>	<p>2015 Annual Meeting April 24-28, Hilton Head SC</p>
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[Back to top](#)

2013 Product Award winners

At the Awards Banquet on March 15 in San Diego, winners of the 2013 Product Awards were honored. STI/SPFA sent a press release announcing the awards to nearly 300 industry reporters and media outlets.

STI/SPFA's annual fabricated steel awards recognize steel fabricated products and projects that exemplify the advantages and flexibility of steel construction. The awards honor Member companies instrumental in the design, manufacture, construction, and implementation of these products and projects.

Also recognized at the Annual Meeting were the more than 40 member plants that received the [Safety Award of Achievement or Safety Award of Excellence for 2013](#).

[Click here for details about the awards and entries](#)

[Back to top](#)

Thanks to our Platinum Annual Meeting sponsors

As you do business in the coming months, be sure to thank our Affiliate sponsors. Their financial contributions once again supported an exciting and educational Annual Meeting.

[Click here for special messages from our Platinum Affiliate sponsors.](#)





[Back to top](#)

2014 Board of Directors

Members of STI/SPFA elected their 2014 Board of Directors by electronic ballot and at the Annual Business Meeting in San Diego. Officers for 2014 were then elected by the board at its first meeting of the year on March 15.



The Board of Directors manages the business, program, and policy affairs of your association. They are always willing to hear your concerns and ideas and welcome all members' participation.

[Click here to see the entire Board of Directors roster, as well as committee and section leaders.](#)

[Back to top](#)

FREE DOCS: Pipe markings, sustainability software

Here are a couple of free documents that may be of interest to you:

- [ANSI/ASME Pipe Marking Best Practices Guide](#)
- [Guide to Energy, Carbon and Sustainability Software](#)



[Back to top](#)

Obituary

Richard Izmer, former STI QC Manager

Richard Izmer was employed by STI as Quality Control Manager from January 1989 to April 1992. He continued as a consultant and tank inspector until July 1995.

Richard died suddenly on March 31, 2014, only two days after his wife passed away.

STI/SPFA extends its condolences to the Izmer family and friends.

[Back to top](#)