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Treasurer's Report

1/1/2006	through	8/1/2006
Inflows \$		
Dues		770.00
TeleWeb Seminars		330.00
Uncategorized		560.00
TOTAL INFLOW		1,660.00
Outflows \$		
Science Fair		348.33
Leadership Conf.		127.42
TeleWeb Seminars		530.00
Mail Service		200.00
TOTAL OUTFLOW		1,205.75
Overall Totals \$		
Annual Total		454.25
Checkbook Balance		TBD
Certificate of Deposit		TBD
OVERALL TOTAL		\$454.25

North Texas Section - American Industrial Hygiene Association



President Elect's Message by Marie Martin

I hope to see you all at the OSHA Update on September 26 at the Ruthe Jackson Center in Grand Prairie. I'll try to have a big name tag on, and if you don't know me yet, I'd like to know you. It's a pleasure to serve you, and I hope this is a great experience for all of us.

This month there is something to talk about that is close to my heart: ABIH requirements for those seeking to take the CIH exam. The ABIH board recently announced the following changes:

- ✓ reduce the required number of years of industrial hygiene experience while continuing to allow an experience waiver with the maximum equivalency;
- ✓ eliminate adherence to a specific percentage of time spent practicing professional level industrial hygiene;
- ✓ allow consideration of pro-

fessional level experience prior to completion of an acceptable bachelor's degree.

This change allows a group of people who find themselves with EHS responsibilities to demonstrate their competence and pursue CIH certification. It is an opportunity for the CIH to remain strong and for the Academy to remain a large, vibrant group with members who interact with the related disciplines.

If you're concerned that this dilutes the CIH, the Academy has applied safeguards to assure the applicants are truly working in broad-based, professional level industrial hygiene. The experience must be professional and based on independence, depth, interaction and responsibility. Experience must cover the entire range of anticipation, recognition, evaluation, control and management of occupational health hazards. It must also cover a variety

of work environments and at least two types of stressors: chemical, physical, biological, or ergonomic. (Research or teaching at a professional level may be eligible for credit, which means there's hope for me yet). References must include a CIH familiar with the applicant's work or a reasonable substitute. Of course, there is still an education requirement for an acceptable bachelor's degree plus coursework in industrial hygiene.

The CIH has become more accessible to industrial hygienists without endangering its robust reputation. It is a certification to be proud of.

We invite those of you who have your CIH or CSP to help maintain your certification by joining us at the OSHA Update on September 26 or the NTS-AIHA PDC on November 14. And do come and say hello, if you don't know me yet.

OSHA Update at The Ruthe Jackson Center

Please join the NTS-AIHA and both the Forth Worth and Southwest Chapters of the ASSE for an OSHA update, September 26th, 2006 at the Ruthe Jackson Center in Grand Prairie.

Early registration is \$65 per person or \$50 for NTS-AIHA, FW-ASSE, and SE-ASSE members who register before September 19th. After that, the price is \$75 per person, or \$60 for NTS-AIHA, FW-ASSE, and SW-

ASSE members. To register, send an email to Don Hudnall (<mailto:dhudnall@bellhelicopter.textron.com>) or call 817-280-2832. Payment will be accepted at the door starting at 7:30 am on the day of the Update.

Vendors may set up exhibits for no additional cost above the registration fee. Send an email to Mike Donahue (<mailto:mile.donahue@abbott.com>) with how much space you

will need. Setup will be available at 7 am. The schedule includes updates from our local OSHA offices, PPE, NFPA 70E, and Fall Protection updates, the Hexavalent Chromium standard, and much more. The best thing? Lunch is included!

For more information email Kelly at (<mailto:kadennison@bellhelicopter.textron.com>).

Looking for a scientific report by a governmental agency? Try Science.gov

Grumpy and Accident Prone? Go to Science.gov for the Naval Health Research Center Report No. 05-16, "Occupation, Personality and Accidents: An Exploratory Study of Aggregate Associations."

"Safety is something that happens between your ears, not something you hold in your hands."

—Jeff Cooper, former Marine Lt. Colonel and founder of the American Pistol Institute



Let us know how you like the new format!

OSHA Issues New Assigned Protection Factors

Assigned Protection Factors (APFs) for respiratory protection programs are being incorporated into OSHA's Respiratory Protection (RPP) Standard as of August 23, 2006. This final rule completes the revision of the reserve sections of OSHA's RPP Standard as published in 1998.

Edwin G. Foulke, Jr., the Assistant Secretary of Labor said, "This standard helps employers and employees select the right respirator for the job."

APFs are the what indicate the

level of workplace respiratory protection that a respirator or class of respirators is expected to provide to employees when used as part of an effective RPP program.

Employers compare the workplace exposure level and the maximum concentration of the contaminant in which a particular type of respirator can be used (the Maximum Use Concentration or MUC) by multiplying the respirator's APF by the contaminant's exposure limit. If the contaminant level is higher than the respirator's MUC,

the employer must choose a respirator with a higher APF.

A quick comparison between OSHA's APFs and NIOSH Publication No. 2005-100 Respirator Selection Logic 2004, revealed that OSHA was more stringent with regard to pressure-demand supplied air respirator with a full face piece. To compare the tables yourself, you can go to the OSHA web site: <http://www.osha.gov> and the NIOSH web site: <http://www.cdc.gov/niosh/docs/2005-100/chapter3.html>.

Sampling with Diffusive Badges? Read This!

One of the first diffusive samplers to appear on the market was 3M's mercury monitor in 1977. Skeptical at first, IHS applauded this breakthrough because of the convenience and portability. One question remained: are they as effective as active samplers?

