

BC MUNICIPAL SAFETY ASSOCIATION

NEWSLETTER

NOVEMBER 2018

"I liked the joint Operations/Safety aspect.

To see Operations attending safety sessions and Safety staff attending operations sessions made an old man's heart feel good. We have come a long way in the 30 years I've been in the industry - it's about time the two sides got together."



"Very well run - one of the best I've been to in BC. The organizers were going above and beyond in order to help delegates, and in making everyone feel welcome."

"Food was great and the variety of presentations. Plenary speakers each day were fantastic! Loved that I laughed, networked, met some great people."



Thank you!
Our September 2018 Joint Conference & Trade Show in beautiful Sun Peaks was **SOLD OUT!**
Thanks to all who participated.



JUST MADE SENSE!!

Now that the first annual BCMSA and PWABC Joint Conference in Sun Peaks, BC on September 16th to 19th has wrapped up, we are confident it truly was the right decision.....it just made sense. Safety and public works are such integrated industries that are required to work so closely together.

Both associations joining forces to host such an event to share their passions for health and safety and public works couldn't have been at a more important time for the municipal sector. While it's been an exciting time for both associations to create this wonderful partnership, we need to continue and support each other to grow, remaining always adaptable, motivated and responsive, utilizing our resources effectively and most importantly keeping our workers safe.

With 270 delegates and almost 100 exhibitors and presenters gathered at Sun Peaks, this year's conference featured over 48 educational sessions in Health and Safety and Public Works. The conference was designed into four streams: Safety, Utilities, Leadership and Public Works. Our goal was to provide a diverse range of topics to optimize each participants learning experience. Attendees varied from students to health and safety professionals, engineers and committee members. The event kicked off on Sunday afternoon with networking at our hosted social event and wrapped up Wednesday with post conference sessions.

We couldn't be more grateful to our sponsors, exhibitors, and the lineup of speakers who made this conference so exciting.

We'd like to offer special thanks to each presenter who shared their experience and knowledge at the conference, as well as the staff and volunteers who worked diligently to ensure a successful event.

Check out the [video](#) from the three-day event. Breakout session presentations, if available, have been posted on the [BCMSA website](#).

We are dedicated to building on this experience in Sun Peaks; our first joint conference will help shape the future of our annual conferences.

The next conference will be September 15th – 18th, 2019 at the Penticton Trade and Convention Center in Penticton, BC.

Mike Roberts
Executive Director

SAVE THE DATE



MEETINGS

DATE	MEETING	LOCATION
Dec 7, 2018	Regular General Meeting	Sundance Place Motel Delta
March 29, 2019	Annual General Meeting	Sundance Place Motel Delta
June 7, 2019	Regular General Meeting	Sundance Place Motel Delta
Sept 15, 2019	Regular General Meeting	Penticton Trade & Convention Centre
Dec 6, 2019	Regular General Meeting	Sundance Place Motel Delta

2019 SAFETY TALKS

Watch for our 2019 monthly safety talks in January. Since 2011 we have published a wall calendar with the monthly talks. In an effort to be green and reduce costs, we will not be publishing a 2019 calendar. Instead we are developing 12 new safety talks which will be posted online earlier for convenient download. Print them, share them!

Find all of our safety talks at bcmsa.ca/resources/crew-talks/

GET IN TOUCH WITH US

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NOV

15

THURSDAY
November 15th

11:00 a.m. to noon

British Columbia
Municipal Safety
Association

Presenter: MIKE HARNETT
PRESIDENT
SOLARIS FATIGUE MANAGEMENT
– a proud division of WorkSMART Ergonomics Ltd.

Facilitator: MIKE ROBERTS
EXECUTIVE DIRECTOR
BCMSA

FREE WEBINAR: FATIGUE MANAGEMENT

This webinar is designed to:

- introduce you to the new fatigue management programs being offered through the BCMSA
- provide an overview of how fatigue is being addressed at the regulatory and standards level in Canada
- demonstrate how fatigue impacts the municipal sector
- provide a case study of one municipality's efforts

Sign up now!

