



# Newsletter

## WORLD SAFETY ORGANIZATION

editorialstaff@worldsafety.org

March/April 2015

# 28th

## WSO International Environmental and Occupational Safety & Health Professional Development Symposium

**October 25-28**  
Parañaque City, Philippines

# It's more Fun with Safety!

### IN THIS ISSUE

Call for Papers  
Page 2

Paper Outline/Abstract  
Page 3

Symposium Registration Form  
Page 4

Hotel Reservation Form  
Page 5

Top 10 Reasons  
to Attend a WSO Symposium  
Page 6

Railway Level Crossing  
Page 7

WSO Endorsed Conferences  
Page 8

Travel Health and Safety  
Page 9

Hurricane/Typhoon  
Safety Preparedness  
Page 10

Electrical Risks  
in the Workplace  
Page 11

News from Around the Globe  
Page 12

Prof. Peter Leggat  
Receives Top Honor  
Page 13

Antihistamines  
and the Workplace  
Page 13

Safety and Health Job Listings  
Page 14

**Who Should Attend:** The 28th WSO Symposium is for you if you are: a WSO member, community leader, professional involved in the fields of Environmental or Occupational Safety and Health, Transportation Safety, Loss Control Consulting, Hazardous Materials Management, Hazardous Waste Management, Fire Service, Construction Safety, Insurance, Workers' Compensation, and all other related fields; at the corporate, managerial, and operational level; with the community, state, or federal agencies; with private industry; or associated with an educational institution, etc.

**Symposium Theme:** *The Symposium presentations this year will focus on "how to further improve the safety and health of workers by ensuring an accident and illness free workplace, improving their quality of life, and enabling them to have More Fun Being Safe! This important theme of the 2015 Symposium is how we learn from one another's experiences in different organizations and countries. The Symposium will focus on how to develop cooperation between different organizations and cross-disciplinary research that addresses safety promotion and injury prevention.*

The Symposium will provide a unique opportunity for corporate managers and executives, safety, health & environmental professionals, advocates of safety and accident prevention, leaders of safety organizations and WSO members from around the world where the WSO is represented through the WSO International/National Offices, WSO Chapters, and individual members. Participation in the Symposium will provide a forum for information exchange, networking, professional contact with other members and safety professionals, but most of all, learning about new programs and gaining professional knowledge at sessions, panels, and workshops presented during the Symposium. The Symposium format consists of presentations, lectures, panels, workshops, and plenary sessions. As a part of the program, Symposium attendees are invited to participate in the "WSO Global Safety Round-table" discussion where the suggestions, comments, resolutions, etc., will be formatted for submission to governmental legislation and Missions of the United Nations (UN), International Labor Organization (ILO), World Health Organization (WHO), and similar rule-making groups on the local, national, and international levels.

**Symposium Topics:** Recent events highlight some of the challenges facing the industry, such as: the growing concern with governmental regulations on safety and the environment; the high costs and financial liabilities associated with incidents; the ever-increasing number of road accidents and high fatality rates; the growing concern over security issues in industrial facilities; cyber security and information protection; the aging infrastructure and its impact on safety; and preparedness for both natural and man-made disasters

**International Participants:** The Symposiums of the World Safety Organization are always international in scope. WSO members from Europe, Asia, Australia, Africa, North America, Central America, and South America are frequent participants at the WSO Symposiums and Congresses.

**Limited Participation:** Attendance at the Symposium will be limited to approximately 250-300 individuals in order to preserve the importance of every participant, speaker, organizer, director, or attendee, as well as to insure close communications between the participants and speakers.

**Legislative Representation:** Representatives from state and federal agencies are invited to provide updates on the newest laws and latest regulations as they apply to EOSH.

**To Participate:** If you are interested in participating as an attendee or speaker/presenter, please contact the WSO International Office for Philippines for further information. You may find further information and download registration forms, hotel reservation forms, and Abstract/Outline form on the WSO website ([www.worldsafety.org](http://www.worldsafety.org)), as well as elsewhere in this issue.

LOOK  
INSIDE

# 2015 Symposium Call for Papers



## Call for Papers

Using the form on the following page or downloaded from the WSO website, please submit an abstract of the paper you wish to present. All abstracts submitted will be reviewed, and authors will be notified if the paper has been accepted. Deadline for abstract submission is 5 June 2015. Upon notification of the acceptance of your paper, the completed paper must be submitted prior to 5 July 2015 for publication in the "Symposium Proceedings."

## Symposium Format

The Symposium will provide a unique opportunity for the corporate managers and executives, safety, health & environmental professionals, advocates of safety and accident prevention, leaders of safety organizations and WSO members from around the world where the WSO is represented through the WSO International/ National Offices, WSO Chapters, and individual members. Participation in the Symposium will provide a forum for information exchange, networking, professional contact with other members, safety professionals, but most of all, learning about new programs and professional knowledge at sessions, panels and workshops presented during the Symposium. The Symposium format consists of presentations, lectures, panels, workshops and plenary sessions. As a part of the program, Symposium attendees are invited to participate in the "WSO Global Safety Round-table" discussion where the suggestions, comments, resolutions, etc., will be formatted for submission to governmental legislation and Missions of the United Nations (UN), International Labor Organization (ILO), World Health Organization (WHO), and similar rule-making groups on the local, national and international levels.

## Speaker/Panelist Information (preliminary)

If you wish to present a professional paper at the Symposium, or if you plan to participate as a member of one of the panel sessions with only a concise presentation, it is requested that you provide a brief "Paper Outline/Abstract" for evaluation by the Symposium Organizing Committee. This preliminary evaluation is needed to prevent duplications of presentations. Please complete the "Paper Outline/Abstract" (form enclosed) and indicate the length of the paper. Most presentations will be scheduled in the morning hours. The panel sessions, as well as workshops, will be scheduled in the afternoon. If you wish to present a paper, participate in one of the panels or workshops, please indicate in the enclosed form. If you have any special suggestions for another topic (or topics) to be included, please let us know.

## Manuscripts/Papers/Presentations

- Format for publication in the Symposium Proceedings: Papers should be written in concise language (English) and should be typed, double spaced, using only one side of the paper. Number the pages and leave margins (lower and upper margins 1" or 2.54cm; left and right margins 1-1/4" or 3.17cm). A separate title page should contain the title, author's full name, qualifications, and a half-page résumé, together with a complete mailing address. Please submit text composed in Microsoft Office Word (MsWord), via email attachment or copied to a USB drive and mailed to us.
- Illustrations, tables, and graphs may be submitted as black and white print. Color photos are acceptable. Type legends for any photos in double spacing on separate pages.
- Statistical data should be expressed in SIUs (Standard International Units), as far as is practicable.
- References should be cited in the text by superior numbers and a full list of references given at the end of the paper in numerical sequence. References to books should include author's surnames and initials, full title, place of publication, full name of publisher, and date of publication. References to journal articles should include author's surnames and initials, full title of article, full title of journal, date of publication, volume number, issue number, and page. The accuracy of references is the author's responsibility. Check each reference in the manuscript and again in the proofs. References should be listed on a separate page.
- Authors are responsible for ensuring that their work does not infringe on any copyright.
- If desired, editing is available at the WSO World Management Center for contributors whose first language is not English.
- Reprints: No reprints are available, unless requested. There may be a charge applicable for reprints. Please contact the WSO World Management Center. Copyright of all materials is retained by the WSO; however, requests for reprinting in other journals may be approved.
- Copies of the "Symposium Proceedings" are distributed to the Missions of the United Nations, attendees at various national and international conferences where the WSO participates, WSO National Offices, attendees of the WSO sponsored/co-sponsored seminars and courses, agencies of state/ federal/etc. governments, libraries of universities, as well as numerous societies and associations (globally).

