



VETERANS of SAFETY

2013

VOS November Newsletter



Message from VOS Newsletter editor Mark Rater:
Make sure to visit our website at <http://vetsofsafety.org/>
to get more information from VOS. One article in this
issue was a summary. The full version will be available
soon on the website.

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A NOT FOR PROFIT ORGANIZATION

VETERANS OF SAFETY

AN INTERNATIONAL ORGANIZATION

Newsletter

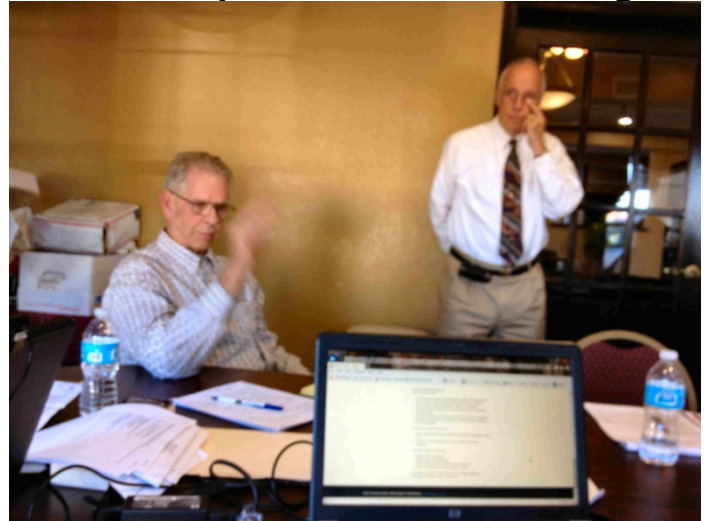
VOS President's Address

Warren K Brown, CSP, ARM, CSHM

As your next president I am thanking you all for your support in continuing our organization on the journey to satisfy our members and create a need for more potential members to find reason to join our organization. If any of you have ideas how we can improve interest and promote expansion of our organization please let me know. Nigel led the effort to revamp the website and make us accessible around the globe. Now we need to determine the needs and wants of members and potential members and fulfill those needs and wants. Our annual Board meeting in Kansas City in September went off without a hitch. The VOS cruises which have been successful in the past are still being considered with the potential for a Hawaiian Island or Caribbean area cruise. We will be reviewing the VOS Mission statement and bylaws to make sure we are keeping up with the changing world.

I look forward to this challenging leadership opportunity and ask again for input from any and all of you. Together we can make great things happen.

Couple of pictures Warren Brown shared from the September Board Meeting



Note from the Treasurer

Several members have brought up what the timing is for dues payment. Dues cover the calendar year. Currently members should have a membership card for 2013. Dues notices are normally sent out early in the year. This year the dues notice/invoice did not go out until June.

In the past, the dues notice was sent out with the newsletter. With the electronic newsletter we have converted to mailing out the dues invoice with a return envelope. Many of you have noticed that payment now comes directly to my office in Massachusetts. All financial functions are handled here because Dianna Bryant is on sabbatical from the college. She does not have the time to assist VOS while she finishes her doctorate.

With the change we no longer have a paid student aide. All functions of VOS are done by volunteers like me. This has reduced operating cost. Anyone interested in helping Mark Rater with the newsletter or providing website content please reach out to any of us on the board.

The new website is a work in progress. As it continues to develop, it will be a tool for member networking and receiving news. Next year you will have the option to pay your dues online through a secure website.

I have included the latest financials. We are in a good cash position with significant funds to award scholarship. This is an important part of VOS's mission. We can help those coming into or growing in the Safety and Health field. If you know of someone that can use the help, please encourage them to apply for a VOS scholarship.

