

PSC 65

65TH ANNUAL PETROLEUM SAFETY CONFERENCE



➤ PSC Session Summaries

May 3-5, 2016

The Banff Centre – Banff, Alberta

Pre-Conference Workshops May 2 & 3



The Safety Association for Canada's
Upstream Oil and Gas Industry

By industry, for industry



Conference Sessions

All conference sessions listed in this section are included as part of the delegate fees and are listed in order of appearance.

Wednesday, May 4

➤ **Keynote: Times are Tough! Think Differently: Novel Health, Wellness and Safety Strategies**

Dr. Louis Francescutti

8:30 AM – 10:00 AM

Location: Kinneare Centre – level 1

Corporate audiences may be used to safety meetings and safety stand-downs where usual safety topics and goals are discussed. Offering a bold and ultra-real-world perspective on topics such as safety culture, substance abuse, injury, injury prevention, fatigue, mental illness, communications and health promotion, Dr. Francescutti leads the audience on a journey.

A very compelling presentation including provocative media, imagery, and statistics, Lou gets everyone on the same page and walks them through scenarios to build an understanding of some of the problems and obstacles we all face. We're all human: we all have needs, we're all vulnerable to illness, disease, and injury, but most importantly, we're all capable of doing great things. The power is within each of us to succeed both at a personal level, and at a professional level. And if we can understand the issues at play and learn how to use the tools we were each born with to mitigate risk and make good decisions, we can not only live longer, but we can enjoy our families more, and succeed at work.

➤ **How to Communicate Effectively with Today's Multi-generational Workforce to Help Them Make Informed Safety Decisions**

Shane Jensen, MA, CEC

10:45 AM – 11:30 AM

Location: Kinneare Centre – level 1

The changing workplace. The reality is that leaders, employees and organizations, both large and small, are beginning to feel the impact of trying to communicate effectively across the four different generations that make up today's labour force. Each generation brings their own set of values, expectations and markedly different attitudes towards work, authority, conflict and safety awareness. All of this translates into different behaviours in the workplace, including differing work and communication styles, which can have direct impact on safety in the workplace.

Wednesday session continued

This presentation is designed to give participants some great information and tools to help them with their goal of communicating effectively with each of the four distinct generations by raising awareness and providing information through the delivery of generational tailored safety programs, courses and campaigns.

Key topics:

- **The times they are changing** – Understanding that we are in the middle of huge labour shift and it will continue to have a huge impact for years to come.
- **Understanding each of the 4 Generations**
- A quick historical timeline - “How did we get here?”
- **Communicating effectively with each generation will always be your Achilles heel**
- **Spotlight on Gen Y/Millennials**

➤ **Making Safety Real – The Journey to High-Performing Safety Cultures**

Gord Winkel

1:00 PM – 1:45 PM

Location: Kinnear Centre – level 1

Good work has been done to develop comprehensive process safety management and employee safety programs that have supported improvements in both workplace safety and safe facility operation. In the face of this positive change, the industry remains challenged with safety performance at current levels where significant incidents persist in causing harm, loss and environmental impacts.

The concept of “Making Safety Real” employs leading practices to leverage safety programs and increase their effectiveness at the workplace. The presentation shares associated improvements that form the foundation for a high-performing safety culture that in turn achieves safety and business excellence.

➤ **Trinidad Drilling: Safety Culture is Good for Business**

Brad Huber CRSP, CSP, CMIOSH

2:00 PM – 2:45 PM

Location: Kinnear Centre – level 1

Safety Culture is a key factor to any business, but how does that relate to being good for business?

This session will discuss the factors that affect safety culture, and how it affects the oilfield service sector, even in a downturn. The top 5 safety practices that have developed Trinidad’s safety culture will be highlighted.

Wednesday session continued

Trinidad Drilling Ltd. prides itself on the safety culture they have with their employees and customers. Their core values, safety culture and expectations are set out from day one and are a top priority. Their safety culture comes from their employees working as a group, committed to their safety programs.

➤ **Regulators Forum**

1:00 PM – 2:45 PM

Location: Max Bell Auditorium

Representatives from Alberta, British Columbia and Saskatchewan will provide insight on what the Oil & Gas industry is doing well, areas in need of improvement from a field perspective, emerging safety field issues and regulatory modifications. Individual presentations will be followed by an audience driven question and answer period.

➤ **Keynote: Safety Thinking Beyond Swiss Cheese and Equilateral Triangles**

Dave Fennell CRSP, BSc, CET

3:30 PM – 4:30 PM

Location: Kinnear Centre – level 1

It's 2016 and it's time to update our thinking on some of the basic safety models and principles on which the safety profession and safety systems have grown ... specifically the **Incident Triangle** and the **Swiss Cheese** model.

This session will explore the changes that need to occur to these models and determine what they should look like in 2016 and how to apply them in a mature organization. Learn how to apply them for continuous improvement in safety and how to use them for promoting modern safety practices. Also learn how these new models can help you with incident investigations and safety culture.

Transform those good old Swiss Cheese and Incident Triangle models into dynamic models that will help you communicate safety expectations to management, supervisors, engineers and front line workers.

Thursday, May 5

➤ **Keynote: How Healthy Organizations Support Resilient Workforces**

Graham Lowe PhD

9:00 AM – 10:00 AM

Location: Kinnear Centre – level 1

How can you support your employees to be healthy, safe and productive in the face of an unprecedented economic downturn and layoffs?

This presentation will explore how during tough times in Alberta's energy sector, a healthy organization – one which takes a highly strategic approach to employee wellbeing – sustains the synergies between health, safety and wellness initiatives and core human resource goals. Increasingly, healthy organizations are taking steps to make their workforces more resilient. Resilience is a person's capacity to bounce back from adversity and to find a new and healthy 'normal'. The capacity to be resilient is closely associated with transformational leadership, engagement, wellbeing and job performance.