Participants will be able to pose questions of the facilitator and learn how to make the best use of this informative session.

There is no charge for this webinar. The first 100 registrants will receive log-in information a week before the session.

WEBINAR: BUILDING AND SUSTAINING BEST WORKPLACE ROAD SAFETY PRACTICES

December 13, 2018 @ 11:00 am - 12:00 pm

Webinar Description

Presented in cooperation with Road Safety At Work, this one-hour online session explores and explains how organizations can make best road safety practices part of their day-to-day operations.

Learn about the value of applying best practices to prevent workplace crashes, and the role of safety culture in accomplishing that goal. The webinar focuses on practical ways that organizations – management, supervisors and employees that drive for work – can use to plan, build, implement and sustain effective measures. You will also discover the tools and resources available to help your organization succeed.

To take part in this webinar, you must [register online](#). Once registered, a link to the session will be provided to you via email.

Who Should Attend

This webinar will be of value to employers, managers, supervisors, health and safety practitioners, Joint Occupational Health and Safety Committee members and others who are responsible for making decisions and developing programs to keep employees safe on BC roads.

Organizer: Road Safety At Work

Phone: 604-770-2500

Webinar Technical Support: [GotoWebinar Support site](#)

REGISTER



NEW COURSE COMING JANUARY 2019: TRAFFIC CONTROL MANAGEMENT

Course length: 4 hours

Class minimum/maximum: 6/20

SSCP*: elective course

EOCP CEU's: n/a

Price: \$75 per person for up to 15 (minimum 6); \$37.50 per person from 16+. Minimum \$600 charge per class.

Required materials:

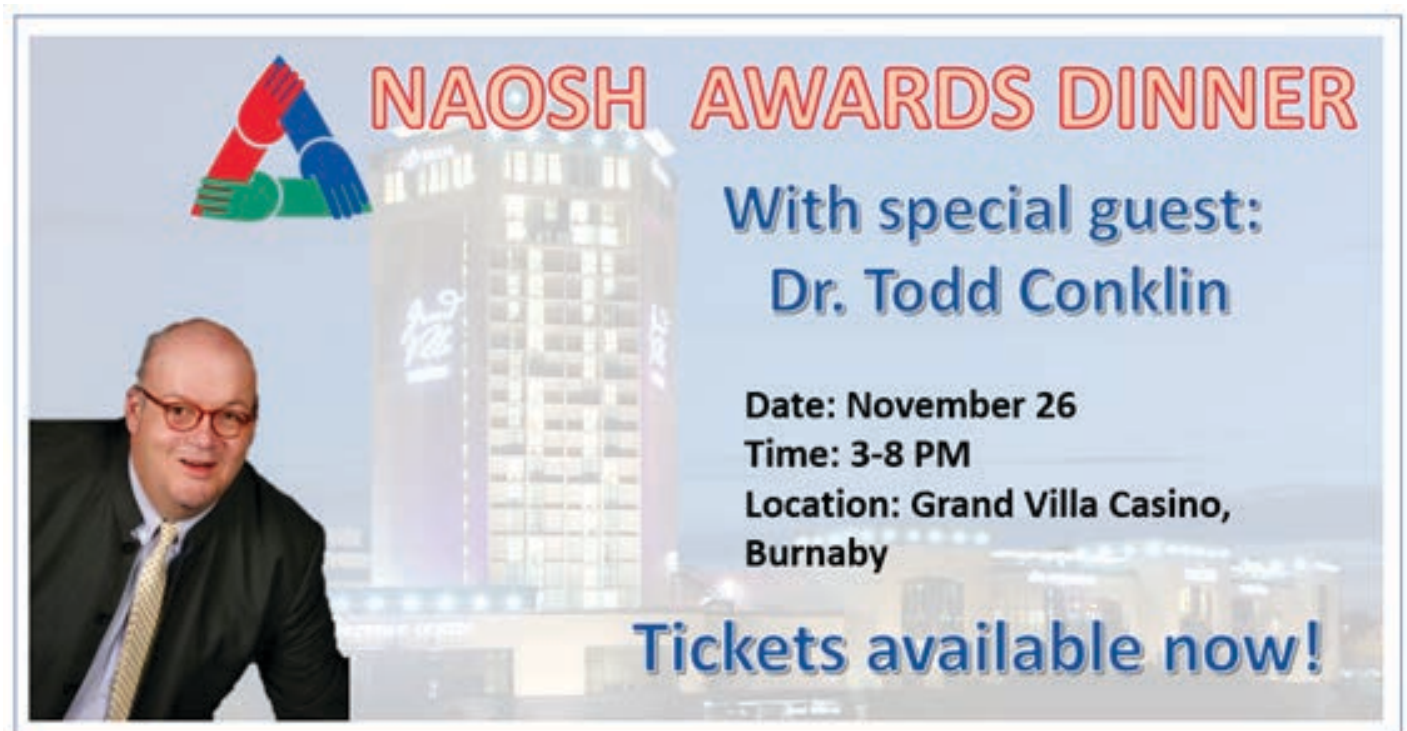
Each participant is required to bring a copy of The Traffic Management Manual for work on Roadways – Office Edition. Please note that copies of the manual can be printed from MOTI's website, to be used in the class.

