



# FIRE WATCH

ONTARIO INDUSTRIAL FIRE PROTECTION ASSOCIATION

Fall 2007

## Canadian Industrial Emergency Conference and Expo London, ON

The CIE conference continues to impress by creating a forum for discussion among Canada's industrial emergency services personnel. The speakers were excellent and the chosen host venue delivered a professional service in every way. As a new venture, this conference requires one key improvement – more attendees! Oil, gas, petrochemical and now automotive are well presented as usual, but our partners in industry of all types need to join this excellent forum for the exchange of ideas and the furtherance of knowledge on all matters relating to fire prevention and suppression. All OIFPA members should communicate with their peers in the Pulp and Paper, Mining, Airport and other industries with significant risk from fire inherent to their businesses as well as Big Box retailers in your communities that have numerous stored chemicals in their facilities. You don't need to be a Fire Chief to get involved and know more about the risks you face on a daily basis. Even if you are not the one that will ultimately have to fight the fire, the more parties involved in the discussion make for a safer industrial world.

Next year's CIE event is scheduled for Red Deer, AB and will surely be a big hit. While we can't all travel to lovely Red Deer, their joining the OIFPA is a good start. Their membership affords them an excellent networking opportunity to learn more about their risks and offer their expertise to their peers.

### Annual General Meeting Ontario Industrial Fire Protection Association

To coincide with the Conference the OIFPA held their Annual General Meeting on Wednesday, September 19<sup>th</sup>, 2007. Together with proxies received prior the meeting, there were enough in attendance to conduct the business meeting for the Association. The usual business was conducted ie accepting the minutes of the previous AGM and the financial statement as presented, but in general the members were happy with the direction the Association has taken to date and the seminars that have been made available.

A committee has been formed to update and make current the By-laws of the Association to be chaired by Mark Harrop of Randall Brown and Associates, and Derek Roy, Kidde Canada will be looking at the strategic planning for the Association along with the other Directors.

Roy Graham, Petro Canada, Oakville, Jim Belrose, Imperial Oil, Sarnia, Todd Wilson, PepsiCo Foods, Peterborough along with Cyril Hare, of Cyril Hare & Associates let their names stand but up for election purposes the following names were submitted for voting:

Doug Scale (Lamton College – Industrial Fire School), George Fawcett (Leber/Rubes, Ottawa) Mark Harrop (Randall Brown and Associates), and Derek Roy (Kidde Canada) of the present board.

Both Paul Donnelly (Fire-X-Ting) and Fred Baumgartner (FirePoint Technologies) submitted their request to step down at this time.



*Recognize these handsome faces.... Cyril Hare (Cyril Hare & Associates); Doug Scale (Lambton College – Industrial Fire School); Roy Graham (Petro Canada); in front Jim Belrose (Imperial Oil); Paul Donnelly (Fire-X-ting); and Fred Baumgartner (Firepoint Technologies)*

Other members of the Association – Craig Anderson (Imperial Oil, Nanticoke); Gene Thompson (Proctor & Gamble, Belleville), Rich Rattray (Petro Canada, Oakville), and Mario Moceri (Daimler Chrysler, Windsor) allowed their names to stand. By a unanimous vote all members were accepted as board of directors with the one addition of George Hatfield of Suncor, Sarnia who will be added as a Director at Large.

Welcome to all new members and it looks like an exciting year for the association with fresh ideas and a diverse industrial component.

**JIM BELROSE** - Imperial Oil - Fire Marshall Sarnia Site – Since Oct. 2004  
Industrial Fire Technician - since April 1980  
Chairperson of the Response Review Committee - Chemical Valley Emergency  
Coordinating Organization (C.V.E.C.O.)  
C.V.E.C.O. Executive member  
Vice - president of the OIFPA 2006-2007  
Guest presenter at the 2007 OAFCA meeting in Toronto.

**GEORGE FAWCETT, C.E.T.** - is a Vice President and Branch Manager with Leber/Rubes Inc., a firm specializing in Building Code Consulting and Fire Protection Engineering. George has over 25 years experience in the consulting engineering field.

