

# CHES BC Chapter

## **2014 Trade Show & Education Conference** *@ Penticton Trade & Convention Centre* **June 1-3, 2014**

FINAL PROGRAM - *Sponsored by:*



## WELCOME

On behalf of the CHES BC Chapter Executive and members, I would like to welcome you to Penticton and the 2014 CHES BC Annual Education Conference and Trade Show. The Trade Show and Education forum is proud to feature the theme “The Art of Managing Risk in Health Care”. The Conference Education Committee has put together another fantastic educational program that will give delegates the tools to identify and manage the many risks we are exposed to in the Healthcare industry.

I would like to offer a special welcome to all of our Sponsors and Exhibitors. Once again this year we have completely sold out the tradeshow and sponsorship program. Without the ongoing support of our exhibitors and sponsors this Conference could not be such a huge success. I encourage all delegates to utilize the designated time to visit the trade show floor, spend time with the exhibitors and support the companies that continue to support CHES.

On behalf of the 2014 Conference Planning Committee I hope you enjoy your visit to Penticton and enjoy all that Okanagan has to offer.

I truly hope you enjoy your time with us in Penticton and hope you will join us in Whistler in 2015.

*Steve McEwan*

Chair, CHES BC



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**CHES BC Conference - Organizing Committee**

**CHAIRPERSON:**

*Steve McEwan*, CHES BC Member, Director, Plant Services, Interior Health

**COMMITTEE MEMBERS:**

*Mitch Weimer*, CHES BC Member, Director, Facility Maintenance & Operations, Fraser Health

*Norbert Fischer*, CHES BC Member, Manager of Plant & Maintenance Services, East Kootenay, Interior Health

*Mark Swain*, CHES BC Member, Senior Associate, Rocky Point Engineering

*Sarah Thorn*, CHES BC Member, Capital Project Manager, Fraser Health

*Steve McTaggart*, CHES BC Member, Senior Manager, Facilities Maint. & Operations, Fraser Health

*Ken Van Aalst*, CHES BC Member, Manager, Facilities Management, Prince George, Northern Health

*Arthur Buse*, CHES BC Member, Director of Practice, Architect AIBC, AIA Associate, Boldwing Continuum Inc.

*Jeff Whitson*, CHES BC Member, Senior Account Manager – Key Accounts, BC Hydro

**Coordinator:**

*Wendy MacNicoll* – Annual CHES BC Conference Coordinator

## General Conference Information

**Exhibitor Registration Desk Hours:** SUNDAY, June 1 12:00 – 17:00

**Delegate Registration Desk Hours:** SUNDAY, June 1 15:00 – 18:00

**Housekeeping:** ALL attendees are required to wear their name badges at all times during the conference and related functions (including the banquet, happy hour, refreshment breaks, etc.)

Please turn off cell phone ringers during all Education Sessions.

**Social Events & Meals:** Applicable tickets for meals & social events will be in your registration package and will be collected at each function.

**Delegate Registration Gift** sponsored by Acklands Grainger Inc.



## Exhibitor Trade Show Hours

**TRADESHOW FLOOR = Penticton Trade & Convention Ctr (PTCC)**

| SUNDAY, June 1  |  |                 |
|-----------------|--|-----------------|
| 18:00 to 19:30  | Opening Wine & Cheese Reception  | TRADESHOW FLOOR |
| MONDAY, June 2  |  |                 |
| 09:30 to 11:00  | TRADE SHOW & Refreshment Break   | TRADESHOW FLOOR |
| 13:00 to 15:00  | LUNCH ON TRADE SHOW FLOOR  | TRADESHOW FLOOR |
| TUESDAY, June 3 |  |                 |
| 10:00 to 11:00  | TRADESHOW & Refreshment Break  | TRADESHOW FLOOR |
| 12:00 to 13:45  | LUNCH ON TRADE SHOW FLOOR<br>Conference Close & any final exhibitor gift giveaways | TRADESHOW FLOOR |

### WHISTLER 2015 CHES BC Conference news

## CHES BC 2015 Conference: June 7-9, Whistler, BC

**EXHIBITORS:** DUE TO OVERWHELMING DEMAND, we will release registration and reservation of booths online only. Therefore, we will not be accepting early booth reservations at this year's conference. THE EMAIL ADDRESS USED TO RESERVE YOUR 2014 BOOTH WILL BE USED TO COMMUNICATE re: 2015 REGISTRATION.

**DELEGATES:** Mark your calendars! And don't forget to keep your CHES membership active.

**SPEAKERS:** If you are interested in speaking at the 2015 CHES BC Conference, please add your name to our mailing list so you receive an invitation to submit when we are seeking abstracts.

