



Risk Assessment

July 11th Meeting Topic:

The purpose of this presentation is to describe and explain the methodology of TR R15.306-2016 and explain how the combination of initial risk and risk reduction measures fixes the residual risk, thus simplifying the determination of residual risk, and avoiding errors.

In 2014, the Robotics Industry Association (RIA) published TR R15.306 (Technical Report for Industrial Robots and Robot Systems – Safety Requirements – Task-based Risk Assessment Methodology). The document was updated in 2015, then again in 2016. The risk assessment methodology in this document is an excellent tool for robotic safety risk assessment. Although written specifically for robotics, it can be easily adapted for use for other machine safety hazards.

Using the methodology of TR R15.306-2016, the user: 1. Calculates the initial risk of injury due to a potential hazard; 2. Selects risk reduction measures; then 3. Calculates the residual risk (i.e., the risk remaining after risk reduction measures are taken). While the document does not indicate so explicitly, once initial risk is determined and risk reduction measures are selected, the residual risk is essentially fixed.

About our Speaker:



Gary J. Garrahan,
The Wonderful Company EHS

Bakersfield ASSP Monthly Meetings

Monthly meetings are held from 7:00--8:45am on the first Wednesday of the month at Hodel's Country Dining (5917 Knudsen Drive, Bakersfield CA 93308). Cost of meeting attendance is \$13 and includes breakfast buffet or custom-crafted omelet (cash/check/credit/debit cards are accepted). The cost is only \$5 for Student and Emeritus Members of ASSP.

Your RSVP is appreciated!

Contact Fred Hrenchir at (661) 201-2651 to RSVP for the upcoming meeting.



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS



INSIDE THIS ISSUE

Professional Development	2
New BSCP Requirements.....	3
New Members.....	4
BC OSRM Program	5
WISE.....	6
Awards.....	7
Salary Survey.....	9
Membership.....	10



Bakersfield Chapter Study Group



The Professional Development Study group meets the first and third Tuesday of each month from 6:00 p.m. — 7:30 p.m. at Continental Labor and Staffing [900 Mohawk St, Suite 120].

This study group is comprised of safety professionals seeking certifications at all levels from the Board of Certified Safety Professionals (BCSP).

Anyone can join the group at any time; this is a “go at your own pace” study group. The only purchases required are study materials and a calculator. Most participants are using TI-30XIIS.

We study from materials offered by SPAN International Training. You can purchase the work books from:



www.spansafetyworkshops.com

Please direct emails to **Heath Taylor** if you have questions on which set of books you need to purchase.



Professional
Development Chair

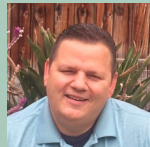


Occupational Safety & Health Standards Board

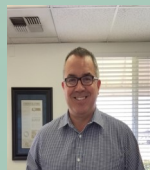
The Occupational Safety & Health Standards Board (OSHSB) meeting is where California stakeholders can attend and be heard on issues relating to the current and future enforceable standards that exist to ensure the health and safety of California workers. For more information on the OSHSB, visit: www.dir.ca.gov/oshsb
You can view the agendas for past and future meetings [here](#).

Professional Development Achievements

Congratulations on successfully advancing your professional development!



Mathew Bunde with California Water Service recently completed the requirements to become an ASP.



Phillip Clarke with KS Industries, LP recently completed the requirements to become an ASP.



Donald Sullivan with KS Industries, LP recently completed the requirements to become an ASP.

Let us know about your professional development successes too!

Certification info at www.bcsp.org.



Chapter President Michael Garcia presents **Val Barbosa** a reimbursement check for passing OHST



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

Bakersfield Chapter

<https://bakersfield.assp.org/>

Action Needed to Retain CSP Credential

Attention CSP Credential Holders – New Education Requirements,

Continuing to lead as the Gold Standard in safety, health, and environmental (SH&E) certification, BCSP will require that those applying for the Certified Safety Professional (CSP) hold a minimum of a bachelor's degree to meet the education requirement beginning July 2, 2018. CSPs who applied before that date without a minimum of a bachelor's degree must meet the new education requirement by January 1, 2021.

