

Curious About Industry Activity?

 **UPDATEline**  
1-866-653-9959



Join us for... **Sherwood Park CAER Fair**, Millennium Place  
Saturday, September 17<sup>th</sup>, 9:00 am – 1:00 pm

Community Awareness Emergency Response

# CAERNEWS

FALL  
2011

## Sherwood Park CAER Fair **Moves to Millennium Place!**

The Strathcona Industrial Association invites you to attend our last CAER Fair of the year at a new location, Millennium Place in Sherwood Park. Industry and emergency responders from Strathcona County will bring response equipment for the public to see and explore. In addition to SIA members, a number of community safety and emergency preparedness organizations will have displays and information booths.

There will be a free breakfast courtesy of the SIA from 9:00 – 11:30 am

**Millennium Place, Sherwood Park**  
**Saturday, September 17<sup>th</sup>, 9:00 am – 1:00 pm**  
**Free breakfast sponsored by SIA 9:00 – 11:30 am**  
**Information and interactive displays**  
**Fun for all!**



Full edition of CAER News & 2010 Annual Summary now available at [www.sia.ab.ca](http://www.sia.ab.ca) or call 780-429-CAER (2237) to receive a copy.

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## Protect Your Family **From Fire!**

Fire Prevention Week in Canada is being observed October 9<sup>th</sup> – 15<sup>th</sup>, and Fire Prevention Canada has provided great information for families on its website [fireprecan.ca](http://fireprecan.ca). Fire can be devastating, learn to prevent fires and how to prepare your family response to fire. Knowing what to do can save lives and reduce damage to property.

### The ABCD's of Portable Fire Extinguishers

A fire extinguisher is a storage container for an agent like water or chemicals. It is designed to put out a small fire, not a large one. Extinguishers are labelled ABC or D. Ensure you use the right extinguisher for the appropriate type of fire.

**A) Ordinary Combustibles** – Fires started with paper, wood, drapes and upholstery, require a Class A type extinguisher.

**B) Flammable and Combustible Liquids** – Fires originating from fuel oil, gasoline, paint, grease in a frying pan, solvents and other flammable liquids require a Class B type extinguisher.

**C) Electrical Equipment** – Fires started with wiring, overheated fuse boxes, conductors, and other electrical sources require a Class C type extinguisher.

**D) Metals** – Certain metals such as magnesium and sodium require a special dry powder Class D type extinguisher.

A multi-purpose dry chemical labelled ABC puts out most types of fires: wood, paper, cloth, flammable liquids and electrical fires. If you intend to buy more than one, you may want to purchase a BC for the kitchen, an A for the living room and an ABC for the basement and garage.



### Learn How to PASS

1. **Pull the pin.** Some units require the releasing of a lock latch, pressing a puncture lever, inversion or other motion.
2. **Aim** the extinguisher nozzle (horn) at the base of the fire.
3. **Squeeze** or press the handle.
4. **Sweep** from side-to-side at the base of the fire.

## Farewell to **Boyd Barrilleaux**

In August, the SIA said farewell to Boyd Barrilleaux, Manager of the Imperial Oil Strathcona Refinery. Boyd served the SIA in both the VP CAER and VP Environment roles. We thank Boyd for his contributions to SIA, including attending CAER Fairs and community events to connect with local residents. We wish him well in his new post with Exxon Mobil's Singapore refinery.

## News from **Imperial Oil**

Imperial Oil – Strathcona refinery publishes an annual newsletter for neighbours. The 2011 edition is available at [www.imperialoil.ca](http://www.imperialoil.ca) by following the link to community reports. If you would like a printed copy, please contact Imperial Oil's community relations office at 780-449-8571 or make the request via email [imperial.strathcona@esso.ca](mailto:imperial.strathcona@esso.ca).

# FOCUS ON

# AltaSteel

## AltaSteel

AltaSteel has been operating its steelmaking operations at the 34th Street site for over fifty years and was previously owned by Stelco and Scaw Metals Group. In January of 2011, it was purchased by OneSteel Ltd., along with Moly-Cop International. OneSteel is a fully integrated, global manufacturer and distributor of steel and finished steel products. It is self-sufficient in both iron ore and scrap metal, with revenues in excess of \$6 billion Australian dollars.