*See Wendy at the Registration / Check-in Desk for more information.*



## CHES BC 2014 Trade Show & Education Forum **Conference Schedule at a Glance**

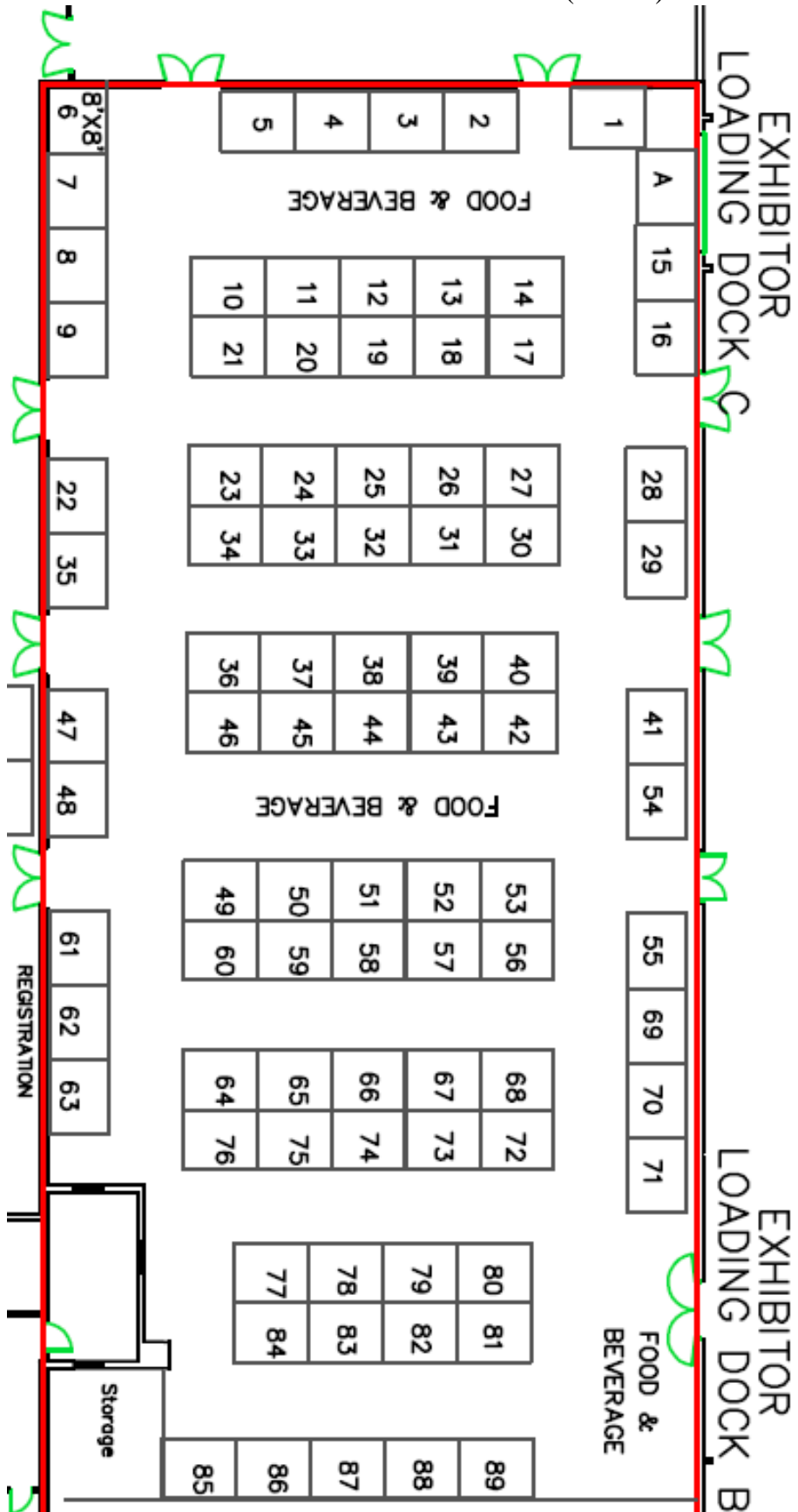
**ALL EVENTS other than Monday Happy Hour & Banquet dinner ARE HELD AT THE PENTICTON TRADE & CONVENTION CENTER**

| SUNDAY<br>June 1 | Event                           | Room/Location             |
|------------------|---------------------------------|---------------------------|
| 12:00 to 17:00   | Exhibitor Move-in & Check-in    | PTCC LOBBY/Reception desk |
| 15:00 to 18:00   | Delegate Check-in               | PTCC LOBBY/Reception desk |
| 18:00 to 19:30   | Opening Wine & Cheese Reception | PTCC tradeshow floor      |