## Schedule of Dates for the Receipt of the Speaker's Documentation

- |               |  |
|---------------|--|
| 5 June 2015   | Completed "Paper Outline/Abstract" with indication of length of the presentation/workshop.   |
| 5 July 2015   | <ul style="list-style-type: none"><li>• Résumé/bio (100-150 words) must be enclosed if speaker is not a member of the WSO or has not previously presented a paper at one of the WSO symposiums.</li><li>• Abstract: 150-200 words, double-spaced</li><li>• Bio: 100-150 words, double-spaced</li></ul> |
| 5 August 2015 | Paper for publication in the "Symposium Proceedings," speaker's photo, and an updated bio (if needed)<br>Conference Registration Form and Fees must be received to confirm participation in the Symposium Program.   |



# Symposium Paper Outline/Abstract Form

28th International Environmental & Occupational Safety & Health Professional Development Symposium

Symposium Theme: *"It's more Fun with Safety!"*

October 25-28, 2015 • Solaire Resort & Casino | 1 ASEAN Boulevard, Entertainment City, Tambo, Parañaque City 1701 | Philippines

## Speaker Information

*Please print or type.*

NAME	
TITLE	COMPANY/AFFILIATION
COMPLETE MAILING ADDRESS	
ADDRESS LINE 2 (if needed)	
BUSINESS PHONE	FAX
PERSONAL PHONE [ ] Landline [ ] Cell/Mobile	EMAIL

## Paper Information

*Please print or type.*

TITLE
AUTHOR(S)
BRIEF OUTLINE: 150-200 WORDS (or you may enclose an Abstract)
BIO: 100-150 WORDS
LENGTH OF PRESENTATION (please select one) [ ] 20 min [ ] 30 min [ ] 45 min [ ] 1 hour [ ] Other _____ (please specify)

Based on the information received from you in the "Paper Outline/Abstract," the Symposium program will be formatted. If the length of the presentation would be in conflict with the program scheduling, you will be contacted regarding any changes.

I plan to attend the full conference: [ ] YES [ ] NO, I will attend only (please circle): Monday Tuesday Wednesday

I will be accompanied by spouse or guest: [ ] YES [ ] NO

## Audio-Visual Equipment\*

Please indicate which audio-visual equipment listed below you will require for your presentation:

[ ] Laptop Computer [ ] LCD Projector [ ] None Required

\*Please note: Any additional audio-visual equipment which may be required must be paid for by the speaker.

Please forward the completed form to WSO International Office for Philippines

2nd Floor, Unit 204, Xanland Place Building, 323 Katipunan Avenue, 1108 Quezon City, Philippines

Phone (632) 709-1535, 709-1738 | Fax (632) 709-1536, 709-1737 | Email: [info@wsophil.org](mailto:info@wsophil.org)



# 2015 Symposium Individual Registration Form

28th Annual WSO International Environmental & Occupational Safety & Health Professional Development Symposium  
October 25-28, 2015 • Solaire Resort & Casino • 1 ASEAN Blvd, Entertainment City, Tambo Parañaque City 1701 • Philippines

## Registration Procedure:

- Please complete registrant information portion of this form. • Check/tick on your registration fee and enclose payment with the registration form.
- Kindly send the completed registration form and payment on or before October 5, 2015. • Letter of confirmation will be sent to you upon receipt of your registration and payment.
- This registration form is also available for download from the WSO website: [www.worldsafety.org](http://www.worldsafety.org).

## Hotel Booking/Reservation:

- Symposium venue will be the Solaire Resort & Casino, Parañaque City, Philippines. The hotel has blocked rooms for Symposium participants at a discounted rate of \$170.45 (net) per night, single or double occupancy. Please contact the Solaire Resort & Casino directly at telephone (63) 2 888-8888 or fax (63) 2 883-8917 no later than July 20, 2015, to make your reservation.
- Please identify yourself as a WSO Symposium attendee upon reservation with the hotel to avail of the discounted rate. Our hotel rooms are of limited slots; thus, please make your reservation as early as possible. The hotel reservation form is available for download from the WSO website: [www.worldsafety.org](http://www.worldsafety.org).

## Symposium Registration Fees: Please choose desired fee (check/tick box)

PARTICULAR	Payment before July 20, 2015	Payment During the Month of August 2015	Payment after September 1, 2015	Payment On-Site (during the Symposium)
Delegate: WSO Member	<input type="checkbox"/> \$350.00 (US)	<input type="checkbox"/> \$400.00 (US)	<input type="checkbox"/> \$450.00 (US)	<input type="checkbox"/> \$500.00 (US)
Delegate: Non Member	<input type="checkbox"/> \$375.00 (US)	<input type="checkbox"/> \$425.00 (US)	<input type="checkbox"/> \$475.00 (US)	<input type="checkbox"/> \$525.00 (US)
Speaker: WSO Member	<input type="checkbox"/> \$300.00 (US)	<input type="checkbox"/> \$350.00 (US)	<input type="checkbox"/> \$400.00 (US)	<input type="checkbox"/> \$450.00 (US)
Speaker: Non Member	<input type="checkbox"/> \$350.00 (US)	<input type="checkbox"/> \$400.00 (US)	<input type="checkbox"/> \$450.00 (US)	<input type="checkbox"/> \$500.00 (US)
<b>Other Fees:</b>		<b>PLEASE NOTE</b> <ul style="list-style-type: none"><li>• WSO Corporate Members may avail the following discounts:<ul style="list-style-type: none"><li>➢ 5% over-all on registration fee for five (5) attendees</li><li>➢ 10% over-all on registration fee for ten (10) attendees</li><li>➢ 20% over-all on registration fee for twenty (20) attendees</li></ul></li><li>• Registration fee includes:<ul style="list-style-type: none"><li>➢ Kits, Symposium materials, and attendance of all Technical Presentations to be issued on-site.</li><li>➢ Daily snacks and lunch buffet (daily dinner not included)</li></ul></li><li>• All payments should be made in advance and with either US Dollar or Philippine Peso Funds.</li></ul>		
WSO Awards Banquet included in the registration fee.				
Spouse/Guest Awards Banquet (per add'l person)	<input type="checkbox"/> \$45.00 (US) No. of Pax: _____			
Continuing Education Units (CEUs)	<input type="checkbox"/> \$20.00 (US) For USA Only			

**Total Amount Due:** \$ \_\_\_\_\_ (US) **Total Amount Due:** \$ \_\_\_\_\_ (Php)

## Registrant Information: Please type or print

NAME (Last, First, Middle Initial):				[ ] Mr. [ ] Mrs. [ ] Ms. [ ] Dr.
AFFILIATION/COMPANY:				
POSITION/TITLE:			EMAIL:	
ADDRESS (Line 1): [ ] Home [ ] Work				
ADDRESS (Line 2):				
CITY:	STATE/PROVINCE:	POSTAL CODE:	COUNTRY:	
BUSINESS PHONE:	FAX NO:	MOBILE NO:		

## Payment Method

Payment: ☐ Check No: \_\_\_\_\_ (payable to World Safety Organization) Total Amt: Php \_\_\_\_\_ Total Amt \$ \_\_\_\_\_ Bank: \_\_\_\_\_

Charge Payment to my Card: ☐ Visa ☐ MasterCard

Your name as it appears on the card: \_\_\_\_\_ Expiry Date: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Cancellation Policy

- Should you need to cancel your reservation after payment has been made, refund will be less of Administration Fee of \$50 (US) valid until June 25, 2015.
- 50% will be refunded for cancellation until July 23, 2015.
- There will be no cancellation or refund allowed after August 25, 2015. You may instead send a substitute to attend.