Both AltaSteel and Moly-Cop are based in the Americas and consist of grinding media and steel products businesses, focused on the high-growth mining consumables sector. Grinding media are used in the process of extracting minerals from ore, particularly in the fast growing copper and gold mining industries. The AltaSteel and Moly-Cop acquisition, together with OneSteel's existing grinding media production facilities in Australia, the United States and Indonesia, will provide OneSteel with global scale in the growing grinding media market.

Recognizing that the company name is known in the industry, OneSteel did not see the need to change the name, however AltaSteel's logo and company colours have changed, incorporating elements of the OneSteel brand. AltaSteel's website has also been refreshed as part of the change.

### Connected to Community

AltaSteel is a strong supporter of the Strathcona Industrial Association, and Chris Jager, President of AltaSteel has played an active role within the SIA community. Chris recently announced his retirement

after 36 years with AltaSteel and thanks everyone involved in the SIA for all their hard work and contributions to the community. AltaSteel will continue to support and work with the SIA. While Chris has moved on to a new chapter in life, AltaSteel will do the same as we welcome our new President, David Knights who joins us from down under. David Knights has been part of the OneSteel organization since 2002 and is looking forward to playing an active role within the SIA and the community.

### Investing in the Future

In late 2009, AltaSteel completed a multimillion dollar project in the Bar Mill to replace the existing billet reheat furnace, that had been in operation since 1967, with a state-of-the-art Danieli reheat furnace. The Danieli furnace utilizes a high efficiency counter-flow type recuperator to allow waste gas heat recovery by preheating combustion air. Ultra-low Oxides of Nitrogen (NO<sub>x</sub>) type burners are also used in the reheat furnace, providing significantly lower NO<sub>x</sub> emissions compared to the previous furnace. Energy efficiency benefits of a 40% reduction in natural gas consumption per billet tonne have been realized. **The total quantity of NO<sub>x</sub> released from the AltaSteel site in 2010 decreased by 26% from 2009.**

### Focus on Environment

In 2007 AltaSteel implemented a voluntary action plan to reduce diesel consumption used for the operation of large mobile equipment at the plant site. To date, the action plan has been very successful, achieving a

16% reduction in consumption in 2008 and a 22% reduction in consumption in 2009 compared to 2007 baseline data. The reduction in diesel consumption has had a positive impact on air emissions, resulting in average annual reductions of 329 tonnes of Carbon Dioxide (CO<sub>2</sub>) and 9 tonnes of NO<sub>x</sub>. These reductions have been achieved largely through the elimination of unnecessary equipment idling and equipment upgrades.

AltaSteel's No. 1 process water system is one of two recirculating closed loop water systems which provides roll and equipment cooling to the Bar Mill and also serves to transport millscale. In November 2010, upgrades were made to the No. 1 process water system. The submerged vertical transfer pumps from 1976 were replaced with aboveground horizontal pumps which do not require a constant supply of potable water for bearing lubrication. **Since the installation of the new transfer pumps, water consumption has resulted in an 18% overall reduction in monthly water consumption for the entire AltaSteel site.**