VOS Financial Summary:

Veterans of Safety Balance Sheet As of September 30, 2013		Veterans of Safety Profit & Loss January through September 2013	
		Jan - Sep 13	
		Ordinary Income/Expense	
		Income	
ASSETS	Sep 30, 13	46400 · Miscellaneous Income	
Current Assets		46430 · Interest Income	4.30
Checking/Savings		Total 46400 · Miscellaneous Income	4.30
10500 · Checking Account	5,134.23	47200 · Program Income	
10600 · Money Market	18,593.38	47230 · Membership Dues	3,300.00
10700 · Scholarship Funds	12,963.69	47235 · Classification Fee	45.00
Total Checking/Savings	36,691.30	47255 · Emblem	10.00
Accounts Receivable		47260 · Anniversary Coins	25.00
11000 · Accounts Receivable	675.00	47280 · Newsletter Donation	65.00
Total Accounts Receivable	675.00	47290 · Scholarship Donation	450.00
		47295 · Safety Seminar Income	1,310.32
Total Current Assets	37,366.30	Total 47200 · Program Income	5,205.32
TOTAL ASSETS	37,366.30	Total Income	5,209.62
LIABILITIES & EQUITY		Expense	
Equity		60900 · Business Expenses	1,591.34
30000 · Opening Balance Equity	35,674.88	62890 · Meeting Room Expenses	299.85
32000 · Unrestricted Net Assets	2,365.02	65015 · Misc Expense	30.94
Net Income	-673.60	65020 · Postage, Mailing Service	153.07
Total Equity	37,366.30	65030 · Printing and Copying	97.47
TOTAL LIABILITIES & EQUITY	37,366.30	65100 · Other Insurance	200.00
		65160 · Website Expenses	2,750.00
		68300 · Travel and Meetings	
		68330 · Events/Lectures	760.55
		Total 68300 · Travel and Meetings	760.55
		Total Expense	5,883.22
		Net Ordinary Income	-673.60
		Net Income	-673.60

Respectfully submitted by,
 Jack B. Hirschmann
 Treasurer VOS
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Industrial Hygiene

5 Steps to Successful Exposure Assessments

By Jerome E. Spear, CSP, CIH

(Christopher Gates submitted for newsletter and editor got approval from author)

The better our understanding of exposures and the risks they pose, the more assurance we have that we are controlling the most important (highest risk) exposures first. Control efforts (such as engineering, work practice, or personal protective equipment) are often costly to implement and maintain. Therefore, it is critical that those efforts be appropriately prioritized, deployed, and managed. Implementing a systematic exposure assessment and control process, allows prioritization of exposure monitoring and control efforts to use limited funds wisely. The strategy is cyclic in nature and is used most effectively in an iterative manner that strives for continuous improvement (Ignacio and Bullock, 2006). The basic steps include the following:

1. Gather information and data to characterize the project site (or facility), process, operations, work force, and environmental agents.
2. Define similar exposure groups (SEGs) by process, task, environmental agents, and engineering controls.
3. Make your best "judgment" on the exposure profile for each SEG based on available information.
4. Determine the acceptability of exposure and/or need for additional exposure monitoring.
5. Collect additional data and re-assess the exposure profiles as needed.

Go to the following VOS internet webpage for the full article: <http://www.vetsofsafety.org/whats-new-in-safety-health/>



Two messages from Nigel Ellis

Three Point Control:

Language is important when describing how people climb ladders reliably as well as step at heights.

Three Point Control is the measure of reliability in the force the hands exert when a fall starts. As long as the body weight can be supported by a single handhold under dynamic conditions then three point control has been achieved for a long enough time of a few milliseconds to put the feet back in place.

Three Point Contact is the positioning of the body to balance or support the weight under static conditions and may involve the hips or shoulder when using a tool at heights. It is not reliable under dynamic fall conditions

Three Point Stance is a football term used to describe body position at the snap. FMCSA has coined its use for truck drivers.

The reference for Three Point Control research is the article in November 2012 of Professional Safety Journal and the website FallSafety.com under Ladder Improvements linking to the Ph.D. thesis of Justin Young, University of Michigan 2011. Notable is the conclusion to only hold rungs and grab bars which are horizontal and not to hold vertical side rails or bars where the hand can slip with disastrous consequences.