George specializes in conducting fire hazard assessments and the design of a wide range of fire protection systems. These projects include: petrochemical refineries, military bases, nuclear power plants and uranium mines & mills.

George is presently or has previously been a member of numerous Standards and Code Writing Committees, which include the National Building & Fire Codes Standing Committee on Hazardous Materials and Activities, Advisory Committees to the Ontario Fire Code, ULC Fire Alarm Committees, and a Canadian delegate to the International Standards Organization.

George is a Past President of the Ontario Industrial Fire Protection Association and the Society of Fire Protection Engineers, Southern Ontario Chapter and current President of the Society of Fire Protection Engineers, National Capital Region Chapter.

**Mark Harrop** is a Project Engineer with Randal Brown & Associates Ltd., a life safety and fire protection consulting engineering firm in Toronto. Mark has worked at the firm for five years and his prime responsibility is providing Code compliance reviews for industrial facilities. Mark served this previous term as a member of the Board of Directors of the OIFPA.

**Derek Roy** is currently Vice-President of Kidde Canada Inc. responsible for sales and marketing for the Angus Fire and Angus Flexible Pipelines product groups. For the past 10 years, Mr. Roy has worked closely with municipal and industrial fire fighting groups as the Technical Sales Manager, designing solutions for the use of fire hose and fire fighting foam protection systems for various risks as well as conducting numerous seminars across Canada on the selection, applications and applicable standards relating to the use of fire hoses, foams and assorted hardware. Mr. Roy holds an undergraduate degree in economic analysis from Concordia University and performed previous work as a consultant in the public transit industry for rural communities in Québec.

**Doug Scale** has been a Professor at Lambton College Industrial Fire School in Sarnia, Ontario for over eighteen years. Prior to joining Lambton College he was a specialist in Industrial Fire Protection for a major Canadian fire and safety equipment distributor, the last 14 years in Chemical Valley. Doug is a past President of the Ontario Industrial Fire Protection Association. He is currently a regional evaluator for the Board of Canadian Registered Safety Professionals and holds Industrial Fire Brigade Instructor and Educator certifications. He is also a member of the International Society of Fire Service Instructors, National Fire Protection Association, Industrial Sector and the Fire Department Safety Officers Association.

**Craig Anderson** and is Safety & Emergency Response Advisor for Imperial Oil at the Nanticoke Refinery. I have been a fire fighter in the Canadian Navy and with Imperial Oil for a total of twelve years. I am also a volunteer with Norfolk County Fire and EMS.

This is the end of my first year as a member of OIFPA. I became a member to be able to network with my peers and have since gained from our members' wide range of experiences and shared learning. I believe associations such as ours to be vital as they promote advancement, knowledge, and in our profession save lives and protect property and assets.

I am interested in becoming a director of the association because I believe it important to actively participate and to aid in the furthering of its aims and goals.

**Gene Thompson** is the Site Fire Chief of the Procter and Gamble site in Belleville, Ontario and a Senior Captain with the Municipality of Centre Hastings Fire Department. Gene has over twenty-two years of experience in industrial and municipal fire protection. He has been a member of the OIFPA for 6 years and is a member of the National Fire Protection Association and the Industrial Fire Chiefs Association.

Bios not available at the time of printing.... Roy Graham (Petro Canada, Mississauga), Cyril Hare (Cyril Hare & Associates) and Rich Rattray (Petro Canada, Oakville)

**Welcome to all new and old board members!**



Picture perfect day at  
Fire Rock Golf Club

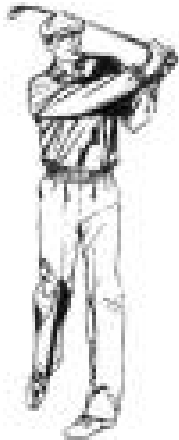
Recognize this crew??



