



Board of Directors:

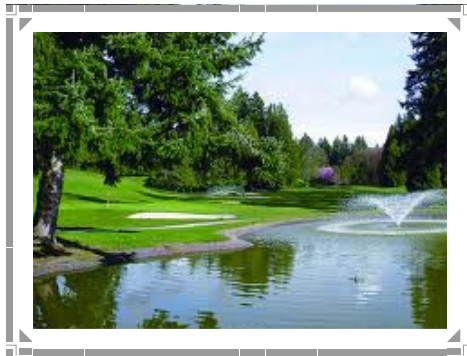
- > **Crystal Lambert:** Chair
Purity Casting Alloys Ltd.
sales@purityalloys.com
- > **Casey Sheriland:** Vice Chair
Highland Foundry
csheriland@highlandfoundry.com
- > **David Lalonde:** Secretary/Treasurer
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- > **Drew Johnston:** Sports Director
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- > **Brian Palm:** Education/Membership
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- > **Tim Olson:** Apprenticeship
Adanac Pattern Shop Ltd.
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- > **Kia Damghani:** Entertainment Director
Thompson Foundry
kia@telus.net
- > **Jim Coulman:** Past Chair
Levelton Consultants
met@levelton.com

AFS—BC Chapter September NEWSLETTER

We're on the web!
<http://www.afsbc.ca>
<http://www.facebook.com/groups/118131523681>

2011 Fall Golf Tournament

Peace Portal Golf Course is the sunniest course on this side of the border. Established in 1928 it has achieved a 4 star rating by Golf Digest and a "Top 100 Public Course in Canada" by Canada's Golf Ranking Magazine.



For \$99 enjoy 18 holes of golf, Callaway Scoring, Awards, Trophies and a Steak BBQ Dinner. Guests coming for dinner only, \$40.

Submit your preferred foursomes by September 2nd, 2011.

CONTACT: Drew Johnston, Rypac Aluminum Recycling Ltd. Ph: 604.580.7471 Email: d-sjohnston@telus.net

Power Carts must be booked in advance at an additional cost of \$32 each (\$16 per person). Call 604.538.4818 to book your cart today.

Date: September 17th, 2011
 Time: 12:30pm start
 Cost: \$99 for golf & dinner; \$40 for dinner only

Company sponsorships are welcomed for our prize table and trophies!



**There are
336
dimples on
a
regulation
golf ball.**

<http://www.facebook.com/event.php?eid=233114806724143#!/groups/118131523681/>

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AFS Mountain Bike Meetup

The AFS is organizing a mountain biking get together on Burnaby Mountain for all that are interested. Rain or shine join Crystal Lambert and Casey Sheriland for an evening of fun.

We will park at the bottom of Burnaby Mountain on Gagardi Way approximately 750 meters north of Broadway. There is a pull out area where we can park.

Afterwards we will go to The Foggy Dew Irish Pub in Coquitlam for dinner and beverages.

Please contact either Crystal or Casey before September 20th if you are interested in joining us.

Date: September 21st, 2011

Time: 6 pm

Cost: Free

Location

Biking: Pull out at bottom of

Burnaby Mountain

Pub: The Foggy Dew Irish Pub

405 North Road

Coquitlam, BC

CONTACT:

Casey Sheriland

Highland Foundry Ltd.

Ph: 604.888.8444

E-mail:

csheriland@highlandfoundry.com

Or

Crystal Lambert

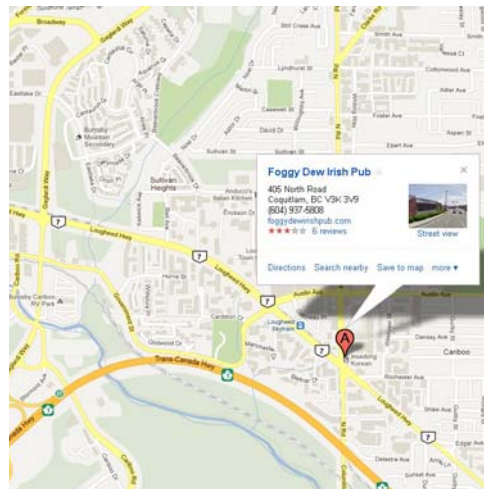
Purity Casting Alloys Ltd.