Course description: This workshop is for municipal employees who have responsibility for overseeing work site activities that require traffic control and the use of traffic control persons. It will be valuable for a variety of workers and supervisors in public works, maintenance, special events and safety roles, who must set up work zones where Traffic Control Persons are required or who work with sub-contractors providing Traffic Control services. It does not qualify participants to do the work of certified Traffic Control Persons.

Course Objectives: by the end of this course participants will be able to:

- Use the Traffic Management Manual for work on Roadways to assess whether traffic control and traffic control persons on site are effective
- Identify and use The Occupational Health and Safety Regulations for Traffic Control People
- Understand the role and responsibilities for traffic control supervision on site
- Identify and recommend personal protective equipment for traffic control persons
- Consider and assess risks associated with the use of Traffic Control People
- Identify common traffic control misbehaviors and monitor traffic control behaviors in the work zone
- Work with the site superintendents, contractors or other municipal representatives to ensure traffic control risks are understood, documented and implemented safely

**Supervisors Safety Certificate Program (SSCP)*



NAOSH AWARDS DINNER

With special guest:
Dr. Todd Conklin

Date: November 26
Time: 3-8 PM
Location: Grand Villa Casino, Burnaby

Tickets available now!

NEW COURSES:

FATIGUE MANAGEMENT: SR. LEADERSHIP / MANAGEMENT

Provided by: Solaris Fatigue Management
– a proud division of WorkSMART Ergonomics Ltd.

Course length: 4 hours

Class minimum/maximum: 6/15

SSCP*: elective course

EOCP CEU's: n/a

Price: \$1,300 per class

Course description: The goal of this 4 hour session is to achieve commitment from management on their roles and responsibilities as it relates to fatigue mitigation.

Participants will be introduced to: 1) a strategic framework based on a systems management approach including

the use of applicable metrics, and 2) a tactical approach to fatigue risk assessment and organizational efforts to mitigate risk, resulting in reduced health and safety costs and improved operational performance.

Topics include:

- What is Fatigue
- The Science of Fatigue (Sleep/Wake Cycle)
- Introduction to a Fatigue Risk Management System (Strategic Framework)
- Introduction to a Fatigue Risk Assessment Process (Tactical Approach)
- Developing a Path Forward

FATIGUE MANAGEMENT: SUPERVISOR / H&S COMMITTEES

Provided by: Solaris Fatigue Management
– a proud division of WorkSMART Ergonomics Ltd.

Course length: 8 hours

Class minimum/maximum: 6/15

SSCP*: elective course

EOCP CEU's: 0.6

Price: \$2,250 per class

Course description: The goal of this 8 hour workshop is to introduce Supervisors and H&S Committee members as to the impact of fatigue on municipal operations from a health, safety and performance perspective. Participants will be led through effective operational and preventative fatigue

assessment protocols as well as risk mitigation strategies. Training is designed to be participatory and interactive in nature.