This session will focus on how resilience also can be developed as a workforce capability. Participants will be challenged to find their own path to a resilient workforce, building on current initiatives.

➤ **What We Can Do About Human Error**

Ben Woodcock

10:45 AM – 11:30 AM

Location: Kinnear Centre – level 1

“Saying that most accidents are due to human error is akin to saying that most falls are due to gravity”.
– Dr. Trevor Kletz

Simply identifying *human error* as a root cause is not helpful. In doing so we fail to provide sufficient information to effectively mitigate human errors. There are different types of human error and each has a different set of effective mitigation. It is therefore imperative that during investigative and predictive human error analysis, specific error types are ascertained.

Thursday session continued

During this presentation we'll discuss how and when errors occur within human operations; the underlying conditions that impact successful decision-making and operations; and how we can establish conditions to maximize human reliability.

➤ **Management vs Leadership vs Culture...How Does This Relate to Your Legal Duties?**

Shilo Neveu

1:00 PM – 1:45 PM

Location: Kinnear Centre – level 1

This presentation will be a comparison between leading literature on management, leadership and culture and how this unites with the law. Culture is the heart of this presentation and I want to show that not having a culture that includes safety, has legal ramifications.

This session will:

- Identify the difference between management vs leadership and whether the law agrees or disagrees with these principles;
- Show that culture is the common vein between literature and the law;
- Review case studies identifying that an improvement in culture results in better organizational performance;
- Identify legal cases that show better culture results in a decreased fine and vice versa;
- Identify that “Culture” has legal teeth; and
- Identify steps organizations can take to diagnose and improve their corporate culture towards safety.

➤ **Seven Sins of Safety: How to Recognize and Replace High Risks Behaviours to Reduce Accidents**

Dr. Isabel Perry

2:00 PM – 2:45 PM

Location: Kinnear Centre – level 1

The Seven Sins of Safety are behaviours that are precursors of near misses, accidents and even worse, death. The Safety Doctor will identify these systemic ailments, provide timely examples from current events, discuss why we exhibit these behaviours, and prescribe the antidotes. Audience members self-evaluate their conduct and are encouraged to modify their behavior to reduce risk on the job and in life. Attendees are reminded that safety is 24/7 and understand that taking risks impacts us all day long.

This highly interactive presentation will have attendees fully engaged with the pertinent content that will be remembered and *shared* for a lifetime.

Thursday session continued

Learning Objectives:

- Identify 7 High Risk Behaviors that Are Likely to Result in Near-misses, Accidents or Possibly Death
- Understand How Behaviors Can Be Modified to Reduce Behavioral Risks
- Learn how to motivate others to reassess their unsafe behaviors
- Establish that safety is a 24/7 issue and is not only work-related
- Comprehend the impact an accident has on 5 different groups, including self

➤ **Keynote: Creating an Interdependent Safety Culture – From A to Z, Boom to Bust**

Tom Whalen

3:30 PM – 4:30 PM

Location: Kinnear Centre – level 1

How do you create and maintain a sustainable, interdependent safety culture, regardless of whether it's boom or bust? It starts with accountability, a bottoms up approach in leadership and empowering all your employees to take action. Being accountable to zero incidents is a personal commitment that begins at home, is practiced in the workplace and ultimately becomes a way of life. From A to Z, creating and sustaining an interdependent safety culture can be achieved with people having the right mindset.

➤ **PRE-CONFERENCE WORKSHOPS**

Workshops are not included in delegate fees and must be registered for separately. REGISTER EARLY as space in each session is very limited. All pre-conference workshops will be held in the Max Bell building.

➤ **CRSP Preparation 2-Day Workshop**

Dr. Peter Strahlendorf

Monday and Tuesday, May 2-3 8:00 AM – 5:00 PM

Maximum 40 participants

Cost: \$550.00

This two-day course prepares participants for the CRSP exam that is offered twice a year by the BCRSP (May and October). You can take the course with or without having first applied to the BCRSP. Some people take the course as a last minute review and others in order to develop a study plan.

It is advisable to take the course several months before the exam date.

Pre-conference workshops continued

➤ **Fitness for Duty Programs for Leaders**

Paula Insell

Tuesday, May 3 1:00 PM – 5:00 PM

Maximum 40 participants

Cost: \$150.00

Fit-for-duty policies are an effective tool used to increase safety and mitigate risk in the workplace. While fit-for-duty policies can be multi-faceted, substance use programs are one of the more popular components. Despite this, they are often seen as confusing to develop, arduous to implement, and difficult to administer.

This workshop will educate attendees on the history of workplace substance use testing, legal implications, and a thorough overview of legally defensible substance use policies, from development through to workplace implementation. Lastly, this workshop will provide attendees with the knowledge and tools to appropriately make reasonable cause and post-incident testing determinations.

➤ **Formal Hazard Assessment Workshop**

Andy Reimer

Tuesday, May 3 8:00 AM – 12:00 PM **or** 1:00 PM – 5:00 PM

Maximum 20 participants

Cost: \$75.00

Hazard assessments and controls help build safe and healthy workplaces. They are at the core of every organization's occupational health and safety management system.

This workshop will focus on the most challenging area of the audit, the formal hazard assessment and will include practical hands-on exercises for formal hazard assessments, providing a better understanding of this area of the audit protocol.

Agenda

1. Information Session: What is a formal hazard assessment?
2. Group Activity and Discussion
3. Information Session: Risk Matrix Development, Application, and Implementation
4. Group Activity and Discussion
5. Build your own Formal Hazard Assessment
6. Q & A, Wrap-Up and Summary