| MONDAY<br>June 2 | Event   | Room/Location                               |
|------------------|---|---|
| 07:15 to 08:15   | Breakfast for Delegates and Exhibitors  | PTCC LOBBY                                  |
| 08:15 to 09:30   | Opening Ceremonies – Welcome Address & Keynote Address  | SALON B & C                                 |
| 09:30 to 11:00   | TRADE SHOW & Refreshment Break  | PTCC tradeshow floor                        |
| 11:00 to 12:00   | 1: <i>The Human Touch in Enterprise Risk Management</i>   | SALON C                                     |
| 12:00 to 13:00   | 2A: <i>A Risk Based Approach to Decision Making – Using a Risk Register to Inform Decisions</i>                   | SALON C                                     |
|                  | 2B: <i>Having Fun with Infection Control in Healthcare Facilities</i>   | MTG RM 1                                    |
| 13:00 to 15:00   | LUNCH ON TRADE SHOW FLOOR   | PTCC tradeshow floor                        |
| 15:00 to 16:00   | 3: <i>A Toolkit for Dealing with Construction Risks – The HCCP Guidelines for Risk Management in Construction</i> | SALON C                                     |
| 16:00 to 16:30   | <b>CHES BC AGM * Complimentary drink ticket for happy hour or banquet given to all CHES Members in attendance</b> | SALON C                                     |
| 17:00 to 18:30   | HAPPY HOUR @ PENTICTON LAKESIDE RESORT  | LAKESIDE RESORT HOTEL<br>BANQUET HALL FOYER |
| 18:30            | PRESIDENT'S BANQUET & ENTERTAINMENT   | LAKESIDE RESORT HOTEL<br>BANQUET HALL       |

| TUESDAY<br>June 3 | Event   | PTCC Room/Location   |
|-------------------|---|----------------------|
| 07:15 to 08:00    | Breakfast for Delegates and Exhibitors  | PTCC LOBBY           |
| 08:00 to 09:00    | 4: <i>Controlling the Risks with Air Filtration Products</i>                                    | SALON C              |
| 09:00 to 10:00    | 5A: <i>The Connectivity of Risk Management</i>  | SALON C              |
|                   | 5B: <i>You Cannot Manage What You Cannot Measure: Elevator Audits a Risk Management Tool</i>    | MTG RM 1             |
| 10:00 to 11:00    | TRADESHOW & Refreshment Break   | PTCC tradeshow floor |
| 11:00 to 12:00    | 6A: <i>Codes &amp; Standards: Risk Exposure and Management</i>                                  | SALON C              |
|                   | 6B: <i>Risk Mitigation &amp; Compliance through Asbestos Mgmt</i>                               | MTG RM 1             |
| 12:00 to 13:15    | LUNCH ON TRADE SHOW FLOOR   | PTCC tradeshow floor |
| 13:15 to 13:45    | Conference Close & Prize Draws<br>Closing remarks & Vendor / Conference program draw for prizes | PTCC tradeshow floor |

## Trade Show Booth Floor Plan Penticton Trade & Convention Ctr (PTCC)



# Exhibitor List & Booth Location

Please spend time visiting the Exhibitors who share their time and expertise with you all!