Ph: 604.888.0181

E-mail: sales@purityalloys.com



Meeting Location



The Foggy Dew



Get to know your board members!

Name: Brian Palm

Company: Robar Industries Ltd.

Years with Robar: 23

Role: Production/Maintenance Supervisor

Birthplace: New Westminster, BC

First Job: Apprentice Electronic Technician

Favorite TV show of all time: Gilligans Island

Hobby: Fly Fishing

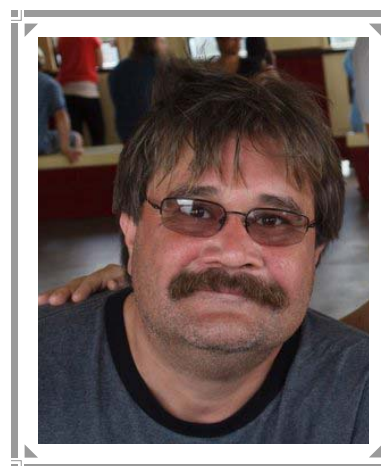
Describe a good day on the job: When everything goes well.

Worst subject in school: Math

What did you do on your last vacation: Disneyworld in Orlando

Favorite Food: Steak

Coke or Pepsi: Pepsi



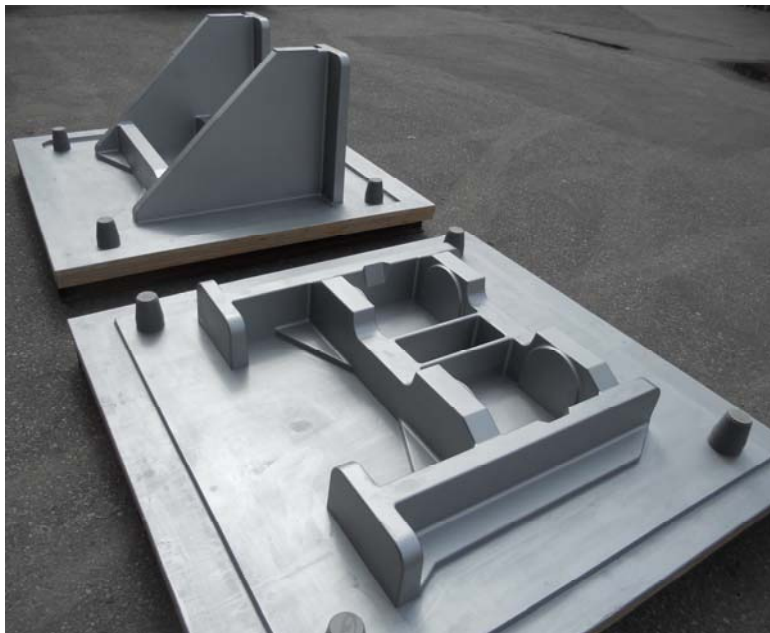
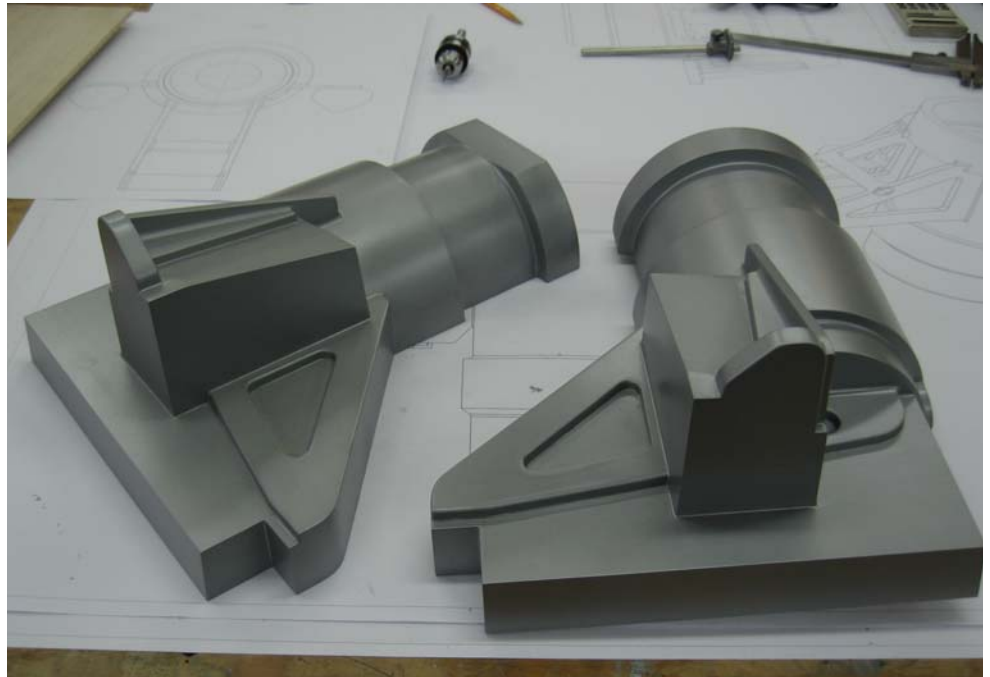