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### AltaSteel's QUICK FACTS

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**Plant opened:** 1955

**Location:** 9401 – 34 Street

**Website:** [www.altasteel.com](http://www.altasteel.com)

**Employees:** 420

**Raw material:** Scrap Steel

**Products:** Steel bars for the mining, oilfield, agriculture, manufacturing and construction industries

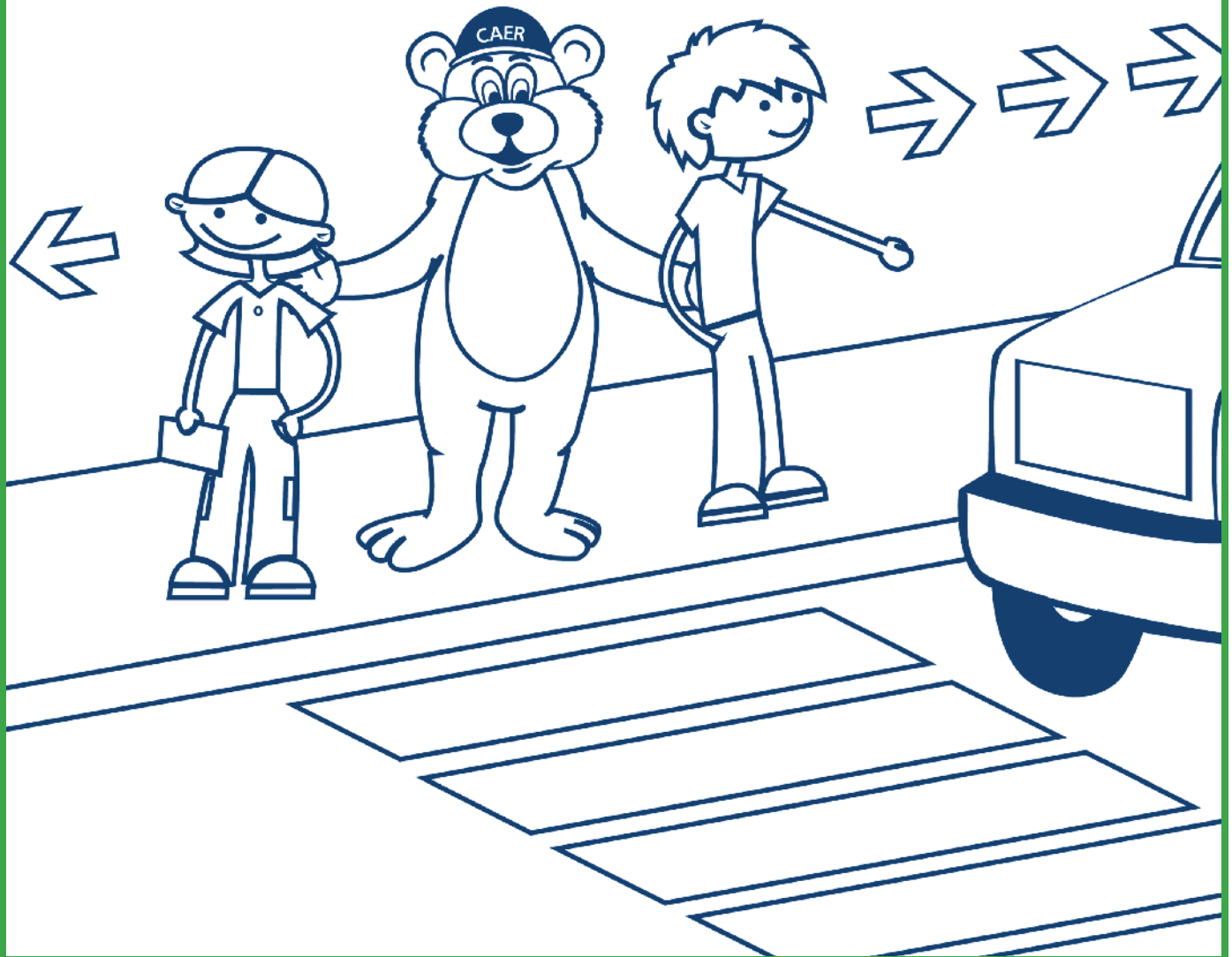
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# SAFETY COLOURING FUN with Aware Bear

