



**Sunday, March 6, 2016**

***Special Thanks to our Gold Sponsors C.R. Wall & Co Inc. and Foothills Industrial Products***

**C.R. Wall & Co. Inc.**  
SINCE 1981



2:00 pm - 4:00 pm

**Exhibitor Set Up Only**  
Ballroom South

4:00 pm - 7:00 pm

**Early Registration**  
Ballroom Foyer

**Monday, March 7, 2016**

**Special Thanks to our Gold Sponsors C.R. Wall & Co Inc. and Foothills Industrial Products**

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8:00 am - 9:00 am

**Registration & Breakfast in Exhibit Hall**  
Ballroom South

**Breakfast sponsored by Underwriters Laboratories of Canada Inc.**



9:00 am - 9:15 am

**Chair's Opening Remarks & CGA Welcome**  
Crown Room

9:15 am - 9:45 am	<b>Opening Address</b> Crown Room John Oakley, Vice President of Distribution Operations, Enbridge Gas
9:45 am - 10:15 am	<b>Safety Awards</b> Crown Room
10:15 am - 10:45 am	<b>Refreshments &amp; Exhibits</b> Ballroom South
10:45 am - 12:00 pm	<b>Safety Starts With Awareness, Awareness Starts With You</b> Crown Room Bernie Inman, Handi Ventures Inc.
12:00 pm - 12:15 pm	<b>What's Current Session</b> Crown Room
12:15 pm - 1:15 pm	<b>Plated Lunch</b> Ballroom North
1:15 pm - 2:00 pm	<b>Coffee &amp; Dessert with Exhibitors</b> Ballroom South
2:00 pm - 2:45 pm	<b>1. Plastic Spastic</b> Princess North Clinton Windhorst, Senior Engineer, Pressure Control Engineering, ATCO Gas Stephen Rawlinson, Vice President, Americas, Stats Group

A historical analysis of the pros and cons of using Plastic pipe. We will take a look at first generation product and continue down the line to modern day products and applications, and then look into what we can expect for the future with a demonstration of a new poly isolation tool.

## **2. Damage Prevention**

Princess South

Jim Tweedie, Operations Safety and Integrity Management, Canadian Gas Association

Michael McGivern, Program Manager, Damage Prevention, Enbridge Gas Distribution

The CGA Damage Prevention Task Force has worked with the Canadian Common Ground Alliance (CCGA) for the building & acceptance of Canada-wide excavation best practices. The Task Force has also developed its own member-driven best practices to complement the CCGA best practices. This breakout will present both for attendee information & input.

## **3. Alternating Currents (AC) on Pipelines**

North York North

John Shore, Principal Corrosion Engineer Corrosion Engineering, Union Gas Limited

Fernando Velandia, Corrosion Control Engineer, Manitoba Hydro

Fernando Velandia from Manitoba Hydro will discuss the influence of induced alternating current (AC), from electrical infrastructure, on the design of protection systems and impacts to personnel safety. Fernando will explain how the evolution of the coatings increase the effect that induced AC may have in corrosion. Awareness of induced and conducted AC voltage onto oil and gas pipelines is growing with the advent of wind and solar farms. John Shore from Union Gas will discuss AC Mitigation on Oil and Gas Pipelines and share Lessons Learned. This presentation discusses challenges encountered implementing AC mitigation and the impact on standard operating practice.

## **4. Vehicle & Vehicle Outfitting Standards**

North York South

Julien Dolléans, Gaz Métro

Arnim Julien, Fleet Manager, Enbridge

Kathy Webster, Manager of Logistics, Union Gas

Attendees will be viewing vehicles outside as part of this session. Come to session dressed for outdoors as well.

A panel of utilities will present their corporate standards & designs considerations for the purchase & outfitting of vehicles involved in the operation & maintenance of natural gas distribution systems including emergency response. This session will include a showing of some of the types of vehicles in use today.