For those who hold, or will hold, the CSP but did not apply for the credential with a minimum of a bachelor's, BCSP will provide several options so that they may continue to hold their certification.

1. If you hold, or will hold, a minimum of a bachelor's degree by December 31, 2020:

As soon as you are able, and no later than December 31, 2020, please send BCSP a copy of an official academic transcript with the degree awarded and conferred date from the issuing university. Having this transcript on file will demonstrate compliance with the new CSP education requirement and no further action will be required.

Transcripts may be sent by email or university eScript to educationprogram@bcsp.org or mailed to:

Certification Services
Board of Certified Safety Professionals
8645 Guion Road
Indianapolis, IN 46268

2. If you do not hold a minimum of a bachelor's degree and will not by December 31, 2020:

BCSP collaborated with the University of Illinois Online Network to produce an online education program CSPs may use to demonstrate they possess a level of knowledge in a number of professional development topics identified as skills/knowledge areas determined to meet the new CSP education requirement. The earlier CSPs attempt these courses, the better their chances of completing them. CSPs who successfully complete each course in this program no later than December 31, 2020, will continue to hold their certification.

You may read more about the online education program at education.bcsp.org.

3. If you plan to retire before by December 31, 2020:

Certificants who have held the CSP for more than ten (10) years and completed two (2) recertification cycles may choose to hold the CSP in retired status if they will exceed no more than 200 hours of safety practice annually. They will not be able to reinstate to active status unless they obtain a bachelor's degree or complete the equivalency courses by December 31, 2020, but they may continue to hold the CSP-Retired.

It is BCSP's goal to ensure all certified professionals meet professional standards. Should you need additional information or have any questions regarding this notice, please contact Certification Services at +1 317-593-4800 or educationprogram@bcsp.org.

Sincerely,

Certification Services



Welcome New Members

Although guests are **always** welcome, ASSP loves it when new members join. Here are a few of the most recent new members. If you see them at an ASSP function, please give them a friendly welcome.

Chris Vochoska - Membership Chair



Melissa Layman
Vaquero Energy

Bethany Barnhart
Student Member

Woody DeQuilleted
PCL

Ivan Hinojosa
JTS Modular

Mike Kileen
T&T Truck & Crane

Jaclyn King
American Safety Services



Fabian Martin
Chevron



David Moelter
Eastern Kentucky University/JT3



Jared Renner
Chevron

“Members on the Move”



Congrats to **Jon Iriart** for starting a new position as EHS Manager at Frito Lay.

Congrats to **Mike Kileen** for starting a new position as Corporate Safety Director at MP Environmental Services, Inc.

BAKERSFIELD COLLEGE

Earn your Associate in Science Degree in Occupational Safety and Risk Management (OSRM). Classes start August 20, registration is now open.

The Bakersfield College OSRM program offers four degree options:

- ♦ OSRM Agriculture
- ♦ OSRM Business
- ♦ OSRM Industrial Technology
- ♦ OSRM Health Science

In addition, your OSRM degree will transfer to Columbia Southern University and Bakersfield College students will receive 10% off the tuition rate.

For additional information contact Catherine Jones at catherine.jones@bakersfieldcollege.edu or the program advisor Pam Gomez at pamela.gomez@bakersfieldcollege.edu

A Look Ahead

August 1st Topic: **Environmental Law 101**

Speaker: **Melissa Poole**-Senior Counsel, The Wonderful Company



Ms. Poole manages government relations for The Wonderful Company and its related affiliates, including Wonderful Citrus, Wonderful Orchards, Wonderful Pistachios & Almonds, POM Wonderful, Fiji Water, and Justin Vineyards. Before joining The Wonderful Company in 2009, Ms. Poole was an associate at Nossaman LLP advising clients on water and land use matters. Ms. Poole received her B.A. from California State

University Fresno and her J.D. from the University of California Los Angeles School of Law. Ms. Poole is also an adjunct member of the faculty at California State University Bakersfield, teaching environmental law, and an appointed member of the Kern County Planning Commission. In addition, Ms. Poole serves as a member of the Board of Directors for the Maddy Institute of Public Policy at California State University Fresno, the Bakersfield Museum of Art, JJ's Legacy, Kern Citizens for Sustainable Government, Agricultural Council of California, and the California Fresh Fruit Association.