Diffuse (or passive) samplers depend on a constant flow of air over the badge sampling face. If the movement of air is not rapid enough, the result could be an underestimation of exposure. Monitors with sampling rates from 100 to 200 ml/min require very high air movement that is not typically found in the workplace. Luckily, most passive samplers validated by OSHA are in the 50 ml/min or less sampling rate range.

Sorbents that allow for thermal desorption are now used by the U.S. EPA for VOCs in indoor air. OSHA's policy is that only fully validated methods are allowable for compliance sampling. Others, such as those with manufacturer's validations, should be used for screening only, provided OSHA has a sampling rate variation for that sampler. Before you sample:

- ✓ Is it for compliance, or just a survey?
- ✓ Is there an OSHA method?
- ✓ Has the manufacturer conducted any validation studies?
- ✓ Has the sampling rate been calculated or is it empirically derived?

- ✓ Has a third party performed an OSHA validation?
- ✓ Have you checked with your laboratory to get its recommendations?

From the legal perspective, any employer may use any method that works to monitor employees. Even 29 CFR 1910.1001 does not mention specific methods to use. Some standards specify the accuracy required for TWA measurements, but not analytical methods.

Credit for this article goes to Fred Posey and Azucena Estillore-Salkin. For the full article, see the August edition of the Synergist at <http://www.aiha.org/MembersOnly>



Fatal work injuries resulting from exposure to harmful substances or environments rose 7 percent in 2005. This overall increase was led by a sharp increase in the number of workers who died after exposure to environmental heat, from 18 fatalities in 2004 to 47 in 2005. Higher numbers of fatal work injuries resulting from the inhalation of caustic, noxious, or allergenic substances also contributed to the overall increase. (Source: Bureau of Labor Statistics)

MARK YOUR CALENDARS!!

National Safety Council Congress and Expo

Date: November 3 – 10, 2006
Location: San Diego, California
Contact: <http://www.nsc.org>

Solutions in Safety Through Technology Symposium

Date: November 16-17, 2006
Location: Scottsdale, AZ
Contact: <http://www.asse.org/techsymposium>

Symposium on Pandemics: Community Impacts and Professional Responses

Date: November 30, 2006
Location: Austin, TX
Contact: <http://www.texashillcountryaiha.org>

Heart of Texas 5th Annual Health & Safety Conference

Date: November 2-3, 2006
Location: Texas State Technical College, Waco, TX
Contact: <mailto:jerry.atlas@tstc.edu>

Mold, Moisture, and Remediation Workshop

Date: November 13-16, 2006
Location: Cincinnati, OH
Contact: <http://acgih.org>

SeminarFest 2007

Date: January 21-27, 2007
Location: Las Vegas, NV
Contact: <http://asse.org>



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New York Offering Compensation for Workers

The New York State Workers' Compensation Law has just been changed to help all workers and volunteers who were exposed to dust and smoke at the World Trade Center clean-up and recovery between Sept. 11, 2001 and Sept. 12, 2002.

Those eligible include volunteer and paid workers who did rescue, recovery or clean-up work anywhere in Manhattan south of Canal or Pike Streets, on the

barge operation between Lower Manhattan and Staten Island, at the Staten Island landfill, or at the NYC morgue.

According to the New York Committee for Occupational Safety and Health (<http://www.nycosh.org>), those that file do not have to live in New York State. They also do not have to be actively experiencing symptoms related to the exposure to

dust and smoke.

Five years after the attacks in NYC, health-related illnesses attributable to the WTC dust are growing. Over 71,000 workers, volunteers, and residents have enrolled in the WTC Health Registry, sponsored in part by Mt. Sinai Hospital, Columbia University, and the CDC. For more information, go to www.nycosh.org.

Do you own a business? Do you want some advertising?

Have we got a space for YOU!

Contact Kelly Dennison for more information!



Stay Tuned...

A Full Day PDC in November featuring SKK and TSI

Membership Application



We're on the Web!
See us at:

<http://www.aiha.org/LocalSections/html/NTS/homepage.htm>

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NTS-AIHA Membership Benefits Include:

- ⇒ Subsidized meetings and member discounts
- ⇒ \$10 savings on each issue of newsletter sponsorship. \$15/issue for non-members, \$5/issue for members
- ⇒ NTS-AIHA Membership Directory sent in December and upon request (Members only)
- ⇒ Immediate notification of local job opportunities for members on email distribution list
- ⇒ NTS-AIHA Voting Rights

Dues are only \$15 per year!!

NTS-AIHA MEMBERSHIP APPLICATION FOR NEW AND RENEWING MEMBERS

New NAME _____

Renewing **Last** **First** **MI** **Certification** _____

Home ADDRESS _____

Business **Street/Box** **City** **State** **Zip** _____

Home ADDRESS _____

Business **Street/Box** **City** **State** **Zip** _____

NOTE: HARDCOPIES WILL NOT BE MAILED.

EMAIL ADDRESS (provide one only) _____

Home _____

Business PHONE _____

Do you wish to receive email notification of job opportunities? YES NO

If YES, what type of job would interest you? LOCAL ALL

Are you a National AIHA Member? YES NO

SIGNATURE _____ DATE _____

DUES ARE \$15 PER YEAR! MAKE CHECKS PAYABLE TO NTS-AIHA. SEND THIS FORM AND PAYMENT TO NTS-AIHA, P.O. BOX 610925, DALLAS, TX 75261. FEDERAL TAX ID: 31-1254249.