## Room Reservation Form

28th Annual WSO International Environmental & Occupational Safety & Health Professional Development Symposium  
October 25-28, 2015 • Solaire Resort & Casino • 1 ASEAN Blvd, Entertainment City, Tambo Parañaque City 1701 • Philippines

### BOOKING CONTACT

Please completely fill in and email/fax the form to the attention of "Reservations."  
Tel: (63) 2-888-8888 | Fax: (63) 2-883-8917 | Email: [reservations@solaireresort.com](mailto:reservations@solaireresort.com)

SURNAME:		FIRST NAME:	
JOB TITLE:			
COMPANY NAME:			
COUNTRY:			
TELEPHONE NUMBER:		FACSIMILE NUMBER:	
E-MAIL ADDRESS:			
PASSPORT NUMBER:	EXP. DATE:	NATIONALITY:	

ARRIVAL DATE:	DEPARTURE DATE:
ARRIVAL FLIGHT/TIME:	DEPARTURE FLIGHT/TIME:

### ROOM CATEGORIES

- **Deluxe City View:** Single/Double: Php 7,500.00 net/night (\$175.00 USD)
- **Deluxe Bay View:** Single/Double: Php 8,000.00 net/night (\$197.00 USD)
- **Grand Deluxe Room:** Single/Double: Php 10,500.00 net/night (\$245.00 USD)
- **Sky Studio Suite:** Single/Double: Php 13,500.00 net/night (\$313.00 USD)

*\*\*USD exchange rate may vary depending on the room posting upon check-in/arrival*

- All rates are net of taxes.
- Inclusive of buffet breakfast at "Fresh" for two persons.
- Inclusive of wi-fi internet connection and complimentary local calls.
- Add'l person will be charged at Php2,000.00 (\$46.00 USD) net/day.
- The standard check-in time is 3:00 p.m., and check-out time is 12:00 noon.
- Valid credit card details are required to guarantee the booking.

SMOKER [ ]      NON-SMOKER [ ]	BEDDING REQUIREMENT: (Subject to Availability)
TRANSFER BY MERCEDES BENZ: Not required [ ] / Arrival [ ] / Departure [ ] / Round-trip [ ] (*PHP 3,250 net – ONE WAY)	
TRANSFER BY TOYOTA ALPHARD: Not required [ ] / Arrival [ ] / Departure [ ] / Round-trip [ ] (*PHP 2,860 net – ONE WAY)	

CREDIT CARD HOLDER'S NAME:	
CREDIT CARD: AMEX [ ] VISA [ ] MASTERCARD [ ] DINERS CLUB [ ] JCB [ ]	
CREDIT CARD NUMBER:	EXPIRATION DATE:
CARD HOLDER'S SIGNATURE:	

# TOP 10 reasons to attend a WSO SYMPOSIUM

## ① Gain Tools

to Improve Your Safety Performance

## ② Low-Cost/High-Value Experience

## ③ Earn CEUs from an

## Accredited University

## ④ Learn Best Practices within the Safety Field

## ⑤ Learn about Emerging Issues and How to Solve Them

## ⑥ Network with Peers

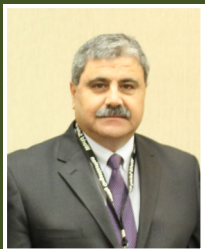
## ⑦ Benefit from Renowned Keynote Speakers

## ⑧ Develop Leadership Skills

## ⑨ Interact with Safety Professionals from Around the World

## ⑩ Establish Credit towards your Re-Certification





## Railway Level Crossing Safety

**Prof. Dr. Elias M. Choueiri**, General Director in the Ministry of Public Works and Transport; President, Lebanese Association for Public Safety (LAPS); Director, WSO National Office for Lebanon; Lebanon. **Prof. Dr. Georges M. Choueiri**, Professor at the Lebanese University (UL); Member, Lebanese Association for Public Safety (LAPS), Lebanon. **Dr. Bernard M. Choueiri**, Chief Justice, Ministry of Justice, Nabatiyeh Province, Lebanon; Member, Lebanese Association for Public Safety (LAPS), Lebanon.

*Prof. Dr. Elias M. Choueiri has served as the General Director in the Ministry of Public Works and Transportation, Lebanon, since 1995 and as General Director of Railways and Public Transportation Authority between 1993 and 1995. Dr. Choueiri has been diligently committed to improving the safety of roadway services in Lebanon by appearing on TV programs and radio talk shows, publishing articles on the subject matter in national and international journals, and taking part as a speaker in national and international conferences and seminars. His research interests are mainly in the areas of highway design, traffic safety, driving dynamics, driver behavior, and railway transportation. A co-author of seven books on "Highway Design and Traffic Safety Engineering" and "Informatics," and over 300 referred publications, technical reports, conference presentations, and newspaper articles. Dr. Choueiri has taught engineering, mathematics, and computer related courses at several Lebanese Universities. Dr. Choueiri is also the Director of the WSO National Office for Lebanon.*

### ABSTRACT

Train drivers all around the world are unfortunately too familiar with the problem of people crossing the railway line at level crossings after the warning signals have already indicated that a train is approaching, manoeuvring around barriers (if present) that are already in the process of closing, in order to fast reach their destination – probably not thinking that, in doing so, they may fast reach their final destination!

### Dangerous Road-User Behavior at Level Crossings

The level crossing is the location where the railway line intersects the roadway and, thus, it is here where the train is confronted by users of other modes of transport, be it pedestrians, cyclists, motorbike riders, car and truck drivers, etc., each with their own form of, often unpredictable, traffic behaviour. It is here where the risk lies – when a train travels from A to B it has the right of way on its route. However, at level crossings, the behaviour of individual road users determines whether or not this right of way is impeded and, thus the safety at these locations.

Road users vary greatly in their traffic behaviour and also in their understanding of traffic safety issues. Also, there is an increase in the number of people that partake in road traffic whilst under the influence of substances that impair traffic safety judgment, e.g. alcohol, drugs, medicines, etc. However, even without being under the influence of these substances, their traffic behaviour can show signs of irresponsibility when, at level crossings, they take enormous risks in erratically trying to get across whilst the train is already approaching.

Warning signals at level crossings are in place for a reason – to warn people that a train is approaching and that one should exercise caution. However, many people seem to think that it is a starting signal to act irresponsibly, and to try and beat the train to who will be first to pass the level crossing. Their lack of judgment and their irresponsible traffic behaviour often ends in death, and then the person's body is not going anywhere at all, except to its last resting place.

If not ending in death, the accidents may result in severe injuries, both physical and psychological, with people often maimed for life. The psychological impact on all those in-

involved is large, as the accidents do not affect only the person trespassing and the people on-board the train – not in the least the train driver, but also their loved ones. Train braking distance is related to the operating speed and weight of the train. However, whatever speed the train travels at, braking to avoid sudden "objects" on the track is hard for the train driver. He has to think on his feet and act quickly, in order to try and avert the worst. There is also a financial impact, as there is a cost burden on the healthcare system, as well as the fact that resulting traffic hindrances have their inherent costs. All this for the sake of people not wanting to wait for a few minutes at the level crossing – the possible consequences far outweigh the timesaving the trespasser thinks of making.

Today, there are various organisations that draw attention to safety awareness at level crossings. Since 2009, there has even been an annual "International Level Crossing Awareness Day (ILCAD)", which indicates that the importance of safety at level crossings is an issue that is not to be underestimated.

### International Level Crossing Awareness Day (ILCAD)

On 3 June 2014, the 6th edition of ILCAD was launched in Lisbon, Portugal, under the auspices of the International Union of Railways (UIC) and REFER, the Portuguese rail infrastructure manager. On this day, using educational material and other activities, attention was drawn worldwide to safety awareness issues surrounding level crossings, as well as to the need for a change in road-user behavior.

In a press release issued by UIC to mark ILCAD [1], UIC estimates that there are more than 600,000 level crossings around the world, and notes that, since 2009, it has coordi-

Continued on Next Page

nated the ILCAD initiative with support from organisations such as the Community of European Railway and Infrastructure Managers (CER), the European Rail Infrastructure Managers (EIM), the European Transport Safety Council (ETCS) and Operation Lifesaver.