Get involved with

WISE

Women in Safety Excellence

WISE stands for **W**omen **I**n **S**afety **E**xcellence, but don't let the name fool you. We welcome anyone interested in the advancement of women in EHS and other safety-related professions.

Bakersfield WISE is a very active part of the Chapter. We invite all WISE women, WISE guys, and guests to participate in our monthly meetings and activities.

Our Objectives:

- ⇒ Fostering an environment that allows members to share ideas
- ⇒ Promoting EHS in our community
- ⇒ Networking to strengthen professional relationships
- ⇒ Advancing the professional development of our members
- ⇒ Mentoring women

Upcoming Meetings & Events

August

Valley Fever Walk

Date: Saturday, August 11th

Time: 7:00—9:30 AM

Where: Kern County Museum

3801 Chester Avenue

Bakersfield, CA 93301

Volunteers needed for the WISE walking team and Heat Illness Awareness Water Station.

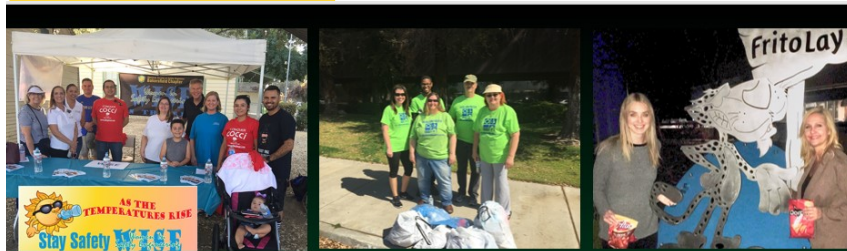
For more information, please email your Bakersfield WISE Chair [Lisa Marriott-Smith](mailto:Lisa.Marriott-Smith@assp.org) or join us on [Facebook](https://www.facebook.com/bakersfield.wise)!



Gloria Miranda and Isabel Bravo accepting the WISE Platinum Award

Bakersfield WISE recognized with Platinum Distinction Award from Society.

Thanks to our speakers, tour guides, and participants for making this possible!



Bakersfield - Platinum



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

Bakersfield Chapter

<https://bakersfield.assp.org/>

Platinum Award Recognition

On June 4th, the Bakersfield Chapter of the ASSP was presented with the Platinum Chapter Award at the annual conference in San Antonio. The platinum chapter designation is awarded to chapters meeting rigorous standards of excellence established by ASSP. They are considered strong role models for other chapters to emulate.

The recognition was made for the chapter's efforts during the 2016-2017 year, during the term of Jose Perez as president. This is the first time the Bakersfield Chapter has achieved this recognition, and it serves as another clear example that our members and volunteers truly make a difference.



Gloria Miranda, David Leach, Terry Ellis, Sandra Sanchez, and our Region 1 Vice President James Boretti



Treasa Turnbeaugh, Jose A. Perez, and Linda F. Martin

Award of Excellence

On June 6th, 2018 the Board of Certified Safety Professionals (BCSP) recognized our Past Chapter President, Jose Perez, with the distinguished recognition of the 2018 OHST Award of Excellence for his efforts and contributions to the profession.

The annual BCSP Awards of Excellence are presented during the ASSP annual conference, and it recognizes top CSPs, OHSTs, CHSTs, STSs, and STSCs who best represent outstanding leadership, knowledgeable expertise, and commitment to the advancement of the SH&E profession.

<https://www.bcsp.org/About/BCSP-News/ArtMID/623/ArticleID/1180/2018-Award-of->



No Cost Classes at Westec

Westec offers no cost safety classes to ASSP members transitioning between jobs who have no financial backing. All Veterans without financial support are also eligible for no cost safety classes.

<https://www.westec.org>



2018 Leadership Transition Dinner



Thank you for your service 2017-2018
Bakersfield Chapter Leaders!



Salary Survey Pinpoints Value of Certifications for Safety and Health Professionals

The Board of Certified Safety Professionals (BCSP) and the American Society of Safety Engineers (ASSE) conducted a 33-question salary survey in March of nearly 10,000 safety, health and environmental professionals based primarily in the United States and Canada, identifying the typical salary, benefits, credentials and experience of these individuals.

