



# FALL 2014 NEWSLETTER

President

*Kevin Cosgrove*  
 Schaeffler Group USA Inc.  
 Environmental, Health, & Safety  
 308 Springhill Farm Road  
 Fort Mill, SC 29715  
[Kevin.Cosgrove@schaeffler.com](mailto:Kevin.Cosgrove@schaeffler.com)

Vice President

*Rebecca Shultz*  
 Apex Environmental Management  
 511 Palmetto Drive  
 Simpsonville, SC 27681  
[rshultz@apex-ehs.com](mailto:rshultz@apex-ehs.com)

Past President

*Ken Warren*  
 S&ME, Inc.  
 620 Wando Park Blvd.  
 Mt. Pleasant, SC 29484  
[kwarren@smeinc.com](mailto:kwarren@smeinc.com)

Secretary

*Amanda Stone*  
 GlaxoSmithKline  
 5 Moore Drive  
 Research Triangle Park, NC 27709  
[amanda.k.stone@gsk.com](mailto:amanda.k.stone@gsk.com)

Treasurer

*Gary Eargle*  
 Naval Health Clinic Charleston  
 Goose Creek, SC 29445  
[gary.eargle@med.navy.mil](mailto:gary.eargle@med.navy.mil)

North Carolina Director

*Scott Rohlf*  
 Terracon  
 5240 Green's Dairy Road  
 Raleigh, NC 27616  
[sdrohlf@terracon.com](mailto:sdrohlf@terracon.com)

South Carolina Director

*Keri Davidson*  
 The Boeing Company  
 5400 International Blvd.  
 MC 7830-NE34  
 North Charleston, SC 29418  
[keri.l.davidson@boeing.com](mailto:keri.l.davidson@boeing.com)

## President's Message

Once again the Carolinas AIHA Fall PDC & Conference will return to Myrtle Beach, a location that has received high marks from our members during past conferences. This year we will meet at the Embassy Suites Hotel-Kingston Plantation. The beautiful setting will be a perfect backdrop for our upcoming gathering taking place September 24-26, 2014.

The Board is pleased to announce that our PDC will feature **"HVAC for the Industrial Hygienist"**, a course designed to provide Industrial Hygienists with greater knowledge and proficiency when encountering industrial hygiene issues related to HVAC systems. This course comes very highly rated and has consistently received great reviews from past attendees. Our thanks to Doug Gunnell for sharing his insight with us.

The Conference Planning Committee has also assembled a fine collection of speakers for the main Conference, featuring a wide range of topics which we think are of importance to our IH community. Infection control, report writing, confined space entry, bioremediation, and combustible dust are just some of the subjects that will be discussed. You can read more about the PDC course and its contents as well as view the Conference agenda on our Carolinas Section website.

<http://aiha-carolinas.org/upcoming-meetings.html>

Cont'd on page 4

### Inside this issue:

President's Message	1
Fall Conference Profile	2
Registration Form	3
President's Message (cont'd)	4
Treasurer Report	4
Vendors	4
Home Office News	5
PDC Information	6-7
Section Announcements	7
Conference Accommodations	7

PDC/  
Conference  
Registration

Registering  
for the PDC  
and confer-  
ence is easy  
and online at  
the Carolinas  
AIHA website

Make your  
reservations  
soon!

Contact the  
Embassy  
Suites Hotel

Kingston  
Plantation

and provide  
Group Code:

AIH

## Carolinas AIHA Fall Conference

September 24-26, 2014  
Myrtle Beach, South Carolina

### Wednesday, September 24th

#### *Professional Development Course*

12:00 PM PDC Registration

1:00 –5:00 PM  
HVAC for the Industrial Hygienist  
Doug Gunnell  
President—*Gunnell Engineering Services*

### Thursday, September 25th

#### ***Professional Development Course (cont'd)***

8:00 AM Continental Breakfast (Vendor Area)

8:30 AM–12:00 PM  
HVAC for the Industrial Hygienist  
Doug Gunnell  
President—*Gunnell Engineering Services*

12:00-1:00 PM Lunch (Hampton Room)

#### *Conference Opening Session*

1:00-1:15 PM  
**President's Welcome & Business Meeting,**  
Kevin Cosgrove  
*Schaeffler Group*

1:15-2:15 PM  
Infection Prevention during Healthcare  
Construction Projects  
JJ Jenkins  
*Jenkins Risk Management, LLC*

2:15-2:45 PM  
Student Presentation  
Rachel Morgan  
*University of South Carolina*

2:45-3:15 PM Break (Vendor Area)

### Thursday, September 25th

#### *Conference Opening Session (cont'd)*

3:15-4:00 PM  
The Importance of Report Writing  
Robert A. Herrick P.E., CIH,  
*Herrick Engineering, Inc.*

