WHAT YOU WILL GAIN FROM THIS EVENT:

- Learn how to safely manage the handling, storage and transport of dangerous goods through rail, road, air and sea
- Hear how the adoption of the international Globally Harmonized System (GHS) will affect Canada and your business
- Update your knowledge on the latest regulatory reforms and how to achieve compliance
- Find out how to identify dangerous goods and safely assess chemicals and hazardous substances
- Learn about current TDG requirements, aviation regulations and new standards
- Acquire effective strategies for a safe and secure working environment
- Network with experienced experts and your industry peers
- Learn how to correctly classify and label hazardous chemicals for transport
- No sales pitches - Non commercial presentations
- Understand how to prepare for an emergency situation using ERAP’s
- Listen to dangerous goods case studies from the local industry

WHO SHOULD ATTEND:

- Engineers, managers and specialists who deal with hazardous substances and dangerous goods
- Chemical, operations and safety engineers/managers
- Legislative, safety and regulatory compliance professionals
- Transportation, distribution & storage professionals
- Government regulatory and local government staff
- Packaging and warehouse operators
- Health and Safety professionals
- Mining engineers and workers
- Legal practitioners
- Plant and factory operational personnel
- Environmental engineers, technologists & professionals
- Emergency personnel (paramedic and ambulance staff)
- Medical practitioners and paraprofessionals
- Dangerous goods consultants
- HAZMAT professionals
- And anyone with an interest in the safe storage, handling and transport of dangerous goods in Canada.

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FOR MORE INFORMATION
Phone: 1800 324 4244
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www.idc-online.com

Presented by:

DANGEROUS GOODS CONFERENCE
Storage, Handling & Transport of Dangerous Goods

Speakers Include:

MARK ROEHLER
Hazardous Materials Expert
Principal, LEHDER
Environmental Services Ltd

TREVOR HOWARD
Manager, Cargo Safety and Dangerous Goods Standards
Air Canada

JEAN-CLAUDE MORIN
First responder to the Lac-Mégantic train derailment
President and CEO, MD-UN

2nd & 3rd December 2014
Executive Royal Hotel
NORTH CALGARY CANADA

Proudly Sponsored by:
The quantity of dangerous goods being stored, handled and transported across the country continues to increase as industrial activity in Canada remains strong. With increased activity comes increased safety risk and more dangerous goods accidents. Many of these incidents are caused by human error followed by mechanical or design failure and they result in the loss of product, damage to equipment, minor to serious injuries and in extreme cases fatalities.

The aim of this conference is to explore the variety of dangerous goods incidents that occur locally and nationwide every year and to provide practices and strategies to prevent accidents and reduce the overall number of incidents. A strong focus on regulatory reforms, legislation and compliance will feature throughout this event as safety is paramount when dealing with hazardous substances and dangerous goods. Protecting public safety through effective dangerous goods classification, emergency response and means of containment will also be explored.

### Conference Day One – 2nd December 2014

**8.00am**  
Registration

**8.15am**  
Opening Address

**8.30am**  
**Session 1**  
**The GHS System is Now Ready for Implementation. Are You?**  
**Mark Roehler** - Principal, LEHDER Environmental Services Limited  
**KEY NOTE**  
The Globally Harmonized System (GHS), is an international system that defines, classifies and communicates health and safety information relating to the hazards of chemical products. The GHS classification of physical hazards is based on the existing UN Recommendation for the Transport of Dangerous Goods (TDG) "Orange Book". This session will provide insight into the purpose, scope and application of the GHS worldwide. The anticipated adoption date of the GHS in Canada is June 1, 2015. This session will also cover the current state of Canada’s transition to the GHS. In addition, you will learn how the GHS will affect businesses in Canada, how it changes the existing WHMIS, and more importantly, what you can do to prepare for its arrival.

**9.30am**  
**Session 2**  
**The Myth of Dangerous Goods Compliance**  
**John Green** - Ph.D. - Managing Director and Francine Pitre, PREP Services International Ltd  
It is reasonable to believe that most dangerous goods non-compliance issues are a result of the shipper taking short cuts with hazard classification and proper shipping name selection. As a result, goods are typically packaged, marked, labelled and documented incorrectly. A recent audit of a major oil field supply company concluded that 80% of proper shipping names were not “the most appropriate”. This presentation will cover the real issues of poor quality or inadequate material classification training resulting from shippers attempting to save costs. Industry case studies and spill information will be covered.