The median base salary for full-time professionals was \$97,000, with 22 percent of respondents earning \$125,000 or more. Those with at least one corresponding certification (ASP, CDGP, CET, CHMM, CHMP, CHST, CIH, CSP, OHST, SMS, STSC, STS) typically earned \$20,000 more per year than those with none. The certified safety professional (CSP) designation added \$30,000 to the salary of a practitioner with no other credentials.

“The value of safety, health and environmental certifications continues to grow, with many laws and standards specifically citing them,” said BCSP CEO Treasa M. Turnbeagh, Ph.D., MBA, CSP, ASP, CET, CAE, IOM. “Many companies include certifications in their job requirements, and contracts for safety services also call for them. Earning certifications that support your specialty and heighten your expertise is the smart thing to do.”

Three in four professionals had at least one of eight BCSP certifications, most commonly a CSP (46 percent). No less than 86 percent of respondents had at least one certification from any credentialing organization, and 26 percent had multiple certifications.

“The salary survey validates the earning power of safety and health professionals, demonstrating the advantage of adding credentials and gaining experience,” said ASSE President Jim Smith, M.S., CSP. “It should encourage people within the industry to seek accredited education programs and professional certifications to maximize their earning potential in such a dynamic field.”

The survey showed that formal education also correlates positively with salary levels as those with a doctoral degree typically earned \$16,000 more annually than those with a bachelor’s degree, and \$20,000 more than those with an associate degree.

Complete article can be found at:

<https://www.assp.org/news-and-articles/2018/05/24/salary-survey-pinpoints-value-of-certifications-for-safety-and-health-professionals>

Full Report can be downloaded at:

<https://www.bcspp.org/Portals/0/Assets/PDF/Safety-Salary-Survey-2018.pdf>



Key Facts About ASSP

- Founded in 1911, we are the longest-running safety society and the most respected advocate for workplace safety and health professionals.
- Our more than 37,000 members are dedicated to making their workplaces safer and healthier, and we share in their commitment.
- We are the preferred source for education among occupational safety and health (OSH) professionals — accredited by the [International Association for Continuing Education and Training](#) (IACET), and authorized to offer IACET CEUs for programs that qualify under the [ANSI/IACET standard](#).
- We connect great people to great resources — supporting more than 150 chapter communities in the United States and abroad, as well as practice specialties, common interest groups and student communities that enable OSH professionals to engage on a global scale.

ASSP's Member-Get-A-Member Campaign

The more of your friends who join, the more REWARDS

- *Refer 3 friends to receive 1 FREE ASSP Webinar
- *Refer 5 friends to receive a FREE 1-year extension of your ASSP Membership
- *Refer 10 friends to receive an ASSP Polo Shirt + 1 FREE ASSP Seminar (amount not to exceed \$350)

Grand Prize Drawing: For every new paid member you sponsor January-December 2018, you will receive an entry to win the Grand Prize drawing for a trip to SAFETY 2019 in New Orleans including:

- *Full SAFETY 2019 registration June 9-12 in New Orleans, LA
- *Three nights hotel accommodations June 9, 10 and 11, at one of ASSP's conference hotels
- *\$250 AMEX card to use for expenses

**Prize not to exceed \$2,000 US.*

Your Friend wins too!

In addition to all of their new ASSP Membership benefits, every time a new member joins with code 1801RAF they receive 1 FREE ASSP Webinar.

Questions?

Contact ASSP customer service at +01.847.699.2929
or customerservice@assp.org.

Become a Member!

Guests:

Complete application at www.assp.org.

Students: Join

for only \$15/

year and receive a free year membership upon your graduation (wow!)-what a great deal!

As an ASSP member, you will elevate your career, gain knowledge, tools and resources to prevent worker injuries, illnesses and fatalities, help improve your company's performance, and become part of a vibrant community of over 37,000 safety professionals working together for a safer, stronger future.



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

For comments or suggestions on ways we can improve this newsletter as a service to you, our members, please contact Gary Ray via email at rayg@kerncounty.com.



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

Bakersfield Chapter

<https://bakersfield.assp.org/>