More from Nigel Ellis dsc@FallSafety.com

Listening to Paul O'Neill at the NSC Congress:

One advantage of the Government shutdown occurring over the National Safety Congress in October 2013 was the longer period of time to listen to Paul O'Neill, visionary leader in safety when he was CEO of Alcoa and subsequently Treasurer of the United States under George W. Bush. O'Neill came from International Paper Company to Alcoa. He was committed to no injury when workers were working.

On his first day on the job as CEO, O'Neill ordered a list of all Alcoa employees injured to be on his desk every morning together with their phone numbers. He would then call some of those injured employees and ask for help in preventing a recurrence. Even first aid cases, because he was committed that no worker should be injured on the payroll. He also met with workers at a Tennessee plant involving four unions and promised them action if they would contact him even giving his home phone number.

After a month he received a call from a union member at 11 pm describing the process of lifting and moving a red hot slab from the floor after it fell from a conveyor. The worker was concerned that union members would lose their toes if sandwiched with the floor. O'Neill called the Alcoa plant manager and asked him to go in and correct the process to avoid this danger. At 4 am he received a call back saying the slab had been safely transported. That is when O'Neill said to the plant manager that he never wanted another call like this again and to take care of all safety problems in the plant.

That is when the "Tom-Tom" communication system came into effect as news spread, and the 330 properties under Alcoa control all automatically applied the responsibilities without any need to call any further managers. He further said there was no budget for safety which disturbed the company accountants, and in opposition to the attorneys seeking to not reveal injury information, he offered to pay any lawsuit judgment out of his own pocket. After 12 years as CEO there was never a lawsuit O'Neill said.

As a result, the incident rate dropped by a factor of three over his time as CEO.

The commitment that Paul O'Neill made to his company employees was shown that first day in October when many current and former employees gathered around him at the conclusion of his talk and spoke about their respect and loyalty to him for his policies.

John Howard, leader of NIOSH was in attendance as a co-speaker and expressed his awe at O'Neill's commitment and results.

OSHA lists 28 rulemakings on Fall Unified Agenda

brought to you by Mark Rater

<u>Agency</u>	<u>Agenda Stage of Rulemaking</u>	<u>Title</u>	<u>RIN</u>
DOL/OSHA	Prerule Stage	Bloodborne Pathogens	1218-AC34
DOL/OSHA	Prerule Stage	Infectious Diseases	1218-AC46
DOL/OSHA	Prerule Stage	Reinforced Concrete in Construction and Preventing Backover Injuries and Fatalities	1218-AC51
DOL/OSHA	Prerule Stage	Standards Improvement Project IV	1218-AC67
DOL/OSHA	Prerule Stage	Review/Look back of OSHA Chemical Standards	1218-AC74
DOL/OSHA	Prerule Stage	Process Safety Management and Prevention of Major Chemical Accidents	1218-AC82
DOL/OSHA	Prerule Stage	Definition and Requirements for a Nationally Recognized Testing Laboratory	1218-AC83
DOL/OSHA	Prerule Stage	Subpart E Scaffolds, Ladders and Other Working Surfaces	1218-AC85
DOL/OSHA	Proposed Rule Stage	Occupational Exposure to Crystalline Silica	1218-AB70
DOL/OSHA	Proposed Rule Stage	Occupational Exposure to Beryllium	1218-AB76
DOL/OSHA	Proposed Rule Stage	Combustible Dust	1218-AC41
DOL/OSHA	Proposed Rule Stage	Injury and Illness Prevention Program	1218-AC48