The press release also presents some statistics from the "Safety Performance Report 2014," compiled by the European Railway Agency (ERA), which show that in 2012:

- there were some 114,000 level crossings in the European Union (EU);
- on average, each day, one person got killed and almost one person got seriously injured at level crossings in the EU;
- there were 573 serious accidents at level crossings in the EU, which resulted in 369 fatalities and 339 serious injuries;
- the number of fatalities represented 29% of all accidental deaths concerning railways, as against 1% of road fatalities – what may be considered a minor problem for the road sector, is a huge problem for the railway sector.

The press release then continues to note that:

- almost all accidents that take place at level crossings (at least in Europe) are caused by errors or deliberate misbehaviour by road users, including pedestrians, who do not respect traffic signs and signals, and that these people often live and work near level crossings;
- collisions at level crossings can result in derailments, death or serious injury to railway staff and train passengers,

and post-traumatic stress, as well as long, costly and awkward delays for both road and rail users, and expensive damage to the infrastructure and rolling stock;

- a train travelling at 90 km/h takes up to 1,200 m to stop, depending on the weight of the train, whilst a car travelling at 100 km/h takes up to 80 m to stop;
- a train can weigh between 130 to 6,000 t, depending on the type of train and the country in which it is operated (in comparison, in Europe, the average weight of a car is 1 t);
- using a level crossing is safe as long as users respect the Highway Code and traffic signals that are in effect.

The above, in essence, sums up why it is so very important to continue to draw attention to the issue of safety awareness at level crossings, and that it is important that the road and railway sector work together on this issue, as it affects them both.

### Final Remark

That there is one day a year on which, worldwide, one stands still at the issue of safety awareness at level crossings is, of course, great, but it would be far better if people stood still at level crossings every single day of the year! ■

### Reference

[1] UIC Press Release No. 25/2014: '6th edition of ILCAD, the International Level Crossing Awareness Day Press Conference and Round Table, 3 June 2014, Lisbon, Portugal', International Union of Railways (UIC), Paris, France, 2 June 2014.

## International Conferences Endorsed by the WSO

### World Day for Safety and Health at Work

April 28, 2015 | Ikoyi, Lagos, Nigeria | [www.worldsafety.org.ng](http://www.worldsafety.org.ng) | Tel. 0809 806 0700

### 4th Middle East OHS Strategy Forum

May 5-7, 2015 | Abu Dhabi, UAE | <http://hse.fleminggulf.com/middle-east-ohs-strategy-forum>

### 5th Edition Waste Management & Recycling Summit

May 6-7, 2015 | Jeddah, Saudi Arabia | <http://nispana.com/wmrksa>

### 3rd Annual HSSE Forum

May 31-June 2, 2015 | Muscat, Oman | <http://hsseforum.com>

### WSO 28th Annual Int'l Environmental and Occupational Safety and Health Professional Development Symposium

October 25-28, 2015 | Manila, Philippines | [www.worldsafety.org](http://www.worldsafety.org) | [info@worldsafety.org](mailto:info@worldsafety.org)

**NEW!** Advertise  
with the WSO!

To advertise your Business/Company, Professional Consulting Services, Professional Conferences, WSO Chapter Meetings, Job Listings, Training Events, Etc., in the WSO Newsletter or on the WSO Website, please contact the WSO WMC at 660-747-3132 or [editorialstaff@worldsafety.org](mailto:editorialstaff@worldsafety.org).



# Travelers Urged to Remember Travel Health, Safety

**Professor Peter Leggat**, WSO-CSE/CSM/CSS/SSD, World Safety Collaborating Centre for Travel Health and Safety, Anton Breinl Centre, James Cook University, Townsville, Australia, Travel Health Advisory Group, Australasian College of Tropical Medicine, Brisbane, Australia\*

Professor Peter Leggat is currently head of the School of Public Health, Tropical Medicine and Rehabilitation Sciences at James Cook University (JCU) in Australia, where he has served for more than 20 years. Prof. Leggat is a long-time member of the WSO, with ongoing commitment to WSO Collaborating Centers, numerous contributions to WSO publications, contributions to WSO conferences, and a high professional stature in the field of safety. He is a current member of the WSO Board of Directors, recipient of the 1988 WSO World Safety Person of the Year award, and former WSO Director-General.

There was a record 1.138 billion international arrivals in 2014, according to data released recently by the United Nations World Tourism Organization (UNWTO).<sup>1</sup> This was an increase 4.7% on the previous year. The Americas was the best performing region with 7% growth followed by the Asia Pacific region at 5%.<sup>1</sup>

Travelers are being urged to seek travel health and safety advice in preparation for their upcoming holidays abroad.

The most recent research reveals that up to two thirds of travelers may not be allowing enough time to ensure adequate protection against vaccine-preventable diseases.<sup>2</sup> Travelers should preferably allow at least 6-8 weeks before their travel if they want to ensure they are adequately protected against the full range of potential infectious diseases related to their travel.

Allowing enough time to ensure adequate protection is paramount for people travelling to at-risk destinations. Last minute vaccination will not protect travellers against the full spectrum of infectious diseases, such as Typhoid, hepatitis B, influenza and many others. Furthermore, research shows that towards half of the people surveyed who did not get or even consider a vaccination, did not think that vaccination was necessary, and nearly one in three did not get vaccinated despite travelling to a destination where vaccinations are recommended.<sup>2</sup>

Sometimes there is confusion regarding what vaccinations are required but not seeking advice means that travelers are putting themselves at risk. While many people think they know about disease risks, the risk levels change and seeking professional advice from a doctor is the best way to determine if there is a significant risk.

## Useful Websites:

- Centers for Disease Control and Prevention, USA  
<http://wwwnc.cdc.gov/travel>
- CIA World Factbook, USA  
<https://www.cia.gov/library/publications/the-world-factbook/>
- National Travel Health Network and Centre, UK  
<http://www.nathnac.org/>
- World Health Organization, International Travel and Health  
<http://www.who.int/ith>
- Department of Foreign Affairs and Trade, Australia  
<http://www.smarttraveller.gov.au/>
- Travel Health Advisory Group, Australia  
<http://www.welltogo.org.au>

\* *The Travel Health Advisory Group (THAG), Australia, is a joint initiative between travel industry and travel medicine professionals that aims to promote healthy travel amongst travelers. The Anton Breinl Centre, James Cook University, is a Member of THAG.*

## References:

- [1] United Nations World Tourism Organization. Over 1.1 billion tourists travelled abroad in 2014. URL. <http://media.unwto.org/press-release/2015-01-27/over-11-billion-tourists-travelled-abroad-2014> (accessed 5 February 2015)
- [2] Leggat PA, Zwar N, Hudson B, Travel Health Advisory Group. Hepatitis B risks and immunisation coverage amongst Australians travelling to Southeast and East Asia. *Travel Medicine and Infectious Disease*. 2009; 7: 344-349.



# Hurricane and Typhoon Safety Preparedness

Reprinted courtesy of **Weather Underground** (<http://www.wunderground.com/prepare/hurricane.asp?MR=1>)

A hurricane or typhoon is a type of tropical cyclone, or severe tropical storm. They form in almost all ocean basins. A typical cyclone is accompanied by thunderstorms, and in the Northern Hemisphere, a counterclockwise circulation of winds near the earth's surface (clockwise in the Southern Hemisphere).



All Atlantic and Gulf of Mexico coastal areas are subject to hurricanes. Parts of the Southwest United States and the Pacific Coast also experience heavy rains and floods each year from hurricanes spawned off Mexico. The Atlantic hur-

ricane season lasts from June to November, with the peak season from mid-August to late October. The Eastern Pacific hurricane season begins May 15 and ends November 30.

In the Pacific and Indian Oceans, typhoons can affect all land masses from Asia to the Middle East to Australia.

Hurricanes and typhoons can cause catastrophic damage to coastlines and several hundred miles inland. They can produce winds exceeding 155 miles per hour as well as tornadoes and microbursts. Additionally, hurricanes and typhoons can create storm surges along the coast and cause extensive damage from heavy rainfall. Floods and flying debris from the excessive winds are often the deadly and destructive results of these weather events. Slow moving hurricanes and typhoons traveling into mountainous regions tend to produce especially heavy rain. Excessive rain can trigger landslides or mud slides. Flash flooding can occur due to intense rainfall.