**10.45am**  
**Session 3**  
**Dangerous Goods Incidents on the Ground and at 35,000 Feet**  
**Trevor Howard** - Manager, Cargo Safety & Dangerous Goods Standards - Air Canada Cargo  
Incidents involving dangerous goods can happen on the ground or in the air, and these incidents can be handled in similar ways or quite differently, depending on whether they occur in a warehouse setting, on the airport ramp area, or at 35,000 feet. This session will look at case studies of different types of dangerous goods incidents. The case studies will include images of incidents as well as reporting procedures and required documentation. We will also look at typical failures seen on the shipper side, as well as what is required from an airline perspective to make this right.

**11.30am**  
**Session 4**  
**A Quality System Approach to the Transportation of Dangerous Goods (TDG) Emergency Response Assistance Plans (ERAPs)**  
**Spencer Buckland** - President, LPG Emergency Response Corp  
The LPGERC is a national not for profit emergency preparedness and response organization dedicated to development, implementation and response of ERAPs for oil and gas producers, retailers, wholesalers, and carriers. Each year there are hundreds of road and rail dangerous goods incidents that require the activation of an ERAP. The key to a successful ERAP program is applying a quality management system (QMS). This presentation will discuss a QMS approach to ensuring the ongoing success of responding to dangerous goods incidents by road and rail in Canada.

**Lunch - 12.15pm**

**1.15pm**  
**Session 5**  
**Lessons Learnt from the Lac Mégantic Train Derailment Disaster**  
**Jean Claude Morin** - President, MD-UIN, Quebec  
You can never be ready for an incident of this magnitude, even after 20 years of working in emergency response; Jean-Claude couldn’t imagine what he was walking into. The 50 days he spent in Lac Mégantic in 2013 was a very unique experience. The mission was to empty 65 tank cars, clean, dismantle and dispose of them. To this day, clean-up of the site is ongoing. This session will give an overview of events, discuss the complicated logistics required to achieve this clean-up and how effective coordination with local firefighters, police and city employees was imperative.

**2.00pm**  
**Session 6**  
**The Pain of Prevention in the Dangerous Goods World**  
**Pierre Boies** - President & Dangerous Goods Regulatory Expert, Zone Conform Inc.  
Dangerous goods prevention is the action of stopping dangerous goods incidents from occurring by ensuring full regulatory compliance. Unfortunately prevention has enemies, and many Canadian companies dealing with dangerous goods believe full compliance will be too expensive. This session will cover effective strategies to manage dangerous goods threats and risks, and explore the obstacles that impede prevention.

**Afternoon Break - 2.45pm**

**3.15pm**  
**Session 7**  
**Transportation of Dangerous Goods – Canadian Council for Aviation & Aerospace (CCAA) Standard and Certification**  
**Glenn Priestley** - Director, CCAA  
The Canadian Council for Aviation & Aerospace (CCAA) has a 20 year history of cooperation with industry experts, government, and educators in creating national competency standards and curricula for over 30 aviation and aerospace manufacturing occupations. This session will cover the CCAA’s recent Transportation of Dangerous Goods Program Administrator Competency Standard. The standard describes the technical knowledge, responsibilities, and tasks expected of the executive, who is ultimately accountable for the safe transportation of dangerous goods, compliance with regulations, and proof of corporate due diligence. This standard is the foundation for hiring criteria, assessments, certification, training and risk management strategies.

**4.00pm**  
**Session 8**  
**Transport Regulations – Dangerous Goods vs Hazardous Waste**  
**Gerald Enns** - Hazardous Waste Specialist - Environment Division, Government of the Northwest Territories  
The relationship between hazardous waste and dangerous goods is often confused due to historical changes in the TDG. This session will explore the misunderstandings of current TDGR requirements and provincial and territorial hazardous waste regulations. A brief examination of substances like mercury, used oil, and contaminated soil will outline the importance of transportation safety and environmental protection by different government agencies. This will include clarification of why and how these overlapping but separate subject matters are frequently misunderstood.