| BOOTH # | COMPANY NAME  | BOOTH # | COMPANY NAME                              |
|---------|---|---------|---|
| 23      | 4th Utility Inc.  | 42      | Grundfos Canada Ltd.                      |
| 20      | Abatement Technologies Limited  | 32      | Hazmasters                                |
| 50      | Acklands Grainger   | 86      | Houle Electric                            |
| 64      | Acuity Brands   | 14      | HSL Automation Ltd.                       |
| 15      | Air Liquide Healthcare  | 69      | Hy-Line Sales Ltd                         |
| 8       | All Therm Services Inc.   | 74      | IDN Canada                                |
| 73      | Allegion Canada Inc.  | 71      | IEM Industrial Electric Mfg (Canada) Inc  |
| 88      | Amico Corporation   | 80      | IPEX Inc.                                 |
| 37      | Armstrong   | 44      | IRC Building Sciences Group               |
| 39      | Armstrong Ceilings  | 49      | Johnson Controls                          |
| 81      | B.G.E. Service & Supply Ltd   | 85      | Kee Safety Ltd.                           |
| 79      | Bay Industrial Instruments Ltd.   | 58      | KONE Inc.                                 |
| 54      | Belimo  | 43      | Logical Solutions                         |
| 30      | BMS Integrated Services   | 59      | Maintenance Connection Canada-BC          |
| 38      | Buckwold Western  | 83      | McGregor Hardware Dist.                   |
| 29      | Camfil Canada   | 51      | Milwaukee Electric Tool                   |
| 66      | Canadian Aqualine Sales Inc.  | 76      | Modern PURAIR                             |
| 45      | Canadian Engineered Products & Sales Ltd.                                 | 82      | Nalco Canada an Ecolab Company            |
| 19      | Canstar Restorations  | 47      | National Air Technologies                 |
| 21      | Cascadia Energy Ltd.  | 75      | National Office Furniture/Arcocom Fabrics |
| 67      | Castertown  | 6       | Pacific EHS – A Total Safety Company      |
| 11      | CGC Inc.  | A       | Price Industries/Control Solutions        |
| 61      | Chubb Edwards – Fire and Ascom Nurse Call                                 | 5       | Primco                                    |
| 62      | Chubb Edwards - Integrated Communication Systems (ICS) & Security systems | 87      | Primex Wireless                           |
| 46      | Class 1 Inc.  | 17      | Proactive Hazmat & Environmental Ltd.     |
| 65      | Clean Air Services  | 60      | Select Sound & Communications Ltd         |
| 72      | Cool Air Rentals Ltd  | 57      | Siplast                                   |
| 9       | Cool King Refrigeration Ltd.  | 78      | Spirax Sarco                              |
| 68      | Cullen Diesel Power Ltd.  | 25      | Steam Specialty Sales                     |
| 84      | CuraFlo of British Columbia Ltd.  | 24      | STERIS Canada Inc.                        |
| 85      | D.G. MacLachlan Ltd.  | 7       | Stutters Disaster Kleenup                 |
| 56      | Dafco Filtration Group  | 18      | Tandus Centiva                            |
| 70      | EB Horsman & Son  | 40      | TE Connectivity                           |
| 27      | ECNG Energy L.P.  | 13      | Terracom Systems Ltd.                     |
| 63      | Edgewood Matting Ltd  | 35      | Thomson Power Systems                     |
| 16      | EI Solutions  | 26      | Trane Northwest                           |
| 52      | EnviroSafety Confined Space Safety Equip Inc.                             | 4       | Tremco Roofing and Building Maintenance   |
| 53      |   | 10      | Victaulic                                 |
| 33      | Erv Parent Co. Ltd.   | 2       | Viessmann Manufacturing Co. Inc           |
| 41      | ESC Automation Inc  | 3       |   |
| 36      | Finning (Canada)  | 28      | Watertiger                                |
| 55      | Forbo Flooring Systems  | 12      | West Care Medical                         |
| 48      | FortisBC  | 77      | Westpoint Sales Inc.- Manufacturer Rep.   |
| 34      | Garland Canada Inc.   | 31      | Workplace Resource                        |
| 22      | Genesis Restorations Ltd.   | 1       | WSP Canada Inc.                           |

**CHES – BC CHAPTER**  
**2014 Annual Conference & Trade Show**  
**PENTICTON TRADE & CONVENTION CTR**

| <b>SUNDAY, June 1</b> |                                  | <b>LOCATION</b>     | <b>SPONSOR:</b>               |
|-----------------------|----------------------------------|---------------------|-------------------------------|
| 12:00 to 17:00        | Exhibitor Move-in / Setup Booths | PTCC                |                               |
| 12:00 to 17:00        | Exhibitor Check-in               |                     |                               |
| 15:00 to 18:00        | Delegate Check-in                |                     | <i>Acklands Grainger Inc.</i> |
| 18:00 to 19:30        | Opening Wine & Cheese Reception  | PTCC TRADESHOW FLOW | <i>Fortis BC</i>              |

| <b>MONDAY, June 2</b> |  | <b>LOCATION</b> | <b>SPONSOR</b>         |
|-----------------------|--|-----------------|------------------------|
| 07:15 to 08:15        | Breakfast for Delegates & Exhibitors   | PTCC foyer      | <i>AES Engineering</i> |
| 08:15 to 09:30        | <u>Opening Ceremonies – Welcome Address</u><br><i>Steve McEwan, Chair, CHES – BC Chapter</i> | SALON B & C     | <i>BC Hydro</i>        |



**KEYNOTE ADDRESS: John S. Haythorne, LL.B., P.Eng, B.Sc.**  
Vancouver & National Team Leader of Dentons P3 team

*No consideration of project risk is complete without considering legal risks.*

*As project managers and consultants you do not need be a construction lawyer, but you should understand the basic legal framework for contracts and general law.*

*John will outline the basic legal landscape of most projects, with particular emphasis on how to minimize legal risks, and use the law to minimize projects risks generally.*

|                |   |                 |                                 |
|----------------|---|-----------------|---------------------------------|
| 09:30 to 11:00 | TRADE SHOW & Refreshment Break  | Tradeshow floor | <i>Cullen Diesel Power Ltd.</i> |
| 11:00 to 12:00 | <u>Session 1: The Human Touch in Enterprise Risk Management</u><br><i>Speaker: James Greenhill, Bsc, MBA, FRM</i> | SALON C         | <i>Tremco</i>                   |




Enterprise Risk Management (ERM) governance often works on the assumption of a logical, rational and objective process underlying the estimates of risk. Throughout your ERM program you are dealing with human beings (I hope) who surprisingly do not always act in a logical and rational manner.