2:45 pm - 3:15 pm

### **Refreshments & Exhibits**

Ballroom South

3:15 pm - 4:00 pm

### **5. Construction efficiencies**

Princess North

Gord Rossini, General Manager Distribution Contracts, Link-Line Group of Companies

Greg Thompson, Manager, Construction & Growth Support, Union Gas

Randy Villeneuve, General Manager - Union Gas Work, Aecon Utilities

The Alliance Working Team – Greg Thompson, Randy Villeneuve (Aecon), Gord Rossini (Link Line) will discuss execution and closure of project work. Target areas of discussion will include:

- Customer Attachment Process – Communicate the work completed at a high level, how we work with customers in setting expectations, and how the Alliance Partners plans their work to achieve the goals of the process.
- Initiation Phase of projects – Discuss the value of the pre-engineering work that is completed to establish strong project plans. Share the different tactics used, and the overall benefits from investing in this work upfront.
- Execution Engagement – Discuss the value of our meeting structure for the field crew – Mobilization meetings, tail gates, weekly construction meetings and closure meetings.

### **6. Excavating Procedures During Emergency Response**

Princess South

Kevin Bowers, Manager, Plant Damage Prevention, Union Gas

Discussion will focus on how this type of scenario has been handled in the past versus what today's legal opinion would be

around those legacy approaches. Attendees will also be presented with some new thinking around emergency excavations for their organization's consideration.

## **7. Material Quality Control**

North York North

Angela Scott, Manager Pipelines Engineering, Union Gas

The method by which organizations are addressing the information & records needs around their existing & proposed natural gas delivery system materials is critical to CGA members' asset & integrity management programs. This breakout session will discuss how material quality management programs &/or systems are being designed & implemented to ensure compliance with the requirements of CSA Z662.

## **8. Social Media - The Next Generation of Business Engagement**

North York South

Leanne McNaughton, Graphics and Digital Communications Specialist , Union Gas Limited

Jamie Anne Vaughan, Digital Communications Specialist , Enbridge

Greg Prieur, Web & Interactive Communications Strategist , Union Gas Limited

This session will cover why we care about social media, how it affects our frontline employees and what we are doing on social media including during emergency response.

4:30 pm - 6:00 pm

### **Reception**

Ballroom South

6:00 pm - 8:00 pm

### **Dinner and Entertainment**

Ballroom North

**Tuesday, March 8, 2016**

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8:00 am - 9:00 am

**Registration & Breakfast in Exhibit Hall**  
Ballroom South

**Breakfast sponsored by Underwriters Laboratories of Canada Inc.**



9:00 am - 9:45 am

**Incentive Regulation Update**  
Crown Room  
Lynne Anderson, Vice President, Applications, Ontario Energy Board

The Ontario Energy Board will discuss incentive regulation for natural gas distribution in Ontario, and ways in which this form of regulation could be enhanced to have a stronger emphasis on customer outcomes and benchmarking utility performance.

9:45 am - 10:15 am

**Refreshments & Exhibits**  
Ballroom South

10:15 am - 11:00 am

**9. Excess Flow Valves; Field Experiences**  
Princess North

Charlie Higgins, Senior Advisor Distribution Operations, Union Gas  
Gerry Pumphrey, Field Manager, Enbridge

An interactive panel discussion on excess flow valves (EFV's), from theory of operation and installation policy to benefits and challenges in field applications.

#### **10. Communication Devices; Field Intrinsic Safety**

Princess South

Frédéric Daoust, Director of Monteregie business office, Gaz Métro

Daniel-Marc Paré, Advisor, project management, Corporative quality, Certified Lean Six Sigma Black Belt, Gaz Métro

As part of the proposed replacement of computer equipment and mobile telecommunications at Gaz Métro, an analysis was performed to determine the intrinsic level of safety required for hardware tools and telecommunications device used by field technicians involved with the distribution and transmission networks. Referring to CAN CSA-C22.1 part 11, the intrinsic safety levels used by Gaz Métro had to be revised. During the conference, you will discover the path and steps implemented by our working group to raise the intrinsic safety levels within our company.

#### **11. Static Electricity – Hazards and Controls in PE pipe**

North York North

Dirk Smith, President, Ionix Gas Technologies

Attendees will have a working understanding of how static electricity is manifested in gas pipelines. A knowledge of how to recognize potential static ignition situations and have the basics to implement a prudent, targeted and cost effective static suppression program based upon a prioritized ranking of known static risk operations.