**Closing - 4.45pm**

**NETWORKING SESSION:**  
Cocktail Hour - 5.00pm to 6.00pm  
An hour dedicated for all attendees to meet and socialise with experts and industry peers at the Dangerous Goods Conference Cocktail Hour.
Dangerous Goods in Air Transport – How a thought turns into a proposal and finally into a regulation

Trevor Howard – Manager, Cargo Safety & Dangerous Goods Standards – Air Canada Cargo

By the time a proposal to amend the dangerous goods regulations becomes reality; it has undergone a lengthy and complex process. This session will provide insight into exactly what it takes for a regulation to become a process for transporting dangerous goods by air. Regulations are not developed on the back of a paper napkin and subsequently forced into industry. Multiple stakeholders are involved in the creation, development and implementation of aviation regulations, as we will uncover in this session.

Dangerous Goods Response to Explosive Azides – Quebec Case Study

John Green – Ph.D. – Managing Director and Francine Pitre, PREP Services International Ltd

This session will share some of the knowledge and lessons learnt during several emergency responses to shock/heat sensitive hydrazic acid and heavy metal azide situations within hospital/laboratory piping systems. This type of incident is normally well out of the public’s eye as most health facilities avoid mentioning the potential for explosive compounds being formed within health care facility piping systems. The extreme measures that must be taken during these explosive material removals are more than justified by the number of technicians and tradespeople being injured as a result.

Morning Break - 10.15am

Dangerous Goods Collision Avoidance – Alberta Case Studies and Statistics

Jamie Erickson – Dangerous Goods Inspector, Owner and Head Instructor, Alberta Defensive Tactics Training Inc.

In this brief look at dangerous goods collision avoidance, we will discuss how dangerous goods collisions occur and steps to avoid them. Topics to be discussed include recent Alberta collision statistics, the three key driving factors, common causes of dangerous goods collisions, the four step decision making process when faced with a driving emergency, perception and reaction time, effects of speed, dynamics of a collision, and seat belt implications. Attendees will leave with an overall understanding of the frequency and common causes of dangerous goods collisions, and the best practices and prevention measures to avoid them.

Shipping “Limited Quantities” of Dangerous Goods – Air, Water and Ground

Tracey Thibeau – Safety Sales Consultant & IATA, IMDG and Ground/Rail TDG Instructor, Danatec Educational Services Ltd.

This presentation will discuss the similarities and differences in various modes of transport. For example, dangerous goods training is mandatory for air and water but ground training does not apply to the handling and transport of limited quantities of dangerous goods on road, rail or domestic ship if each means of containment is legibly and durably marked on one side with the “limited quantity” mark. Also covered will be changes to IATA regulations regarding the words “limited quantity”. By the end of this session those involved in shipping limited quantities will have the proper training in the mode they will be using to ship their products.

Lunch - 12.15pm

Hazardous Waste and Dangerous Goods – How do these two terms relate?

Mark Roehler – Principal, LEHDER Environmental Services Limited

This session will outline the terms “Hazardous Waste” and “Dangerous Goods” and show the similarities, yet differences, in classification from a shipping perspective. Guidance in classification of dangerous goods and hazardous waste by provincial jurisdiction will be reviewed and discussed. Various scenarios will also be used to illustrate how documentation (bill of lading or waste manifest) should be completed in order to maintain compliance with TDG and provincial waste regulations.

Dangerous Goods Training and Competency – The Horror Stories

Terry Penney – Safety Professional, P bar Y Safety Consultants

When dealing with dangerous goods the overall goal is to keep people safe. Helping your employees is therefore vital to achieving competency. This session will cover the importance of effective dangerous goods training and competency measurement, and the development of a comprehensive regulatory compliance management program. Are your employees on top of the latest legislation? Do they understand proper segregation of chemicals? Do they understand the differences between TDG, WHMIS/GHS and industry standards? This session will cover several horror stories resulting from inadequate dangerous goods education and training.

Afternoon Break - 2.45pm

Classification of Dangerous Goods and Environmentally Hazardous Substances

Alison Walker – Chief Sustainability Officer, Jamer Holdings

This presentation will focus on classification of dangerous goods with a particular emphasis on the former class 9 substances. It will trace the history of the regulation of these chemicals, the tables that were removed from TDG in 2008, and where the criteria for these substances can be found today. This is particularly relevant to any producers or waste managers dealing with wastes that contain benzene, toluene, ethyl benzene, xylene (BTEX) lead, chromium or arsenic. The presentation will also outline changes in the TDG regulations respecting classification. A significant impact to all consignors (generators) of dangerous goods is the new requirement to provide proof of classification and consignor certification. A brief overview of this recent regulatory change, as well as implementation dates will be provided. Finally, we will work through some specific classification examples in Western Canada, noting the differences in criteria amongst the Western Provinces.