Between 1970 and 1999, more people lost their lives from freshwater inland flooding associated with tropical cyclones than from any other weather hazard related to such storms.

## Hurricane and Typhoon Preparedness Checklist

- Build an emergency kit and make a family communications plan
- Know your surroundings
- Learn the elevation level of your property and whether the land is flood-prone, which will help you know how your property will be affected when storm surge or tidal flooding are forecasted
- Identify levees and dams in your area and determine whether they pose a hazard to you
- Learn community hurricane evacuation routes and how to find higher ground
- Determine where you would go and how you would get there if you needed to evacuate
- Make plans to secure your property:
- Cover all of your home's windows with permanent storm shutters or 5/8 inch marine plywood, cut to fit and ready to

install (tape does not prevent windows from breaking!)

- Install straps or additional clips to securely fasten your roof to the frame structure
- Be sure trees and shrubs around your home are well trimmed so they are more wind resistant
- Clear loose and clogged rain gutters and downspouts
- Reinforce your garage doors; if wind enters a garage it can cause dangerous and expensive structural damage
- Plan to bring in all outdoor furniture, decorations, garbage cans and anything else that is not tied down
- Determine how and where to secure your boat
- Install a generator for power outages
- If in a high-rise building, be prepared to take shelter on or below the 10th floor
- Consider building a safe room

## During a Hurricane or Typhoon

- Listen to the radio or TV for information, and keep your weather radio handy
- Secure your home, close storm shutters and secure outdoor objects or bring them indoors
- Turn off utilities if instructed to do so. Otherwise, turn the refrigerator thermostat to its coldest setting and keep its doors closed
- Turn off propane tanks
- Avoid using the phone, except for serious emergencies.
- Moor your boat if time permits.
- Ensure a supply of water for sanitary purpose such as cleaning and flushing toilets: fill the bathtub and other larger containers with water
- Find out how to keep food safe during and after an emergency

You should evacuate under the following conditions:

- If you are directed by local authorities to do so, and be sure to follow their instructions
- If you live in a mobile home or temporary structure—such shelter are particularly hazardous during hurricane no matter how well fastened to the ground
- If you live in a high-rise building—hurricane winds are stronger at higher elevations
- If you live on the coast, on a floodplain, near a river, or on an island waterway

Read more about evacuating yourself and your family. If you are unable to evacuate, go to your wind-safe room. If you do not have one, follow these guidelines:

- Stay indoors during the hurricane and away from windows and glass doors
- Close all interior doors, secure and brace external door.

Continued on Next Page

# Electrical Risks in the Workplace Environment

**Richard G. Ellis**, WSO-CSSD/CSM, President and Chief Safety Consultant, All Safety Solutions, Inc., Jacksonville, Florida

We all know that electricity is different than other types of workplace hazards/risks because it's so hard to detect, meaning that it can't be seen, heard, or smelled.

Electrocution, severe burns, and debilitating shocks are some of the terrible incidents/injuries that can result from accidents involving electricity.

Due to changes in the workplace and the fact that problems exist with the wiring in many older business structures including ordinary buildings, welding sheds, storage areas, and other such facilities, electrical safety has become a critical issue when it comes to the safety of workers. In fact, many Electric Service Companies, Insurance Companies, and Safety Consulting Firms across the country acknowledge the same facts when it comes to electrical safety. .

Issues such as electrical receptacles/outlets not being wired properly thus showing open grounds, reverse polarity, open neutrals, and shorts, etc., were found during inspection as well as plugs missing their grounding prong or showing signs of abuse, and conductors/wires pulling out of the plug ends. Also main electrical boxes were found not serviceable due to being blocked by machinery and other such objects.

Further complicating matters is that many of the older workplace buildings contain wiring that is aged and in need of replacement. In some buildings/structures, for example, decades old, rubber-covered wires are still in existence, despite fire codes that mandate their replacement. In extreme cases, this rubber insulation, when handled, will actually crumble in your hand.

You can go to any older workplace and see how many fires they have had in the past but yet no regulatory agency will undertake the task of changing these laws. The only way that significant change will occur is if banks and insurance companies insist that inspections are conducted and repairs and or upgrades are made.

Electrical safety is also affected by frequent changes in Federal, State, and Local codes as well as National Fire Prevention Association (NFPA) and industry standards. Numerous codes are changed on a regular basis due to workplace injuries and catastrophic events that contributed to changes

that enhanced the safety efforts in the workplace.

According to the National Safety Council, electrical current injuries involving such items as small appliances and electric power tools have been reduced considerably although issues still exist that could lead to personal injury or even death involving electricity.

Regardless of the efforts being utilized to reduce electric incidents, Safety Directors and Managers can help their companies reduce the likelihood of electrical injuries by requiring all receptacles and related wiring to be inspected/examined. The first step is to determine if there are any issues with the electrical receptacles or related wiring within your workplace. Some of the tell-tale signs of bad receptacles are:

- The receptacle is much too loose (Don't bend the plug's prongs to compensate for the unserviceable receptacle.)
- The receptacle doesn't work.
- The receptacle emits sparks.
- The receptacle is cracked or discolored.
- The cord is hot, which indicates heat loss, and a potentially dangerous receptacle and fire hazard.

In addition to the above, never pull or yank power cords out of the wall. This breaks down the internal parts of the receptacle until it becomes unusable.

One way to ensure that tools and appliances are plugged in correctly is by using a testing device, which measures electrical current to ensure that the wiring is correct. There are many types of testing devices available, and most are inexpensive and easy to use. Generally, it only takes a few minutes to test outlets with a testing device.

Finally, safety and risk managers alike should be aware that they can call on their local power company to conduct tests to determine if a buildings wiring is safe and serviceable. Fire Departments will tell you that they would rather see testing performed on building/structures than fight a fire.

Remember a workplace "Free of Recognized Hazards" is always best when trying to prevent worker incidents/injuries. ■

---

## Hurricane and Typhoon Safety Preparedness

*Continued from Previous Page*

- Keep curtains and blinds closed. Do not be fooled if there is a lull; it could be the eye of the storm, and winds will pick up again
- Take refuge in a small interior room, closet or hallway on the lowest level
- Lie on the floor under a table or another sturdy object
- Avoid elevators.

### Prepare For the Extreme

By the time severe weather hits, it's already too late. Disaster preparedness is about having an established safety plan. Whether it's preparedness for floods, earthquakes, hurricanes, or fires, the key to survival in disasters is planning. Use our preparedness section to stay informed, make a plan, and most importantly—remain safe in an emergency.■

## News from Around the Globe

### **WSO Nigeria Collaborates with Christ Embassy V.I. Church in Outreach Program to Students**



WSO Nigeria, in collaboration with the Christ Embassy Victoria Island Church Children's Team, visited Arch Bishop Taylor Primary School and Kuramo Primary School in Victoria Island. **Soji Olalokun**, WSO Nigeria Director, presented the SafERR program, entertained a question-and-answer period, then awarded certificates to the headmasters and staff. 120 students were in attendance at Arch Bishop Tay-

lor Primary School, and 300 students in attendance at Kuramo Primary School. WSO Nigeria would like to acknowledge with thanks the special efforts of Pastor **Obehi Oyakhilome**, WSO Nigeria Southwest office director, for initiating the collaboration with Christ Embassy V.I. Church to present the SafERR project to these two schools.

### **Training Workshop in Communication, Public Speaking, and Effective Lecturing Held for WSO-NOQ Members and Officers**



Skills Management Training Center in Doha, Qatar, hosted a series of training workshops facilitated by Master instructor **Leo Dote**, current Chairman of Education, Training, and Publication and Deputy Director for Planning and Develop-

ment of WSO-NOQ. Together with **Zaldy Aliño** (WSO-NOQ Director, Dote is proud of this accomplishment as those who finished the course can now be utilized to teach their own specialization in the field of health and safety.