Community Awareness Emergency Response

## Use caution when crossing streets



**Strathcona  
Industrial  
Association**

**"Always play safe and  
know what to do!"**

For more safety tips check 'Safety Corner' on our website

## Enbridge Hosts Emergency Response Exercise on North Saskatchewan River



On August 9<sup>th</sup>, Enbridge response crews partnered with Edmonton and area emergency responders to conduct a spill training exercise on the North Saskatchewan River. Over 1,200 feet of containment boom was deployed across the river as crews worked together to strengthen private/public sector joint response protocol. "Joint emergency response training exercises provide an opportunity for Enbridge to practice a coordinated response with local responders along our right-of-way," said Dale Burgess, General Manager, Enbridge Western Region. "By working together, we are able to test our incident response process." Crews arrived on scene and quickly organized themselves using the incident command structure. Containment boom was seamlessly deployed by over 60 workers on shore and in boats on the river. "Practicing a unified response ensures that our employees are well prepared and understand their role should an incident occur where we need to work with other organizations," said Dale. Enbridge crews from Edmonton and Hardisty worked with the City of Edmonton Fire and Rescue, Edmonton Hazmat, Strathcona Fire Rescue and other emergency responders located around Edmonton to complete the training exercise.

## Suncor Energy Edmonton Refinery Celebrates 60 Years of Operations

Suncor commemorated over a half century of successful operations in the Edmonton area on September 10<sup>th</sup> with employees and their families, retirees, and the community.

"Over the years we've worked closely with government, community and other stakeholders to ensure that we are considered a valuable neighbour in the Edmonton/County of Strathcona area," says John Prusakowski, Vice President, Suncor Energy Edmonton Refinery. "We're proud of our employees and contractors who contributed to make this 60 year achievement possible – and invited the local community to join us in celebrating this major milestone."

### A look at the Suncor site history

Suncor Energy's Edmonton Refinery sits on 247 hectares of land in Strathcona County and processes feedstock sourced solely from the oil sands of northern Alberta. This refinery was called 'Petro-Canada' until August, 2009 following a merger between Petro-Canada and Suncor. Original site construction was completed in 1951, when it was the British American Oil Company. In 1981, Gulf Canada began construction of new processing units in the Refinery and in 1983, the refinery became the first in Canada to refine upgraded synthetic crude from Alberta's oil sands. The Refinery produces gasoline and diesel and supplies to Western Canada.

## SIA Members Recognized as **EnviroVista Champions**

**Alberta EnviroFuels** and **EPCOR** were again recognized with EnviroVista Champion status in June. Alberta Environment's EnviroVista program recognizes companies that exceed the expectations of the province's environmental legislation, as well as demonstrate responsibility, stewardship and an ongoing commitment to improve environmental performance. Facilities that follow a comprehensive and publicly-accessible third-party audited environmental management system and have an Alberta Environment license approval are eligible to apply. Companies must also have an exemplary emissions performance and have successfully operated under the province's Environmental Protection and Enhancement Act for at least five years.

# SIA at 14<sup>th</sup> Annual River Day

SIA partnered with the City of Edmonton and numerous aquatic and environment groups to celebrate the North Saskatchewan River during Environment Week in June. More than 2000 people came to the event at Rundle Park to learn about the river and its many uses, as well as what is done to protect it to ensure it remains sustainable into the future.



We would like to **HEAR FROM YOU!**

## COMMENTS:

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Send to:  
 Strathcona Industrial Association, P.O. Box 3374,  
 Sherwood Park MPO Sherwood Park, AB T8H 2T3  
 or visit [www.sia.ab.ca](http://www.sia.ab.ca)

# Support for Summer Reading

The Imperial Oil Foundation is proud to support the summer reading programs for children and teens and the youth volunteer program at the Strathcona County Library. More than two thousand children participated in the "animal odyssey" themed reading program. For more information about projects supported by the Imperial Oil Foundation visit the website [www.imperialoil.ca](http://www.imperialoil.ca) and follow the community and society link.

Darren Goerz presents the cheque from the Foundation to library staff (left to right) Michele Feser, Nicole Lawson, Alyssa Uhrig and Jane Roberts.



## SHELTER-IN-PLACE

In Case of a Chemical Emergency

1. Go inside. Turn on local radio/TV.
2. Close all windows and doors.
3. Turn off exhaust fans.
4. Listen to radio or TV for further instructions. Keep phone lines free.
5. If odour is strong, seal an inside room with wet towels at base of door. Breathe through a damp towel to filter air.



**911 should be called only for emergencies.**



CAER News is a quarterly publication of The Strathcona Industrial Association.

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