Patterns—The necessary evil

Optimizing the value that is derived from tooling can contribute greatly to reducing manufacturing costs by insuring consistency and quality.

In the early 20th century, the metal casting process relied heavily on moulders to provide a high quality mould. As this proved to be difficult for the moulder and as the metal casting users began to demand more and more integrity and precision in their castings, foundries were forced to shift dependence to the pattern. The dilemma that developed was that the cost of having a highly skilled pattern maker manufacture a high quality pattern was perceived to be excessive when compared to relying on the moulder for the manufacturing of high quality moulds. The result of this dilemma was that Pattern construction became a necessary evil, and still to this day is a much neglected and underutilized asset.

The value obtained from a high quality pattern far outweighs the cost of that pattern. This value is derived from our ability to combine our years of experience with the concurrent engineering and value stream analysis to identify opportunities for minimizing costs and maximizing quality.



THE LOW BID

It's unwise to pay too much, but it's worse to pay too little. When you pay too much, all you lose is a little money— that is all. When you pay too little, you sometimes lose everything, because the thing you bought was incapable of doing the thing it was designed to do.

The common law of business balance prohibits paying a little and getting a lot — it can't be done. If you deal with the lowest bidder, it is well to add something for the risk you run, and if you do that, you will have enough to pay for something better.

— John Ruskin



COC Recap—by David Lalonde

The annual AFS Chapter Officers Conference (COC) in Chicago this year was attended by Brian Palm, director of Education and Membership, and me. The COC gives AFS Chapter Officers and Directors a chance to get together with AFS leadership to review our purpose and goals, both for the overall society and for each chapter and their members. It also provides a networking opportunity, to meet and talk with AFS Chapter Officers and Directors from across Canada, the USA and Mexico.

Key topics discussed included:

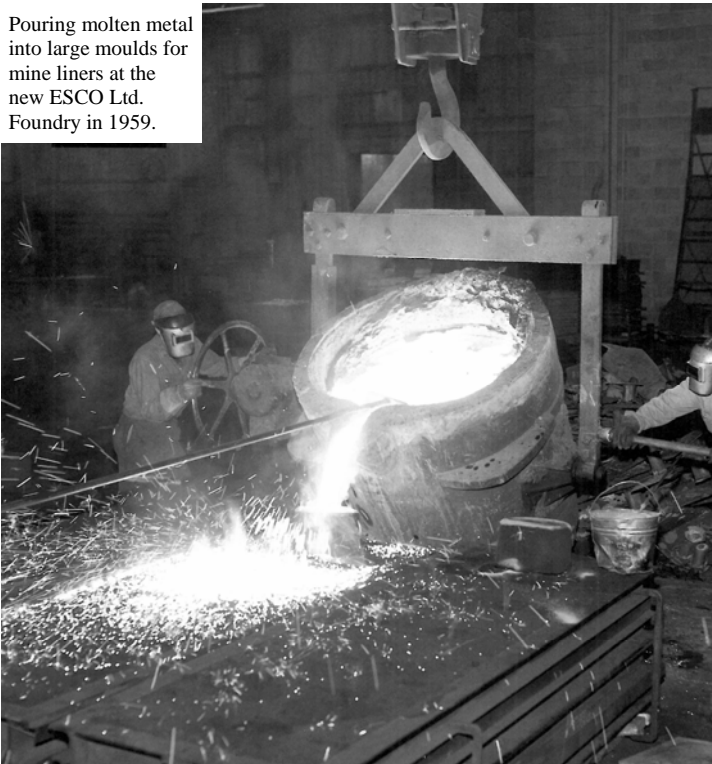
- how individual chapters can work to maintain and expand their membership base,
- making technical programs relevant and worthwhile,
- how to communicate and reach out to members using the internet, such as our chapter website and social media, e.g., Facebook, LinkedIn, and Google+,
- for geographically large chapters, finding new ways to hold board meetings or technical meetings, using webcasting or video conferencing, e.g., iPad FaceTime,
- the importance of more members volunteering with the Chapter, to help keep the board of directors fresh and vibrant,
- being involved in our communities to promote the metal casting industry, be it at schools or with various levels of government,
- and, identifying the challenges that AFS Chapters are facing, and reacting to them in positive ways, e.g., changing membership demographics, changes in the industry make-up, changing economic conditions, government regulatory issues, etc.