4:00-5:00 PM  
Confined Space Entry  
Susan Ivey  
*Boeing*

5:15 PM  
**Past President's Reception**  
(Nightwatch—Embassy Suites)

### Friday, September 26th

#### *Conference Closing Session*

8:00 AM Continental Breakfast (Vendor Area)

8:30-9:30 AM  
Bioremediation – How microbes are cleaning  
up groundwater contamination, naturally  
Joseph E. Starr, P.E., PMP  
*Solutions-IES, Inc.*

9:30-10:30 AM  
Frontline Experience with Combustible Dust  
Inspections and Administrative Programs  
Chris Knezevich  
*Atotech*

10:30-11:00 AM Break and Vendor  
Presentations (Vendor Area)

11:00-11:45 AM  
Industry Profile: Spartanburg Regional  
Medical Center, Jeff Straub, *SRMC*

11:45 AM-12:00 PM  
**President's Closing Remarks,**  
Kevin Cosgrove , *Schaeffler Group*

# Carolinas AIHA Fall 2013 PDC/Conference

September 24-26, 2014

Embassy Suites Hotel—Kingston Plantation - Myrtle Beach, South Carolina

## Registration Form

### Conference Registration

Member	\$215
Nonmember	\$235
Vendor	
Exhibit Space (each table)	\$300

### PDC Registration

Member	\$215
Nonmember	\$250

### Carolinas Section Annual Dues

Member: \$25      Students: \$10

### Method of Payment

Check     Visa     MasterCard  
 American Express

### Card Account Number

\_\_\_\_\_

Security Code-3 or 4 digits  
 (on back of card) \_\_\_\_\_

### Expiration Date

\_\_\_\_\_

### Card Holder Signature

\_\_\_\_\_

### Card Holder Name (please print)

\_\_\_\_\_

### Billing Address for Card

\_\_\_\_\_

\_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_ Zip: \_\_\_\_\_

Business Phone: \_\_\_\_\_

Business Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Check box if this is an address  
 change

Make Checks payable to AIHA Caroli-  
 nas Section and Mail Registration  
 Form To:

Carolinas Section-  
 Attn: Connie McElroy-Bacon  
 PO Box 37492  
 Raleigh, NC 27627-7492

Fax: 919-852-4594  
 Phone: 919-233-8400  
 cbacon@mindspring.com

Amount enclosed: \_\_\_\_\_

For online registration  
 go to:  
[WWW.AIHA-CAROLINAS.ORG](http://WWW.AIHA-CAROLINAS.ORG)



Stay Informed, Stay Connected  
 Visit our Face Book page for  
 AIHA-Carolinas Section  
[https://www.facebook.com/  
 CarolinasAIHA](https://www.facebook.com/CarolinasAIHA)

## Presidents Message (Cont'd from page 1)

The Board tries very hard to organize a convention that not only has interesting topics and speakers, but one that provides good value for our members. There are approximately 175 members in the Carolinas Section, yet less than 20% attended the last PDC and only 35% attended the last Conference. With these statistics in mind, we truly hope that we will see each and every one of you in Myrtle Beach; even better, bring someone with you who has not attended in the past. Remember that aside from our membership dues (still incredibly only \$25 a year!), these PDCs and Conferences are the only way our organization can raise revenue. Plus, having a well attended meeting provides for a more dynamic and engaging forum for all of us to interact and to share each others' company and camaraderie.

**Don't forget that the Embassy Suites Hotel has agreed to honor the special room rate for Conference attendees, pending availability; that rate is available 3 days before and 3 days after the meeting!**

**Kevin Cosgrove**  
 President AIHA-Carolinas

## The Books are Closed:

As of July, 2014 the Treasurer reports **Treasury value \$48,427.73**

## Thank You to Our Vendors

	<p><b>Airgas</b>          National Welders™</p>	<p><b>Palmetto EHS</b>          Safety, Industrial Hygiene, Training  <a href="http://www.PalmettoEHS.com">www.PalmettoEHS.com</a>          803.462.4404</p> <p><b>Wilner-Greene Associates, Inc.</b>          INSTRUMENTATION &amp; CALIBRATIONS          Industrial Hygiene Instruments Sales Rentals Repairs &amp; Calibrations  <a href="http://www.wilner-greene.com">www.wilner-greene.com</a> 1 800/634-4327</p>
<p><b>EMSL ANALYTICAL, INC.</b>          LABORATORY PRODUCTS TRAINING          800.220.3876</p>	<p>www.airgas.com          Reggie Grigg 864-417-0068</p> <p><b>GALSON</b>          LABORATORIES</p>	