DOL/OSHA	Proposed Rule Stage	Improve Tracking of Workplace Injuries and Illnesses	1218-AC49
DOL/OSHA	Proposed Rule Stage	Approved State Plans for Occupational Safety and Health	1218-AC76
DOL/OSHA	Proposed Rule Stage	Amendments to the Cranes and Derricks in Construction Standard	1218-AC81
DOL/OSHA	Proposed Rule Stage	Clarification of Employer's Continuing Obligation to Make and Maintain an Accurate Record of Each Recordable Injury and Illness	1218-AC84
DOL/OSHA	Proposed Rule Stage	Cranes and Derricks in Construction: Operator Certification	1218-AC86
DOL/OSHA	Proposed Rule Stage	Updating OSHA Standards Based on National Consensus Standards Eye and Face Protection	1218-AC87
DOL/OSHA	Final Rule Stage	Confined Spaces in Construction	1218-AB47
DOL/OSHA	Final Rule Stage	Electric Power Transmission and Distribution; Electrical Protective Equipment	1218-AB67
DOL/OSHA	Final Rule Stage	Walking Working Surfaces and Personal Fall Protection Systems (Slips, Trips, and Fall Prevention)	1218-AB80
DOL/OSHA	Final Rule Stage	Procedures for Handling Employee Retaliation Complaints Under the National Transit Systems Security Act; Surface Transportation Assistance Act; and Federal Railroad Safety Act	1218-AC36
DOL/OSHA	Final Rule Stage	Occupational Injury and Illness Recording and Reporting Requirements--NAICS Update and Reporting Revisions	1218-AC50
DOL/OSHA	Final Rule Stage	Procedures for the Handling of Retaliation Complaints Under Section 806 of the Corporate and Criminal Fraud Accountability Act of 2002, as Amended	1218-AC53
DOL/OSHA	Final Rule Stage	Procedures for the Handling of Retaliation Complaints Under the Consumer Financial Protection Act; the Seaman's Protection Act; and the FDA Food Safety Modernization Act	1218-AC58
DOL/OSHA	Final Rule Stage	Vertical Tandem Lifts	1218-AC72
DOL/OSHA	Final Rule Stage	Procedures for the Handling of Retaliation Complaints Under Section 1558 of the Affordable Care Act of 2010	1218-AC79
DOL/OSHA	Final Rule Stage	Procedures for the Handling of Retaliation Complaints Under the Employee Protection Provision of the Moving Ahead for Progress in the 21st Century Act	1218-AC88

Information from RegInfo.gov

S, H & E Information Update

CSB Incident Investigation Videos

The US Chemical Safety Board is making available all 31 videos they have created as a result of incident investigations they have conducted. Go to www.csb.gov to learn how to acquire those videos free of charge.

OSHA Hazard prevention Fact Sheet

OSHA has published an "Injury and Illness Prevention Programs" fact sheet to aid companies to find and fix workplace hazards in a proactive manner rather than waiting for someone to become involved in an incident. Go to www.osha.gov locate this document.

Nail Gun Safety

NIOSH has developed a safety comic to help get the message out about nail gun safety. The document titled "Straight Talk about Nail Gun Safety" is not only available in print but can be downloaded to smart phones and tablets. Go to www.cdc.gov/niosh to find out more about this important resource.

OSHA/NIOSH Joint Hazard Alert

OSHA and NIOSH have issued a joint hazard alert on 1-bromopropane which is being used as a solvent in manufacturing, dry cleaning and spray adhesives among others. Serious health effects have been expected to those exposed on a regular basis. Go to www.osha.gov/publications/osha_3676.pdf to download the alert.

Women in Construction webpage by OSHA

OSHA has put in place a webpage addressing construction issues specific to women to provide better proactive activities for prevention with respect to these issues. Additionally it is expected to help retain women workers in the construction industry. Go to www.osha.gov/doc/topics/women to view the page.

Combustible Dust Fires and Emergency Responders

OSHA has created a publication "Firefighting Precautions with Combustible Dust" to help firefighters plan on how to safely deal with a fire involving potential combustible dust conditions. Go to www.osha.gov/publications/osha_3644.pdf for a look at the document.

Warren K Brown, CSP, ARM, CSHM