The AFS BC Chapter Board of Directors is working to help make your membership a valuable, rewarding and relevant experience! If you have any ideas you would like to suggest, or if you would like to volunteer to join our Board of Directors, please let us know.

Fire in the Blood—British Columbia and Alberta’s Foundry History

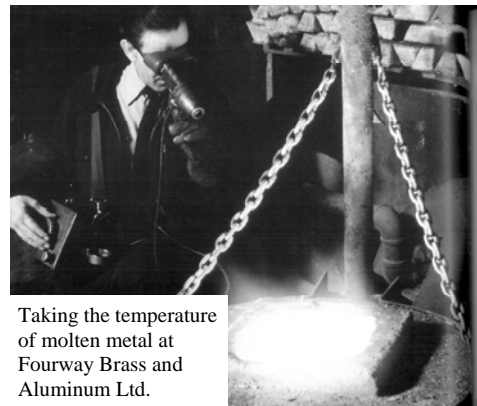
Pouring molten metal into large moulds for mine liners at the new ESCO Ltd. Foundry in 1959.



British Columbia and Alberta owe much to an industry which is “invisible” to most of us. Few people ever get the chance to visit a foundry or watch a foundryman transform hot metal into one of the thousands of products created by this industry. Foundries produce everything from fire hydrants and water taps to ship’s propellers and logging gear—not to mention tiny electronic components and massive bronze sculptures.

Foundries have been an essential part of Western Canada’s rise into a modern industrial society. *Fire in the Blood* begins with the earliest known foundries in the region, basing the story on archival sources from the 19th century. In more recent times, a number of old-timers (and not-so-old-timers) share their memories of the industry’s triumphs and dangers, and of the vivid characters they have worked with over the years.

Fire in the Blood is as varied and exciting as the industry itself. Readers who once worked in foundries or are involved in them now will find much in its pages to enjoy. At the same time, the book provides a legacy for future generations, telling them of their parents’ and grandparents’ role in building our two provinces.



Taking the temperature of molten metal at Fourway Brass and Aluminum Ltd.

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Platinum Sponsors:



Gold Sponsors:

Midan Industries, Millbanks Materials, Rypac Aluminum Recycling, Robar Industries, Thompson Foundry

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Calendar Of Events

Date/Time	Event	Location
Saturday September 17th, 2011 Time: 12:30pm start	BC AFS Fall Golf Tournament	Peace Portal Golf Course Whiterock, BC
Thursday October 19th, 2011 Time: 6:00pm	October Meeting: Consideration for Safely Operating Coreless Induction Furnaces	Langley Events Centre Langley, BC
Thursday November 17, 2011 Time: 6:00pm	November Meeting: Tour	Lehigh Cement Company 7777 Ross Rd. Delta, BC
Thursday December 15th, 2011 Time: 6:00pm	Annual BC AFS Christmas Dinner	Westwood Plateau Golf & Country

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