4.00pm

Discussion Panel

This session will provide delegates with the opportunity to ask our speakers questions and discuss dangerous goods issues in their workplace, covering typical problems and possible solutions.

Closing - 4.45pm

All conference papers are reviewed and selected for their high quality and technical value by our panel of specialists experienced in the theory and practice of dangerous goods.
KEYNOTE SPEAKERS:

MARK ROEHLER
Principal, LEHDER Environmental Services

Mark Roehler has over thirty years of experience in environmental management and chemical research and development. The projects he has managed and conducted include environmental stewardship, industrial site assessments, source emission surveys, personal and area exposure sampling, environmental audits, WHMIS, Material Safety Data Sheets and transportation regulations for dangerous goods and wastes. Mark has developed and taught environmental courses at the request of Lambton College in Sarnia, Ontario and the Centre for Health Environment & Safety (CHES), formerly the Environmental Management Resource Centre for Lambton College in Sarnia, Ontario and the Centre for Health Environment & Safety, which is now the Centre for Health Environment & Safety. Mark has also managed and conducted research and development. The projects he has managed and conducted include environmental stewardship, industrial site assessments, source emission surveys, personal and area exposure sampling, environmental audits, WHMIS, Material Safety Data Sheets and transportation regulations for dangerous goods and wastes. Mark has developed and taught environmental courses at the request of Lambton College in Sarnia, Ontario and the Centre for Health Environment & Safety (CHES), formerly the Environmental Management Resource Centre for Lambton College in Sarnia, Ontario and the Centre for Health Environment & Safety, which is now the Centre for Health Environment & Safety.

TREVOR HOWARD
Manager, Cargo Safety & Dangerous Goods Standards
– Air Canada Cargo

Trevor has worked in the cargo division at Air Canada for 15 years. From loading containers, to accepting dangerous goods shipments, to warehouse supervisor and finally to his current position of Manager, Safety and Dangerous Goods Standards. Trevor oversees dangerous goods training and all aspects of dangerous goods handling and transportation within the cargo branch, as well as inter-branch across Air Canada. He is a current board member on the IATA Dangerous Goods Board, an advisor to the Canadian panel member at the ICAO Dangerous Goods Panel and sits on the Board of Directors of COSTHA, the Council on Safe Transport of Hazardous Articles.

REGISTRATION FORM:
DANGEROUS GOODS CONFERENCE
2nd & 3rd December 2014 – Executive Royal Hotel, North Calgary

Simply complete this registration form online or return by fax or email

1. DELEGATE DETAILS

Contact: Company Name:

Company Address:

Suburb: Province: Post Code:

Phone: Fax: Email:

ATTENDEES:

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2. HOW DID YOU HEAR ABOUT THIS EVENT?

☐ Received an email from IDC
☐ Received a brochure in the mail
☐ Recommended by a friend/colleague
☐ Magazine advertisement/insert (please specify which magazine below)
☐ Other (please specify)

3. REGISTRATION & PAYMENT DETAILS

Prices shown are exclusive of GST or HST

DANGEROUS GOODS FORUM - 2nd & 3rd December 2014

☐ OPTION 1: Early Bird 10% OFF - Book on or before 4th Nov (SAVE $150) $1350 x ___ delegates = $ __________

☐ OPTION 2: STANDARD RATE (No Early Bird) - Book after 4th Nov $1500 x ___ delegates = $ __________

☐ OPTION 3: 3 for 2 Offer AND Early Bird 10% OFF
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PLEASE NOTE: Full payment is required prior to the commencement of the conference. TOTAL DUE = $ __________

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GENERAL INFORMATION

Confirmation Details
A confirmation email and invoice will be sent to delegates within 3 days of receiving the registration.

Cancellation Policy
A fee of 20% will apply for cancellations received 7-14 days prior to the start date of the conference. Cancellations received less than 7 days prior to the start date are not refundable, however substitutes are welcome.

Venue
Executive Royal Hotel, North Calgary
2828 23rd St NE Calgary, AB T2E 8T4 CANADA
Phone: +1 403-291-2003

Accommodation
The conference venue has accommodation available. Contact directly on 403 291 2003 and mention IDC Technologies when booking and receive the best room rate available.

Food and Beverages
All lunches, morning and afternoon refreshments are included.

Unable to Attend
If you are unable to attend the full conference program, contact us for details to attend individual sessions or to purchase the Conference Resource Kit.

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