Modules:

- What is fatigue
- The Science of Fatigue (Sleep/Wake Cycle)
- Introduction to a Fatigue Risk Management System (Strategic Framework)
- Introduction to a Fatigue Risk Assessment Process (Tactical Approach)
- The Path Forward

LEAVITT TRAINING

BCMSA and Leavitt Machinery have partnered to bring you mobile equipment use training.

Provided by: Leavitt Machinery

Course length: 8 hours

Class minimum/maximum: 4/8

SSCP*: elective course

EOCP CEU's: n/a

Price: \$1,950 per class in Lower Mainland;
\$2,300 outside Lower Mainland

Read the course descriptions online at bcmsa.ca

Courses:

- Aerial Work Platform Operator Training
- Backhoe Operator Training
- Bucket Truck Operator Training
- Counterbalanced/Vertical Mast Forklift
- Overhead Crane Safety Training
- Practical Rigging Training
- Skid Steer Loader Operator Training
- Telehandler/Variable Reach Forklift Operator Training
- Truck Mounted Crane Safety Training
- Wheel Loader/Front-End Loader Operator Training

*Supervisors Safety Certificate Program (SSCP)

PROCESS SAFETY MANAGEMENT

By Andrew McSherry, WorkSafeBC Occupational Hygiene Officer

Process safety management is a proactive approach to managing hazards associated with processes that use highly dangerous chemicals. It is often used by companies such as chemical plants or businesses with high hazard production activities. But other types of organizations, including municipalities, are finding they can also benefit from applying its principles to analyze risks at their own facilities and operations.

While occupational health and safety typically looks at workers' "personal safety," process safety looks at systems, from the design of the facility to operating practices. It combines engineering and management systems, as well as good design principles, to prevent and mitigate the risk of catastrophic events like fires, explosions, chemical releases and structural collapses, especially in facilities that handle hazardous materials.

Catastrophic events can be driven by loss of containment events (e.g., spills or releases) and loss of control events (e.g., runaway reactions). Threats leading to such events and the consequences caused by such events need to be effectively controlled. At its heart, process safety is not complicated. It asks two questions: What could go wrong? What are we doing to control it? This is a basic extension of risk assessment principles.

Concerns for municipalities

Municipal facilities where a failure in process safety principles could result in a catastrophic event include:

- Waste conversion sites (e.g., converting organic waste to energy)
- Wastewater treatment facilities
- Water treatment facilities
- Ice rinks and curling facilities
- Swimming pools using gaseous chlorine

One method of assessing the risks is called the bow tie method. The event is in the centre (e.g., a chemical spill), and the threats and consequences are listed on either side.

Under threats, list the probable threats or contributing causes, such as equipment failure, which could lead to an event occurring. Then list the controls you can implement to

prevent the cause, such as regular inspections of pipes or maintenance of pressure relief devices.

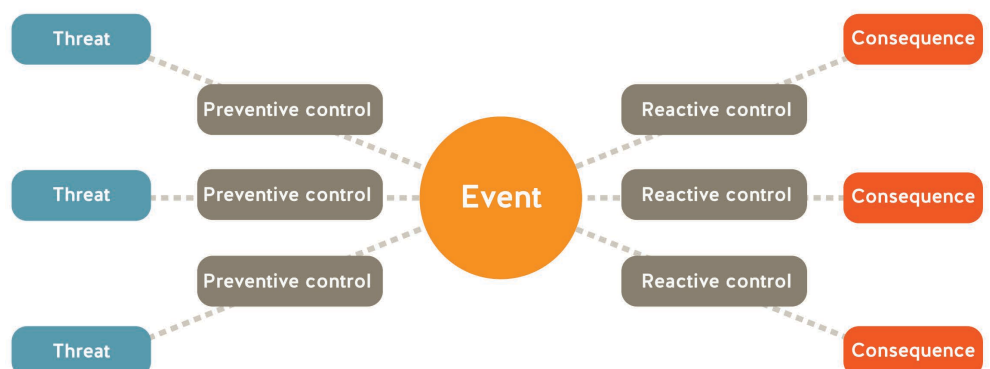
Under consequences, note the probable harm and the controls in place to reduce the magnitude of that harm. For a chemical spill, the harm may include inhalable toxic substances, and controls may include PPE to protect the workers who are in the facility, or an emergency plan to limit harm to workers and the surrounding community.