This session aims to provide a practical overview of psychological biases affecting rational decision making, suggestions to lessen their impact, and how to deal with them in your governance structure.





| MONDAY, June 2 continued... |   | LOCATION  | SPONSOR  |
|-----------------------------|---|---|--|
| 12:00 to 13:00              | <p><b>Session 2A:</b> <i>A Risk Based Approach to Decision Making – Using a Risk Register to Inform Decisions</i><br/> <b>Speaker:</b> <i>Sharon White, BC Ministry of Finance</i></p>  <p>Making decisions can be difficult in the complex environment that health care operates. There are often many conflicting objectives and perspectives. Staff, clients and visitors must be kept safe. There can be uncertainty in key variables like budget or regulations. You know the basics of risk management, but how can you use these to inform the decision making process and demonstrate transparency in how you got there? Using a sample scenario, a risk register will be populated to demonstrate how this tool can be used to identify, analyze, develop risk controls and monitor the risk management plan. Once developed, the risk register can be a valuable tool to inform and support decision makers as they navigate the challenge of operating in a complex system.</p> | SALON C   | IPAC<br>Chemicals Ltd.                         |
|                             | <p><b>Session 2B:</b> <i>Having Fun with Infection Control in Healthcare Facilities</i><br/> <b>Speaker:</b> <i>Richard Dixon, R&amp;C Dixon Consulting Ltd.</i></p>  <p>Bringing infection control issues down to their simplest form by improving awareness of the most common healthcare acquired infections and preventative measures all presented in a light hearted manner. Attendees will increase their understanding of the basics of infection control so they can contribute to patient care through changes to the built environment. Also, learn about a new Canadian organization Coalition Healthcare Acquired Infection Reduction (CHAIR).</p>  | MTG RM 1  | Williams<br>Moving &<br>Storage                |
| 13:00 to 15:00              | LUNCH ON TRADE SHOW FLOOR   | Tradeshow Floor                                 | Acklands<br>Grainger Inc.                      |
| 15:00 to 16:00              | <p><b>Session 3:</b> <i>A Toolkit for Dealing with Construction Risks – The HCCP Guidelines for Risk Management in Construction</i><br/> <b>Speaker:</b> <i>Jeffrey Milne, CIP, CRM, ABCP BC Government Risk Management Programs</i></p>  <p>At a glance, the Guidelines covering the BC Government's Capital Asset Management Framework, importance of performing a risk assessment, procurement risks, construction contract risks, contract security risks, construction insurance (Contractor insured and Owner insured under the Provincial Construction Insurance Program), the application for construction insurance, insuring equipment forming part a construction project, insuring parking lot construction and risks during demolition or decommissioning of buildings.</p>   | SALON C   | MDE<br>Electrical<br>Mechanical<br>Contractors |
| 16:00 to 16:30              | <p><b>CHES AGM – All CHES Members encouraged to attend</b><br/> <b>*Giveaway to all CHES members in attendance!</b></p>   | SALON C   |  |
| 17:00 to 18:30              | HAPPY HOUR on Tradeshow floor   | PENTICTON<br>LAKESIDE HOTEL<br>Banquet rm lobby | Class 1  |
| 18:30                       | <p><b>PRESIDENTS BANQUET &amp; ENTERTAINMENT</b><br/> <b>** Tickets MUST be purchased in advance and presented at Banquet Entrance</b></p>  | PENTICTON<br>LAKESIDE HOTEL<br>Banquet rm       | Johnson<br>Controls                            |