### **Membership Professional Development Held by WSO Qatar Chapter**



In support of the goal of "Striving for ZERO Workplace Incidents Worldwide," the WSO Qatar Chapter held a Professional Development Workshop to improve members' safety performance, establish credits toward Re-Certification, and interact with fellow WSO safety professionals.

The topics of this workshop were focused in the areas of Transportation Fire Safety and Fire Prevention and Suppression.

Topics included:

- Road Tunnel and Bridges
- Nature of Vehicle Fires
- Cargo Tanks
- Fire Safety Practices
- Classes of Flammable and Combustible Liquids
- Rail Transportation System
- Preventing Motor Vehicle Fires
- Sprinkler System
- Fire Detection and Suppression



*For full stories and more photos, please visit the WSO website:  
<http://www.worldsafety.org/chapters/activities/>*

## Prof. Peter Leggat Receives Top Honor



*Prof. Peter Leggat, pictured left, receives Honorary Fellowship*

Exceptional contributions to tropical medicine and therapeutics by WSO Member Professor Peter Leggat have been recognized internationally with an Honorary Fellowship from the Royal College of Physicians of the United Kingdom.

The Honorary Fellowship was one of two to be awarded at a ceremony by the Faculty of Pharmaceutical Medicine, which Prof. Leggat attended in London.

Prof. Leggat has been a WSO Member for 30 years and holds the WSO-CSE/CSM/CSS/CSSD certifications. He was also formerly President/Director General of the WSO from 1997 to 1999 and currently serves on the WSO Board of Directors.

The Faculty of Pharmaceutical Medicine is a joint Faculty of the three Royal Colleges of Physicians in the United Kingdom (London, Edinburgh, and Glasgow). It offers professional membership and sets standards in specialist areas of pharmaceutical medicine in the United Kingdom.

Prof Leggat said the award reflected his University's high standing in public health and tropical medicine and he wanted to acknowledge the contributions of all his colleagues over many years.

"JCU has one of Australia's largest postgraduate programs in public health, which has been recognised internationally," he said. "We're concerned about training health professionals working in tropical Australia and beyond and actively contribute to research of health problems of the tropical world."

Prof. Leggat said that the award meant a lot to him as the nominations had come from eminent medical colleagues abroad and because Honorary Fellowship was the highest honor that the College and the Faculty could bestow upon an individual.

"It was a particularly auspicious time to receive the Honorary Fellowship as the Faculty of Pharmaceutical Medicine was celebrating its silver jubilee year," he added.

Prof Leggat has published more than 450 papers in professional journals, more than 70 chapters and about 20 books. He is presently seconded as JCU's Dean of the College of Public Health, Medical and Veterinary Sciences, which has large undergraduate and postgraduate teaching and research programs. ■

---

## Antihistamines and the Workplace

Reprinted courtesy of **Toolbox Topics** ([www.toolboxtopics.com](http://www.toolboxtopics.com))

It's Spring...time to put away heavy coats and break out the sunglasses. But the weather conditions that lead to "spring fever" also give rise to another affliction that affects many of us – hay fever.

Hay fever can make those who are sensitive to pollen miserable, interfering with work and play. Fortunately, modern medicine has developed drugs which give temporary relief from hay fever's common symptoms. As users of antihistamines and decongestants know, however, there are side affects to these over-the-counter (OTC) drugs. The side affect most often experienced is drowsiness.

A Gallup survey of allergy sufferers was conducted several years ago. This survey found that the package warnings against driving or operating heavy machinery while taking the medicine are largely ignored.

We hope that people will be aware of the drowsiness problem and watch out for it while working or driving. However, a recent Cal-OSHA Reporter article indicates this is not the case. A University Medical Center research team conducted an allergy workshop and concluded that most workers who are trying to control their allergies with OTC drugs are not aware that they are sedated. In addition to feeling drowsy, other side affects of being sedated are reduced coordination, slowed reaction time and impaired judgment. These may be even less recognizable than drowsiness, but any of this can happen when a person is not fully alert. The use of allergy

medication can also effect one's ability to focus on the work to be done by causing dizziness, nervousness, nausea, or headaches.

Working in a hazardous industry is dangerous enough in itself. You must be alert at all times and able to react to production issues, recognize safety hazards, and be an asset to the crew. So what can be done to reduce the discomfort of hay fever season, yet keep you effective at work? The following tips may be helpful:

- Consider taking the medication for only significant allergy attacks-particularly if your job involves operating machinery or power tools.
- If you need the medicine, take the smallest dose possible that will still provide a level of relief that you need.
- Before taking the medication, read not only the warnings on the outer package, but also the product insert. This small piece of paper, with equally small print, usually has much more detailed information about the product and possible side effects.
- Follow the recommended dosage. More is not necessarily better. Taking "extra doses" may only provide more side effects-and not more relief.

Finally, if you have any questions about allergy medication, ask your doctor or pharmacist. Some products may be less troublesome than others. Spring allergies can be very uncomfortable, but an accident or injury could bring an even *greater* problem into your life. ■

# Safety, Health, and Environmental Job Openings

[paul@psassociatesinc.com](mailto:paul@psassociatesinc.com) | [www.psassociatesinc.com](http://www.psassociatesinc.com) | [www/facebook.com/PaulShrenkerAssociatesInc](http://www.facebook.com/PaulShrenkerAssociatesInc)

Following is a list of some of the available job openings in the Environmental, Health and Safety area that I am working on. Should you know of anyone that might be interested in learning more about these positions please have them contact me, Paul Shrenker, directly; or, feel free to contact me yourself, and I will give you more details. My phone number is 413-267-4271; email address, [paul@psassociatesinc.com](mailto:paul@psassociatesinc.com) and fax 413-267-4287. All searches and candidate conversations are held in strictest confidence and no résumé will be mass distributed. Finder's fees paid for candidate referrals on all positions; please contact for info.

## Environmental Compliance Manager

Boston, MA area

*Our client company was founded over 100 years ago and has become one of the world's leading diversified manufacturers of specialized industrial equipment, consumables, and related service businesses having approximately 49,000 employees worldwide. This position is for one of their smaller divisions, which is a chemical manufacturer.*

**Job Description** – This position's responsibilities include: keeping up to date on compliance issues concerning local, state, and national regulations and implements the appropriate policies and procedures; conducts audits to ensure that organization and government standards on environmental health and safety are met; provides support to management by keeping them informed thus allowing sound business decisions; oversees the analysis and evaluation of air, water, and land systems to determine if pollutants are present and directs the implementation of appropriate corrective action, if necessary; evaluates operations and makes recommendations to reduce waste or pollution; appropriates and analyzes data for the submission of reports to maintain compliance with FM, NFPA, DOT, OSHA, DEP, Title-V, Air Registration, Hazardous Waste (LQG), SARA 312/311 Tier II, South Coast AQMD (Product Reports), Waste Water Discharge, SWPPP, SARA 313 (TRI), TURP, MACT 5H, MACT 4F, other MACT as Needed, GHG, RAO and EPA regulations. This position reports to the Operations Manager and currently has no direct reports though it is anticipated that a health and safety manager will report to this position in the future. This person will have responsibility over two plants, one of which is in Florida. Travel will be up to 30% but likely significantly less. **Qualifications:** B.S. degree in Environmental Science, Safety, Industrial Hygiene, Chemistry, Biology or related field; 7+ years environmental experience; thorough knowledge of hazardous materials management; experience with management systems is a plus. Relocation assistance is not available for this position.