Often the experts are the workers who already understand the systems and equipment, and monitor and work with them on a daily basis. Your analysis can start here as you identify critical hazards, assess their risks, and implement preventive and mitigating controls.

Municipalities can apply insight from process safety to guide decisions about land use, development, and transportation routes. They can also share it with incident management and emergency services (i.e., fire departments) to create more robust emergency response plans.

WorkSafeBC is collaborating with 50 high hazard sites in 2018 as part of a new [Process Safety Initiative](#) to identify potential process hazards, implement controls to mitigate them, and create contingency plans in the event of a failure. Its initial focus is on oil and gas industries and wood processing, with plans to expand the range in the future.

For more information and resources, visit worksafebc.com and search for "process safety initiative." See the July/August edition of WorkSafe magazine for the [cover story](#), "The process of preventing industrial disasters."



BCMSA CERTIFICATE PROGRAMS



**SUPERVISORS
SAFETY CERTIFICATE**



BCMSA recognizes that a number of municipal employees have extensive training in the field of health and safety and deserve recognition. We also know that employees and municipalities need guidance in selecting the appropriate training for staff depending on their role within the municipal health and safety program.

There is no need to register! When you have attended any qualifying course for a Program, our learning management system will automatically track your learning record. Once all course requirements, including the elective hours, have been met a certificate will be issued. There is some administrative time needed from the day staff take training to the day that individual course certificates and program certificates are produced. Note: Training must be completed within three years to achieve these certificates.

Have questions? Please call 778-278-3430 or email training@bcmsa.ca.

The Certificate of Recognition (COR) program rewards employers who have developed and implemented safety management systems against industry based standards. It provides an opportunity for employers and safety associations to take a proactive role in promoting health and safety. Employers can reduce injuries and accidents in the workplace, reducing worker suffering and improving the workplace safety culture. Achieving and maintaining a valid COR is required for earning an annual incentive payment from WorkSafeBC.

Certificates are issued by WorkSafeBC and are co-signed by the Certifying Partner. The BCMSA is the Certifying Partner for employers in the Local Government Classification Unit and is responsible for the creation of the Local Government Audit Tools, Training and Certifying External and Internal Auditors, and overall quality assurance of the program.

Have questions or want more information?

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CERTIFICATE OF RECOGNITION (COR) ORGANIZATION SELF ASSESSMENT

Check out our free interactive [online self assessment for organizations](#) to receive feedback on their readiness for a COR review. This tool can also be used as a way to assess their current Safety Management System as measured by WorkSafeBC COR Standards and Guidelines.

ABOVE & BEYOND

RECOGNITION AWARD

The BCMSA and St. John Ambulance recognize individuals who have acted alone or as a team in providing assistance to either those in need of medical aid using their knowledge in first aid; or those in a situation where their lives may be in danger with or without the application of first aid.

If you know of someone who has acted alone or as a team in providing assistance to either those in need of medical aid using their knowledge in first aid; or those in a situation where their lives may be in danger with or without the application of first aid in the past year, the BCMSA and St. John would like to recognize their effort.

[Above & Beyond Nomination Form](#)



CITY OF EXCELLENCE AWARD UPDATE

A joint venture between the BCMSA, BC Common Ground Alliance, BC Construction Safety Alliance, Public Works Association of BC, Technical Safety BC, and WorkSafeBC, this award was created as a way to recognize municipalities who follow safe underground disturbance practices.

The application process is currently undergoing an update. In the meantime, consider this: While zero underground utility hits is the goal, it is not the only criteria for an award. Are you proud of your accomplishment in training workers? Have you implemented innovative practices? Are you using new equipment or following new processes? Have you created policies and procedures to promote safe practices? Watch for details in January.