## News From the Home Office



### **OSHA Activity Continues to Pick Up...** (from Aaron Tripler's "Happenings on the Hill")

#### **Tracking of Workplace Injury and Illness (Electronic Reporting) –**

OSHA has announced that it has extended the comment period on a proposed rule to improve tracking of workplace injuries and illness to October 14. The proposal would amend the agency's recordkeeping regulation to add requirements for electronic submission of injury and illness information that employers are already required to keep. The agency is soliciting additional comments on whether to amend the proposed rule to 1) require that employers inform their employees of their right to report injuries and illnesses; 2) to more clearly communicate the requirement that any injury and illness reporting requirements established by the employer be reasonable and not unduly burdensome; and 3) provide OSHA an additional remedy to prohibit employers from taking adverse action against employees for reporting injuries and illnesses. In AIHA's comments to the agency on the proposal we specifically stated that we were concerned about employers "underreporting" because of the requirement for electronic reporting and our view that the most important point is that the data reported is correct.

#### **Web Tool to Identify Hazards –**

OSHA released an interactive training tool to help small business identify hazards in the workplace. OSHA says this new tool not only educates employers about how to take control of their workplaces and protect workers, it also demonstrates that following well-established safety practices is also good for the bottom line.

#### **Access to Nanotechnology Research –**

The agency is also developing a database that will give workers and employers better information for predicting possible hazards from exposures to nanomaterials. The data will come from published peer-reviewed research on the issue. The database is not yet available to the public since it is still in the development stage.

#### **Workplace Violence in Health Care –**

The Government Accountability Office is now conducting a study on whether or not OSHA should issue a standard on workplace violence in the health care sector. The request for the study came from Members of Congress and is expected to be completed sometime next summer.

#### **Temporary Workers –**

OSHA is moving forward on better ways to protect temporary workers. The agency has been discussing this issue over the past year and has now distributed a policy memorandum clarifying the responsibilities of employers and agencies providing temporary workers. The policy paper states that OSHA will consider the staffing agency and host employer to be "joint employers" of the worker and are both responsible to assure safe working conditions.

## Professional Development Course (PDC) Information

### HVAC for the Industrial Hygienist

The HVAC for the Industrial Hygienist PDC is designed to enable the Industrial Hygienist to become more proficient when encountering industrial hygiene issues, such as Indoor Air Quality (IAQ), related to HVAC systems.



#### Learning Objectives

- Present and discuss selected HVAC definitions, as well as heat transfer and heat generation fundamentals to establish / confirm a common basic understanding.
- Explain and discuss the determination of Heating and Cooling loads to identify critical load factors.
- Review and discuss ASHRAE Standard 62.1 "Ventilation for Acceptable Indoor Air Quality" relative to its application in addressing IAQ problems.
- Explain and discuss Psychrometrics, "the science that deals with the thermodynamic properties of moist air and the utilization of these properties to analyze conditions and processes involving moist air." The use of the psychrometric chart will be demonstrated and utilized to identify and determine the values of these thermodynamic properties.
- Present and discuss the "Vapor Compression Refrigeration Cycle" as integrated into both direct-expansion and chilled water systems.
- Identify selected commercial, institutional, and industrial HVAC equipment and associated air distribution, as well as air-to-air heat recovery equipment, and discuss from an application-operation vantage point.
- Identify typical Indoor Air Quality problems, associated with HVAC systems that the Industrial Hygienist encounters. From case studies, discuss underlying causes and solution strategies.



## PDC Information (cont'd)

**Presenter: Doug Gunnell, PE**  
**President**  
**Gunnell Engineering Services**

Doug Gunnell is President of Gunnell Engineering Services with more than 45 years of experience in engineering design and management with a Fortune 500 company, and as a consulting engineer in private practice. He is a Registered Professional Engineer and a Life member of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE). His areas of concentration include industrial and commercial HVAC systems, and industrial ventilation and exhaust systems. Additional areas of expertise include energy management and indoor air quality. Mr. Gunnell has authored a number of engineering articles and been awarded two United States patents. He is an engineering graduate of North Carolina State University where he has been an instructor and lecturer for the Mechanical and Aeronautical Engineering Department, and Continuing and Professional Education as well as the NC Industrial Ventilation Conference over a period of more than 45 years.

### Announcements:

**AIHA Carolinas Section Election Results Spring 2014 Conference:**

**Section Treasurer: Gary Eargle (Spring 2014-Spring 2016 )**

**South Carolina Director: Keri Davidson (Spring 2014-Spring 2016)**

### Fall 2014 Conference Accommodations

Embassy Suites Hotel - Kingston Plantation Myrtle Beach, South Carolina

9800 Queensway Blvd.  
Myrtle Beach, SC 29572  
Phone number: 843-449-0006

Conference rate (\$133/night for Oceanview room) can also be applied to the three days before or after the conference, pending availability.

Amenities and services information go to:

<http://www.kingstonplantation.com/accommodations/embassy-suites-myrtle-beach-oceanfront-resort/>