## EHS Engineer

San Francisco Bay area

*Chemical Manufacturer with approximately 100 employees at the plant*

**Job Description** – Maintain compliance with environmental regulations, including recordkeeping, filing of Tier II reports, air permitting, updating SPCC plan, storm water, etc.; provide technical expertise on air emissions, wastewater management and waste management through permit implementation and reporting; provide analytical-based expertise such as consulting, sample collection and analysis, data interpretation and data reporting/submission to address EH&S needs; develop comprehensive strategy and oversee implementation of waste stream minimization plan; assist with planning, establishing, implementing, and maintaining a variety of environmental, health and safety programs; specifically, review, revise, and develop site Safety Standards; maintain compliance calendar (database) as it relates the job function; assist in self audits of the EHS management system; perform safety-related risk assessments and Job Hazard Analyses; participate in Root Cause Investigations, and as applicable lead the investigation; coach and train employees in

various areas of environmental compliance; perform other related duties as directed by the EHS Manager that correspond to the overall function of this position. Job responsibilities will be weighted toward environmental. **Qualifications:** BS/BA in Environmental Sciences, Health & Safety related degree, or Engineering degree; 3+ years of experience in EH&S or Operations in a chemical manufacturing environment is required; prior experience working with CalOSHA, Bay Area Air Quality Management District (BAAQMD), and California regulatory requirements in general is required; prior experience working with waste water treatment unit/plant a plus.

## Senior EHS Analyst

Akron, OH area

*Our client manufactures some of the cleanest alloy steels in the world to advance critical products in demanding applications and supply chains.*

**Job Description** – The Senior Environmental Health and Safety (EH&S) Analyst will lead the EH&S systems at the plant and serve as the plant expert in environmental, health & safety systems, regulations and requirements. This position will also provide direction, expertise, and leadership to ensure the plant meets the minimum standards of local, state, federal regulations, and certification programs (ISO-14001) relating to environmental, health & safety (OSHA, EPA, et al). Some key responsibilities include: hold the operations management team accountable for achieving EH&S goals and objectives by serving as a driver/influencer; provide information and analysis to all levels of the management team to identify strengths, weaknesses, and opportunities for improvement in the EH&S management systems; maintain all necessary compliance systems and related documentation to ensure compliance with local, state, and federal EH&S regulations and business standards and certifications, including ISO-14001 certification and OHSAS 18001 conformance; lead and facilitate teams to investigate all EH&S significant incidents occurring in the plant using root cause problem solving techniques to determine required ICARs/corrective actions and ensure the completion of the same. **Qualifications:** Associate's degree in EH&S, Engineering, Business, Psychology, or related with 7+ years of relevant experience, including knowledge/exposure to manufacturing operations, or Bachelor's degree in Environmental Management, Engineering, Science, or related with 5+ years of relevant experience, including specific knowledge/exposure to manufacturing operations; proven competency in root cause problem solving techniques; ability to interpret environmental regulations and develop tools/programs to ensure compliance; working knowledge of ISO 14001; experience delivering training to large groups. Pluses include Master's degree and CSP certification.

## Corporate Environmental Manager

Akron, OH area

*Our client manufactures some of the cleanest alloy steels in the world to advance critical products in demanding applications and supply chains.*

**Job Description** – This position's responsibilities include: develop, monitor and assess plant environmental metrics; present metrics with an assessment of plant environmental performance with

actions to drive improvement in performance; establish/maintain an environmental management system in accordance with ISO 14001 that will drive the business to a position of industry environmental leadership and continually improve our performance; provide or facilitate and manage annual system audits; drive integration of objectives into the business planning and management process; provide environmental, health and safety compliance audits of plants to assess compliance with laws, regulations and company standards, ensuring that the action plans that are developed as a result of the audits are implemented in a timely and sustainable manner; assess environmental issues associated with acquisitions, dispositions and closures which entails identifying and defining potential environmental liabilities, estimating associated costs, and making recommendations as to how such issues should be handled, and then directing the implementation of the recommendations; actively participate in industry association environmental committees to effect fair and equitable legislation and regulations by obtaining and evaluating information on future environmental management practices and programs (including providing guidance to the Vice President of Operations); provide environmental expertise to and improve awareness in business and with employees and contractors to help them become more aware of the objective of the business EH&S Policy (involving the development of awareness and training programs and oversight of such programs, advising on plant and equipment design and design of operations, and continually devising and implementing environmental awareness initiatives to create and maintain management and employee awareness); provide guidance to manufacturing sites on permit and regulatory requirements; work with manufacturing sites and agencies on permit requests and modifications; represent the company in regulatory matters. **Qualifications:** Bachelor's degree in Environmental Science or related field and at least 10 years experience. Master's degree or MBA preferred.

## Environmental, Health and Safety Director

Los Angeles, CA area

*Our client is an advanced technology privately held manufacturer and service company with approximately 3000 employees in 12 locations in the U.S.*

**Job Description** – Some of the job responsibilities include: Maintain necessary environmental and safety compliance whilst supporting manifest schedule and new product introduction; develop and implement strategies and programs within the organization in order to promote a safe workplace and a reduction in incidents; develop and implement strategies to create a more efficient, higher level of Safety and Environmental compliance; be able to effectively manage and delegate tasks to keep the team on point, with a manageable workload; work directly with our internal and external customers and suppliers to continually improve compliance and results; implement innovative solutions to ensure super-efficient and effective application of corporate and regulatory standards, control systems and procedures. **Qualifications:** a bachelor's degree in safety engineering, safety

*Continued on Next Page*

## Safety, Health and Environmental Job Openings

*Continued from Previous Page*

management, occupational environment health, industrial health or related field; 10 years experience and knowledge of environmental health and safety in a complex multi-site manufacturing/construction; knowledgeable in Federal, State and local Environmental regulations and their impact on the client's industry; experience and knowledge of the workings and requirements of government agencies and contracts; demonstrable history of achieving significant improvement of safety in a multi-site organization; experience with handling, storage, response and recovery of exotic materials, chemicals, ordnance, and Hazardous Operations.

### **Corporate Manager Construction and Manufacturing Safety**

Hartford, CT/Springfield, MA area

*Our client is a worldwide leading Contractor in the engineering, project management, manufacturing and installation of architectural envelopes and interior systems.*

**Job Description** – The Construction & Manufacturing Safety Manager will have responsibility for all Safety activities on site and in all production facilities. This position will have responsibility to manage site location safety which will require managing a team of individuals in remote locations. This role will be accountable for establishing policies and procedures, safety compliance and developing and maintaining Safety programs and initiatives consistent with the strategic plan for the company. He/she will be expected to add value to the organization by functioning as a true business partner and demonstrating his/her broad expertise and leadership in all areas of Safety not limited to training, site location management, claims management, legal compliance, policy and procedures, building third-party relationships. **Qualifications:** Construction site operations experience; minimum 10 years construction safety related experience; experience with construction job-site activities; experience with specific challenges posed by the nature of the construction job-site activities; access systems, lifting systems, crane and derricks, fall safety protection; and previous experience in direct supervision of Health and Safety issues, along with administration programs such as Safety Training, Risk Analysis, Incident Investigations, Root Cause Analysis, and OSHA related issues (including but not limited to audits). BS degree/Master's degree preferred, and certification (CSP, CHST).

### **EHS&S Specialist**

Buffalo, NY area

*Our client, with over 1,500 employees and 10 plants in North America, is one of the world's leading manufacturers of caustic soda, bleach and related chemicals.*

**Job Description** – Some of the job responsibilities include: working within corporate/division strategies and policy frameworks; designs, proposes and implements health, safety, process safety and environmental guidelines and procedures within broad principles and policies set by the organization to meet EHS&S requirements supporting short and long-term business needs and consistent with the EHS&S Risk of the location; ensures that Responsible Care criteria requirements are met; provides technical EHS&S expertise and coaching to facilitate broad accountability of the EHS&S process; provides targeted assistance to support site and organizational EHS&S action plans; prepares governmental reports and participates in representation with outside agencies; participates in plant audits and interfaces with internal and external auditors and regulatory and government agency personnel; collaborates with employees and supervisors to identify and correct potential

environmental, safety, security and health hazards; participates in developing corrective measures and driving actions to completion and sustainment; investigates accidents or problem areas (manufacturing, logistics, etc.) and recommends future preventive measures; represents the organization at external forums. **Qualifications:** Bachelor's Degree; Environmental, Safety or related discipline strongly preferred; Master's Degree preferred; minimum 5 years related Safety, Health and Environmental experience in a manufacturing environment, including chemical manufacturing. The client is looking for someone with the qualifications that they can promote to the manager's level within the next 12-24 months.