There will also be a hands-on demonstration of creating static on a PE pipe, measuring the static with a static meter, dissipating the static and confirming that dissipation with a static meter.



## **12. Drones in a Utility World?**

North York South

Mathew Desbiens, AltaGas Utilities Inc.

The use of UAV's (Unmanned Ariel Vehicles) in the utility industry has been growing. AltaGas Utilities has been an early adopter of UAV technology and they continue to utilize it for project planning, reconnaissance, engineering analysis and gas leak detection. This presentation will cover previous flights performed by AUI with both rotary drone and fixed wing UAV aircraft. The processes of flight planning, permitting, flying, data processing and data applications will be explained in detail. The final flight deliverables include high resolution aerial photography, LiDAR point cloud topographic data and geothermal data, all of which will be presented. Additionally, AltaGas Utilities will touch on their 3D station scanning project using the Trimble VX 3D scanner.

11:15 am - 12:00 pm

## **13. Don't Melt the Mechanical**

Princess North

Chuck Dubeau, Principal Pipeline Engineer, Union Gas

Clinton Windhorst, Senior Engineer, Pressure Control Engineering, ATCO Gas

Nik Ong, Regional Engineer, Zone 1 - Metro Vancouver, FortisBC

Our Panel will discuss the evolution of different types of PE Mechanical Fittings, and the Pros & Cons of their use into the future.

## **14. Respect, Safety, Security; Health & Safety Guidance for Protests**

Princess South

Jim Tweedie, Operations Safety and Intergrity Management, Canadian Gas Association

Suzana Prpic, Director, Corporate Emergency Management, Fortis BC

Canadian Gas Association to present

In today's world, there is increased opposition to any number of pipelines being proposed by the energy industry in North America. The result can be confrontation between protesters/activists & natural gas delivery industry workers as well as public authorities. This breakout will present industry guidance intended to help organizations in their thinking around how best to address the safety of workers, the public, the authorities & activists/protesters themselves.

## **15. Field Applied Coatings - Requirements & Considerations**

North York North

Keith Recsky, Senior Integrity Engineer, FortisBC

The recently published CSA Z662-15 mandates how CSA Z245.30-14 is to be used by pipeline companies for field applied coatings. An informative presentation will be provided to address why and how the code content was developed, what it means to operating personnel and give several LDC approaches to compliance. Keith Recsky is a member of the CSA's Z662 Coatings Technical Sub-Committee and was the chair of the task force that drafted the new CSA 245.30. He will explore these aspects with his enthusiasm and passion for the importance of field applied coatings.

## **16. Enbridge Gas Distribution's GTA Project**

North York South

**This Session has been cancelled. Please attend one of the remaining sessions based on availability.**

Enbridge's GTA Project significantly upgrades the natural gas distribution system to Toronto and surrounding communities, and is the utility's first major network upgrade in 20 years. The project comprises an unodourized NPS 42 pipeline (27km), odourized NPS 36 pipeline (23km) and several new/upgraded station facilities. This presentation will highlight the formidable undertaking of construction in a congested landscape (including contingency planning for work near existing vital mains), tie-ins, commissioning, and additional work for operational readiness.

12:00 pm - 12:45 pm

### **Plated Lunch**

Ballroom North

12:45 pm - 1:15 pm

### **Coffee & Dessert with Exhibitors**

Ballroom South

1:15 pm - 2:15 pm

### **Vision of Natural Gas – Senior Panel Discussion**

Crown Room

Graeme Feltham, Vice President, Engineering & Construction, ATCO Pipelines

John Oakley, Vice President of Distribution Operations, Enbridge Gas  
Mike Shannon, Vice President, Distribution Operations, Union Gas

Our industry is being subjected to increasing media & public scrutiny questioning our overall societal value. This scrutiny has the potential to negatively impact our ability to retain the social license & public acceptance necessary to continue to deliver natural gas to end-use customers. This Senior Operations Panel will discuss the direction of & vision for the NG delivery industry as anti-pipeline/anti-fossil fuel movements grow & what our industry's position & messaging should be. The Panel discussion will be followed by a moderated Q&A for Conference participants.

2:15 pm - 2:30 pm

**Closing Remarks / Prize Draws / 2017 Conference Announcement / Exhibitor Tear Down**  
Crown Room