It couldn't have been any better of a day for all who participated for the 12<sup>th</sup> Annual Wm. Beatty Golf



## 12<sup>th</sup> Annual William Beatty Golf Tournament Tuesday, September 18<sup>th</sup>, 2007



What a day – the sun couldn't have been any brighter on a location at FireRock Golf Club in Komoka. It was truly a picture of grandeur. The golf course, which is only several years old, and a 2-year-old clubhouse made you feel that you were off many miles away while 68 golfers truly enjoyed a round of golf on an absolutely perfect day. There was not a negative to be found for this day. Everyone in attendance has indicated that they truly enjoyed themselves – from the course, the food and the donations made by many.

**Thank you to all our sponsors** – Scott Health, Elkhart Brass, Snap On Tools, Kidde Canada, Imperial Oil, Randall Brown and Associates, Bruce Power, North Safety Products, Fire Monitoring of Canada Inc., PepsiCo Foods, Canadian Safety Supply, FireHall.com, Canadian Industrial Expo, Fire Fighting in Canada, Fire Marshal's Public Safety Council, Lambton College, Corunna Volunteer Fire Dept., Lakeshore Hydrant, Suncor, Commercial Solutions Inc., FirePoint Technologies, Res-Q-Tech; and Novelis. We couldn't have done it without their continued support.

**Lunch Sponsors (and afternoon snack)..** Fire Monitoring of Canada Inc., who played a major part in this year's luncheon, along with Imperial Oil, PepsiCo Foods and Kidde Canada just added to the glorious day of golf.

**And to those who donated to our prize table** ... North Safety Products, Suncor, PepsiCo Foods (Peterborough), MSA, Canadian Safety Products, Seneca College, PetroCanada (Oakville and Mississauga); Fire Monitoring of Canada Inc., International Truck and Engine Plant, Dow Chemical; Lambton College Fire and Emergency Response Training Centre; Ontario Power Generation Generating Station (Courtright) Corunna Firefighters Association (Corunna); Easy Way Cleaning Products, Leber/Rubes Inc., Commercial Solutions Inc.; Acklands Grainger, Capp Fire Marketing, CHEX TV (Peterborough); Elkhart Brass; E.D. Smith & Sons, Imperial Oil, NRTC (Dave MacDonald), Enbridge, Starfield Lion, Dow Chemical, Ansul, Kidde Canada, Bob Henderson, Josh Gordon, Rick Hansen who goes out of his way to help with the prize contributions and so many more who donated something but didn't leave their cards.

Just to say thank you is really not enough for the continued support of so many of our members and their companies in making this event a continued success.

Our one and only lady this year and a new attendee – Andrea Martin from Commercial Solutions Inc. won both Closest to the Pin, and Longest Drive for the Ladies.

Special thank you to two young men from the Fire Science Technology program for their assistance - Mark .... and Tyler .... who assisted throughout the day and spoke about their experience in the course and working in the fire industry. They were a tremendous help along with Todd Wilson and Fabien Shank of PepsiCo Foods (Peterborough).

Our big winners this year were ...

**Low Net - Rich Rattray**, Petro Canada

**Low Gross - Daryl Scott**, North Safety Products.

**Closet to the Pin ...Daryl Scott**, North Safety Products

**Longest Drive... Blake Willock**, Lambton College

**Congratulations to all the winners!!!**

## **For Safety's Sake - A Vital Role : Incident Safety Officer**

In Emergency Services today, very few have not heard of the "Incident Command System" by now. The use of ICS and the benefits are growing continuously. One of the most important of roles within ICS is the "Incident Safety Officer".

The scene of an emergency whether it is a fire, confined space incident, hazmat incident, or medical emergency is a busy, sometimes loud and confusing scene at the best of times. Designating someone who stands back and takes the whole scene into view will help avoid undesired negative outcomes by looking for the unseen hazards, unsafe behaviors, or tunnel vision that are likely to occur when focused on an emergency situation.

By definition, the Safety Officer assesses hazardous and unsafe situations and develops measures for ensuring the safety of responders. The safety officer has emergency authority to stop and/or prevent unsafe acts. In a single or unified command situations, a safety officer is designated.