| TUESDAY, June 3  |   | LOCATION        | SPONSOR                        |
|--|---|-----------------|--------------------------------|
| 07:15 to 08:00   | Breakfast   | PTCC Foyer      | Rocky Point Engineering        |
| 08:00 to 09:00   | <b>Session 4:</b> <i>Controlling the Risks with Air Filtration Products</i><br><b>Speaker:</b> Andrew McGowan – DAFCO Filtration  | SALON C         | National Hydronics Group       |
|    | Overview of the importance of air filtration products in the elimination of air borne contaminants. The elimination of particulates that can support bacteria (mould) that could grow throughout the facility. Discuss feature benefits of air filter design and Media (materials). Discuss the industry standards set by governing organizations (ASHRAE, NAFA, CSA, etc.) Explain the balance between protecting, logistics and environmental concerns. Review Total Costs of ownership to include filter costs, labour, energy costs and disposal  |                 |                                |
| 09:00 to 10:00   | <b>Session 5A:</b> <i>The Connectivity of Risk Management</i><br><b>Speakers:</b> Jay Trethewey, Wakako Thomson & Toven Simonsen – Lower Mainland Facilities Management   | SALON C         | Boldwing Continuum             |
| <br><br><br> | The Lower Mainland Facilities Management (LMFM) Risk Management Program (RMP) encompasses infrastructure, contracts, operational, infection control, and other risks. The presentation will touch on development of the RMP within LMFM, and highlight some of the ways in which the program has fostered connectivity with internal healthcare stakeholders, and with external regulators and industry stakeholders. Topics will include the application of ERM software, building stakeholder engagement, and case studies where tangible and lasting benefits are realized. The presentation may include a brief discussion with one or more of the industry stakeholders involved in the program.                   |                 |                                |
|  | <b>Session 5B:</b> <i>You Cannot Manage What You Cannot Measure: Elevator Audits a Risk Management Tool</i><br><b>Speakers:</b> Dean Anderson, Director, VIHA & Colin Redfern, Manager, LMFM  | MTG RM 1        | Belimo                         |
| <br>  | Presentation on the successful results of elevator audits conducted with in FHA, VCH, PHSA, PHC and VIHA. Why these audits were necessary and the reasons that justify the audit approach. How the audit was engineered to produce the results necessary to meet the Health Authorities needs and how this is a critical tool in facilities risk management. Who the audit involved and impacted and what the results of those interactions were. How collaboration and sharing of good practices between health authorities can provide increase value managing risk with limited impact on existing resources.  |                 |                                |
| 10:00 to 11:00   | TRADESHOW & Refreshment Break   | Tradeshow Floor | WSP Canada Inc.                |
| 11:00 to 12:00   | <b>Session 6A:</b> <i>Codes &amp; Standards: Risk Exposure and Management</i><br><b>Speaker:</b> Ark Tsisserrev & Kevin Cheong – AES Engineering  | SALON C         | ASCO Power Technologies        |
|   | Ark and Kevin will discuss general principles of risk management and electricity in health care facilities (HCFs), essential electrical systems in HCFs, facts and misconceptions regarding electrical systems in HCFs, hot risk topics regarding codes and standards in HCFs, risk associated with electricity in HCFs and general recommendations regarding managing risk from codes and standards.   |                 |                                |
|  | <b>Session 6B:</b> <i>Risk Mitigation &amp; Compliance through Asbestos Mgmt</i><br><b>Speaker:</b> Steve Greentree, President/Principal, ASM Asbestos Surveys & Management Ltd.  | MTG RM 1        | Terracom Systems Ltd.          |
|    | The presentation puts the asbestos issue into perspective in terms of its prolific use in building construction, as a health and safety issue, and one of liability and responsibility on the part of the facility ownership/management. It highlights the importance of asbestos management programs as a matter of regulatory compliance, and its effectiveness as a tool in mitigating the risk of accidental exposure to workers, contracted trades and building/area occupants. The programs function as an inventory and control system, that not only identifies the problem, but provides an effective framework for safely addressing the problem as part of the day-to-day maintenance regimen in a building. |                 |                                |
| 12:00 to 13:45   | LUNCH ON TRADE SHOW FLOOR<br>Conference Close & Prize Draws   | Tradeshow Floor | BMS Integrated Service / LENEL |

**THANK YOU TO ALL OF OUR 2014 CONFERENCE EVENT SPONSORS.**  
 The CHES BC annual Conference continues to be a success thanks to your support!

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## *Thank you to all of our Conference Speakers*

### **KEYNOTE ADDRESS SPEAKER:**

**JOHN HAYTHORNE** is both the Vancouver and the National Team Leader of Dentons' P3 team. He practises in the areas of construction, engineering and infrastructure, with special emphasis on negotiating, drafting and advising on contracts. He is particularly experienced in public-private partnerships, advising owners on the structure and administration of procurement and legal issues relating to design and construction. He has acted for municipal, healthcare authorities and the Province of British Columbia advising on the law relating to tenders, requests for proposals and complex procurements. John began his career practising in construction litigation.

In addition to providing advice on engineering and construction matters, John has also advised clients on a variety of other technical projects including ship building and repair, and truck transportation including waste collection. John is a Registered Professional Engineer, and prior to entering law he worked as a Professional Engineer on infrastructure projects. His unique background as an engineer allows him to focus on practical and workable solutions for clients.

From 1997-1998, John was the President of the Association of Professional Engineers and Geoscientists of British Columbia. He then served on the national Canadian Council of Professional Engineers from 2000 to 2002. John is a frequent lecturer on all matters relating to construction law, procurement and P3s.