### **Safety Manager**

Northeastern SC

*Our client has more than 1,300 locations worldwide and 170,000 employees. They create quality products, services and solutions to optimize energy and operational efficiencies of buildings; lead-acid automotive batteries and advanced batteries for hybrid and electric vehicles; and interior systems for automobiles.*

**Job Description** – Some of the job responsibilities include: develops and administers effective occupational health, safety, ergonomics and industrial hygiene programs, including health services functions and maintenance of related policy and procedure manuals; educates, motivates and trains line supervision and production personnel in good housekeeping practices, safe work procedures, PPE, etc; assist Occupational Health Nurse (OHN) in administration of medical surveillance and biological monitoring programs according to OSHA standards and company policies and procedures; manages the plant personal protective equipment, work clothing and safety equipment programs according to company standards and operating budget; administers the respiratory protection program, including quantitative fit testing, respirator distribution, cleaning and sanitizing; assists OHN in administration of the workers' compensation program, including effective medical case management, reporting, record maintenance and follow-up; develops and implements effective plant programs for the identification, prevention and control of occupational injuries and illnesses; develops and coordinates plant health and safety education and training programs; serves on the plant safety committee as Co-Chairperson; maintains current awareness of applicable federal, state and local health, industrial hygiene and safety regulations; maintains legal, governmental and company environmental, health, medical and safety-related records according to standards, including confidentiality; maintains an accurate OSHA 200/300 log; accompanies visiting inspectors and reports findings; administers the plant hazard communication program, including maintaining up-to-date MSDS's, effective identification of all chemicals, chemical inventory and related training and education programs; reviews all manufacturing and support operations to assure ongoing safety; assists the line organization in developing job safety analyses and safe operating procedures for all tasks and in investigating incidents; develops and implements audit programs to review and assure compliance with applicable health and safety standards. **Qualifications:** Bachelor's degree in Environmental Health Sciences/Industrial Hygiene or related field highly preferred; minimum four years' experience in a manufacturing environment with a minimum of 2 years' experience in a supervisory/management role; previous experience in Heavy industrial environment highly preferred; previous experience with air sampling and monitoring; experience with medical surveillance

and biological monitoring programs; experience with administering a hazardous communication program, including managing and leading an emergency response team.

### **EHS Manager**

NYC

*Our client is one of the largest HVAC distributors on the east coast. They provide HVAC supplies from Baltimore, MD to Boston, MA which is supported by 17 branch locations and their main distribution center in NYC.*

**Job Description** – Some of the job responsibilities include: ES&H assessments, ergonomic improvements/issues, safety equipment selection, safety awareness, joint health and safety committee mentoring, and ES&H training; conducts Risk Analysis and coordinates actions to remove or mitigate at assigned locations; training employees in the DC and branches on safe work practices (including forklift training); reviews all Injury and Incident investigation analysis and follow-up, as necessary; maintaining safety records and conducting safety audits at the branch and DC level; implements ES&H corporate programs at assigned locations; executes injury loss evaluations and recommends solutions to avoid repeated incidents; facilitates return to work programs for injured employees; liaises and supports third party audits (i.e. Property Insurance Carriers) and develops responses to address identified concerns. **Qualifications:** 2-5 years experience developing and implementing safety programs in a manufacturing and/or distribution environment; BS degree in safety or related. This position reports to the VP Operations. Relocation assistance is not available.

Following are some positions that I cannot post. If you require additional info please contact me.

**Environmental Engineer**, Iowa

**EH&S Manager**, North Carolina

**EHS Specialist**, South Carolina

**Safety Manager**, Massachusetts

**Environmental Group Manager**, California

**Environmental/Health/Safety**, Ohio

**Safety Manager**, New Jersey

**HSE Leader**, Minnesota

*Positions are added weekly. If you or someone you know would like to be informed of future job opportunities as they become available, please forward their name and email address to [paul@psassociatesinc.com](mailto:paul@psassociatesinc.com).*



*Share your Knowledge and Experience!*

## REQUEST for MANUSCRIPTS and ARTICLES for PUBLICATION

Are you working on any interesting special projects? Have you attended a meeting or conference and learned something new? Have you encountered a problem and come up with a unique solution? If these scenarios (and countless others) apply to you, the WSO has just the platform through which you can share your knowledge and experience.

We are requesting submissions of manuscripts and articles for publication in WSO News-Letters and World Safety Journals. Contributions in English are always welcome and should be sent via e-mail to: [editorialstaff@worldsafety.org](mailto:editorialstaff@worldsafety.org). You may also mail to the **WSO World Management Center** located at: **PO Box 518, Warrensburg, MO 64093 USA**.

For the World Safety Journal, only articles with original material are accepted for consideration with the understanding that, except for abstracts, no part of the data has been published, or will be submitted for publication elsewhere before appearing in the World Safety Journal. Authors are required to assign copyright to WSO WORLD MANAGEMENT CENTER when their article is accepted for publication.

### Instructions for Contributors

Articles should be less than 2000 words and carry an abstract of no more than 150 words, stating the key points of the material. Supply brief details of author's professional qualifications, current position and employer.

- Short communications are short reports without headings, contacting less than 1000 words. Photographs and/or diagrams may be included.
- Letters should not exceed 300 words.
- Conferences/seminars/courses: Details supplied for publication should include date, time, location, subject, content, and contact person(s).

*Remember...without Member contributions, there's nothing worth publishing!*



**Wso's** purpose is to internationalize all safety fields, including occupational and environmental safety and health, accident prevention movement, etc., and to disseminate throughout the world the practices skills, arts, and technologies of safety and accident prevention.

**Wso's** objective is to protect people, property, resources, and the environment on local, regional, national, and international levels. WSO membership is open to all individuals and entities involved in the safety and accident prevention field, regardless of race, color, creed, ideology, religion, social status, sex, or political beliefs.

**Wso** is in Consultative Category II Status (Non-Governmental Organization-NGO) to the Economic and Social Council of the United Nations.

The WSO is a Not-for-Profit Corporation (Missouri, USA), non-sectarian, non-political movement dedicated to

***"Making Safety a Way of Life...Worldwide."***

Published by the **WSO World Management Center** | PO Box 518, Warrensburg, Missouri 64093 USA  
Telephone 660-747-3132 | Fax 660-747-2647 | [www.worldsafety.org](http://www.worldsafety.org) | [info@worldsafety.org](mailto:info@worldsafety.org) | [editorialstaff@worldsafety.org](mailto:editorialstaff@worldsafety.org)

**Statement of Publishing Policy/Publisher:** World Safety Organization Inc., World Management Center, PO Box 518, Warrensburg, Missouri 64093. Editorial Board: Lon S. McDaniel WSO-CSE/CSS/CHMS/CSI(ML), Dr. Donald E. Rhodes WSO-CSE, Dr. Janis Jansz, and Dr. Michael Thomas WSO-CSE. The WSO News-Letter (ISSN 1070-311X) is published by the World Safety Organization for its members and other interested individuals involved in environmental and occupational safety and health, security, public health, transportation, construction, and related professions. Copies are distributed to Missions of the United Nations, Libraries, WSO members, attendees of conferences/ seminars and other interested individuals. The information, data and comments contained in this publication do not necessarily reflect the opinion of the WSO or its policies and programs. Data, articles, etc., offered for this publication, are provided only for information purposes and the WSO is not responsible for the accuracy of content and data in this publication. ©2015, WSO.