Safety officers can ensure personal protective equipment and emergency response equipment are used correctly, responders are working together without putting each other in danger and that the necessary safety procedures are carried out, such as energy isolation. They will establish your hot and warm zones and help with accountability.

When creating or revising your emergency plans, procedures, and preplans; make a point of writing in the Safety Officer's role and train a member of your team for this position. For more information or examples of the duties a safety officer fulfills, a search on the internet will provide you with plenty of information to help.

Remember, the first step in the path to success is safety.

Craig J. Anderson  
Safety Advisor/ Emergency Response Services  
Imperial Oil, Nanticoke Refinery

### How to Burn Yourself.... With Your New Grill...

How to Burn Yourself....

I went out to put the meat on the grill and noticed no flame. The LP gas had been running for about 10 minutes from when I last turned it on. So, I turned off the gas, open the grill top for about 3 minutes, then went to turn it on... NOW, for a split second, I looked at the doors and thought I should open them because gas would be building up in the cabinet.... My hand still turned the knob.



*(LP GAS FACTOID – LP Gas is heavier than air, and can flash burn at 1100 deg in less than 1 second)*

- Heavy 1<sup>st</sup> deg burns to hands and face.
- 2<sup>nd</sup> deg burns to lower leg fronts
- 3<sup>rd</sup> deg on top of foot
- No damage to grill

The Flames came out under the grill first, hit me at waist level, then the flames sucked back in and exploded out through doors under sink and reach about 2 feet over my head. The Explosion was heard 3 doors down, broke the 1/8 inch steel hinges on the door and blew out vent cap 50'. Not a thread of my clothing was singed...

I Took a shower, still had hair and eyebrows, just a little less, and then decided I needed to go to the hospital. On the way blisters started forming on my feet, about the size of a quarter. It took the NAS JAX Doc 5 minutes to decide to send me to the burn center at UF Shands. By the Time I got to the Shands and my room, my entire feet were a bunch of blisters about 1 inch high.

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## ONTARIO FIRE CODE

The Office of the Fire Marshal is pleased to announce the release of the new 2007 edition of the Fire Code with the filing of Ontario Regulation 213/07 on May 25, 2007. The new Fire Code will come into force on November 21, 2007. Please continue to visit this website for additional information over the coming weeks.



This regulation is revoked on November 21, 2007.

## BP Safety Alert

### Failure of Gas Cartridge Fire Extinguisher



#### Description of Event

A fatal injury occurred in Indonesia resulting from the operation of a gas cartridge type dry chemical powder filled fire extinguisher. Upon activating the fire extinguisher, the bottom of the extinguisher body failed. The fire extinguisher propelled upwards and struck the fire extinguisher operator in the neck and chin area resulting in fatal injuries.

There were signs of corrosion on the base of the extinguisher - it is thought that this may have contributed to the fire extinguisher failure. As a precautionary measure it is advised that all cartridge type fire extinguishers (in simple terms those which do not have a pressure gauge attached) should be inspected immediately. Those which show signs of significant corrosion or severe pitting should be removed from service and replaced.

NB: An investigation team is currently working to determining the system causes of the incident and will report in due course. This may result in further recommendations.

#### Photograph of Fire extinguisher



#### ACTIONS To Be Taken

**Visually inspect all gas cartridge operated fire extinguishers that are located in potentially corrosive environments. Please check for signs of significant corrosion or severe pitting on the body and base of the fire extinguisher. Where there is a sign of corrosion or severe pitting on the extinguisher, take the extinguisher out of service immediately and replace it with a new unit.**

During inspection, accessories such as rubber bases or mounting brackets should be removed to ensure a complete visual examination of the unit. If you are in doubt to the severity of the corrosion, take the extinguisher out of service and have it tested in line with manufacturer's guidelines. Potentially corrosive environments include:

- fire extinguishers stored outside, unprotected from the weather
- fire extinguishers stored in wet or damp environments, or in potential standing water
- fire extinguishers stored near marine environments, jetties, platforms, shipping any facility located near salt water
- fire extinguishers stored on or near chemical processing facilities