### **EDUCATION SESSION SPEAKERS:**

**DEAN ANDERSON'S** career in facilities management spans 27 years and started in 1987 when he accepted the role of maintenance supervisor, chief engineer for a small hospital in Inuvik NWT. In 1991 Dean moved to Victoria where he worked as a maintenance engineer at the Royal Jubilee Hospital for the Greater Victoria Hospital Society. Dean moved into a similar role with the BC Buildings Corporation in 1993 where he advanced to the position of Operations Superintendent until 2002 when he returned to Health Care as a Facilities Manager for the Vancouver Island Health Authority. Then in 2008 Dean accepted the role of Director, Facilities Maintenance & Operations for the Southern Vancouver Island region. Dean holds a Facilities Management Administrator designation from BOMI, is recognized as a Facilities Management Professional with IFMA and most recently has retained a graduate certificate in Health Systems Leadership from Royal Roads University. Throughout his facilities management career Dean has recognized that managing risk associated with mission critical systems and asset maintenance can be a significant challenge. By incorporating an audit plan into the facilities long term maintenance plan Facilities managers can gain a better understanding of their exposure to risk and potential impact on facilities operations and patient care services.

**KEVIN CHEONG'S** expertise includes code and standard issues in a variety of jurisdictions. He has completed a variety of projects including design and construction supervision, design guidelines, and output specifications for health care, educational, transportation, power distribution, lighting and communication projects across North America and the Caribbean.

Kevin is a Professional Engineer, Vice Chair of the City of Vancouver Building Board of Appeal, a member of various CSA Committees including the Technical Committee on the Application of Electricity in Health Care, Canadian Electrical Code, Part 1, Section 38 Subcommittee, the B44 Committee on the Elevator Safety Code, Chair of the Task Force on the NBCC for the CSA B44 Technical Committee, a voting member of BICSI's Codes Committee, a member of the ULC Fire Alarm Working Group, and former member of numerous previous life-safety codes and standards committees with BC Safety, CSA, BICSI, NFPA and other organizations.



**RICHARD DIXON** is president of R&C Dixon Consulting Ltd. which provides consulting services to Canadian and international health care facilities. Richard has 32 years of experience in administration, planning, design, construction, commissioning and infection control of health facilities in Canada, China, Egypt, Qatar, Russia and Vietnam. In addition, Richard is the current vice chair of the CSA Infection Control during Construction, Renovation or Maintenance in Health Care Facilities Committee (Z317.03-12), a member of the CSA Health Care Facilities Committee (Z8000-11), a member of the CSA Health Care Technical Committee, a member of the CSA Plumbing Committee (Z317.1) plus teaches infection control and design sessions to hospitals, consultants and contractors throughout western Canada. He is also a member of the Canadian Healthcare Engineering Society and Deputy Chairperson of Chair Canada. Currently Richard lives in Vancouver, BC but his experience and knowledge has a global reach.

**JAMES GREENHILL** With his experience serving international organizations in government, mining, printing, high technology, manufacturing, transportation and pharmaceuticals, he seeks to make use of best in class risk management techniques and solutions. His most recent experience has been in implementing Enterprise Risk Management (ERM) programs with multiple health authorities in British Columbia. In addition, his work in aviation as a commercial pilot and manager gives him a 'close-up' appreciation for risk management that is effective and practical.

A strong believer in advancing thought leadership, he is a published author on risk financing and risk management processes, and a well-received speaker at corporate and public conferences. He has also taught advanced courses at the Directors' Education Program (ICD) with McGill University.

James holds an MBA (Strategy) from McGill University, a B.Sc. from the University of Alberta, and a Fellowship in Risk Management. In addition, he has completed Level I in the Chartered Financial Analyst (CFA) program and the Canadian Securities Course.

**STEVE GREENTREE:** President/Principal of ASM Asbestos Surveys & Management Ltd., a small consulting firm that specializes in the design, installation, and maintenance of asbestos identification and management programs in commercial and institutional buildings in British Columbia.

Steve has been a part of the hazardous materials consulting and abatement industry in Canada for almost 30 years, having gained considerable insight into the asbestos materials issue over the years from both the OHS consulting and hazardous materials contracting perspectives.

Steve has been a senior OHS consultant with some of the largest and most established firms in BC, and has administered contracts valued in the millions of dollars in facilities ranging from major hospitals to school districts; universities and technical schools; major property management groups; municipal, provincial and federal agencies; transportation, utility services, and the resource sector.

Steve has dedicated considerable time to awareness initiatives concerning the asbestos issue in the workplace, conducting information sessions and training for corporate and public groups, from facility managers to maintenance trades groups, and has been involved in the role of industry association management and advocacy on a number of occasions, and having frequent interaction with regulatory agencies in the betterment of health and safety in the workplace, through awareness and education first.

**ANDREW MCGOWAN** Education: Conestoga College in Engineering, Sales and Marketing at UBC and NAFA certified. Experience: Over 15 years in the Air Filtration industry. Partnered with a majority of Health Care facilities in BC. Develop turnkey solutions to balance hard and intangible costs with risk management. Responsibility: Managing the BC operations of Canada's largest and foremost Air Filter Manufacture "DAFCO FILTRATION GROUP".

**JEFF MILNE** has a diverse educational background which includes business administration, insurance, risk management, business continuity, project management and is currently in a master's program studying leadership. Jeff has worked at the Risk Management Branch (RMB) as a Risk Management Consultant in the Health Care Protection Program (HCPP) since January 2007. In his role at HCPP he provides risk management advice to his clients (the BC Health Authorities and other Ministry funded health care agencies), co-facilitates the Provincial Construction Insurance Program within RMB and manages the HCPP Loss Control Program.

Jeff represents the Health department at RMB on several client P3 projects including the Children's & Women's Redevelopment Project, Fort St. John Hospital and the BC Cancer Agency Centre for the North. Prior to RMB, Jeff worked as a Vancouver Island Manager and Senior Adjuster for a large national independent adjusting firm.

During his time at RMB, Milne has authored several HCPP Risk Notes, HCPP newsletter articles, the HCPP Guidelines for Risk Management in Construction, and co-authored the insurance, indemnity and bonding language for the Provincial Construction Insurance Program.

**COLIN REDFERN** has traveled a ground up 26 year facility management career, starting as a laborer at the University of British Columbia's (UBC) Plant Operations in June of 1988 where he worked his way up to Resource Planner, earning a Bachelor's degree in Forest Operations (Engineering) on the way. It was in breaks from Facility management to do forestry practicums that Colin learned the importance of asset and area audits to quantify exposure to risk, quality of care and prioritize management objectives. Colin left Plant Operations in April 2005 to work for the UBC Faculty of Dentistry as their Senior Facilities Manager. It was at Dentistry where Colin got his start in Health Care Facilities management and was noticed and accepted a job with Vancouver Coastal Health (VCH) in 2008 as their Maintenance Renewal Manager. In 2009 Colin was additionally assigned the Elevator Service Contracts management role which he performed until February 1<sup>st</sup> 2014. Colin initiated the first VCH Elevator audit in December 2011 and the first FHA audit in January 2012 based upon previous successful audits done by Saint Paul's Hospital. Additionally Colin collaborated with Vancouver Island Health Authority on developing their Audit.

**TOVEN SIMONSEN**, MBA, PMP, CSSGB, has been involved in several procurement projects at the Lower Mainland Health Authorities over the past 6 years. Currently he is leading the contract management of Elevator Maintenance, Vendor Managed Inventory, and is looking to take on other procurement activities.

**WAKAKO THOMSON**, MBA, CRM-E, has been involved developing Risk Management programs with Lower Mainland Facilities Management since 2010. She is currently leading a project to expand Asset Risk Management to all Lower Mainland owned Health Care Facilities

**JAY TRETHERWEY** is a Director with Lower Mainland Facilities Management, providing oversight and implementation of Asset Risk Management programs and various related Technical Standards and Optimization initiatives.

**ARKADY TSISSEREV** is a registered Professional Engineer with a Master's Degree in Electrical Engineering. He is also an active member of many industry associations and is involved in numerous technical committees with such organizations as CSA, NFPA, IEEE, ULC, SCC and IEC.

For many years, Ark chaired the BC Electrical Code Adoption Committee and currently hold chair at the CSA Technical Committee for the development of the CE Code and CSA Steering Committee for the Requirements of Electrical Safety. He also actively participates in the ULC Technical Committee for the development of ULC S500 series standards and represents the CSA on the NEC Technical Committee and chairs the Canadian National Committee on the IEC TC 64.

Ark has received numerous awards for his excellent work in electrical safety and life safety in North America, as well as awards for his contributions to the engineering profession and the electrical safety community.

**SHARON WHITE** joined the Risk Management Branch of the Province of BC in 2002 after more than 20 years working in the insurance industry. She has been an insurance underwriter and a broker, dealing with commercial property, liability, surety and crime. She achieved her Chartered Insurance Professional (CIP) designation in 1988 and has held a Canadian Risk Manager (CRM) designation since 2003. Sharon works with clients in the Public Health sector on a broad spectrum of risk management issues both in their day-to-day operations and on special project teams. Sharon is also an instructor for the CRM Program in Victoria, delivered through the Continuing Education Department at Simon Fraser University.

***Thank you to all our speakers for sharing their knowledge and time!***

*If you are interested in presenting at CHES BC 2015, please contact one of the CHES BC Organizing Committee Members.*

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