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Please join us for our

**October Dinner Meeting with Guest Speaker**

This October we are very excited to have Gene Muratore as our speaker! The topic of the evening is **Advances in Ductile Iron**. This presentation covers several major processing and engineering changes to Ductile Iron over the past 40 years. Gene will talk about the reality of thin wall ductile iron castings, the use of filtration, heavy section impact resistant ductile iron and welding of ductile iron.



Details:

**Date: Thursday October 21, 2010**      **Time: 6pm Social Hour**  
**Place: Sheraton Guilford Hotel, Surrey**      **Cost: \$50.00/adult**

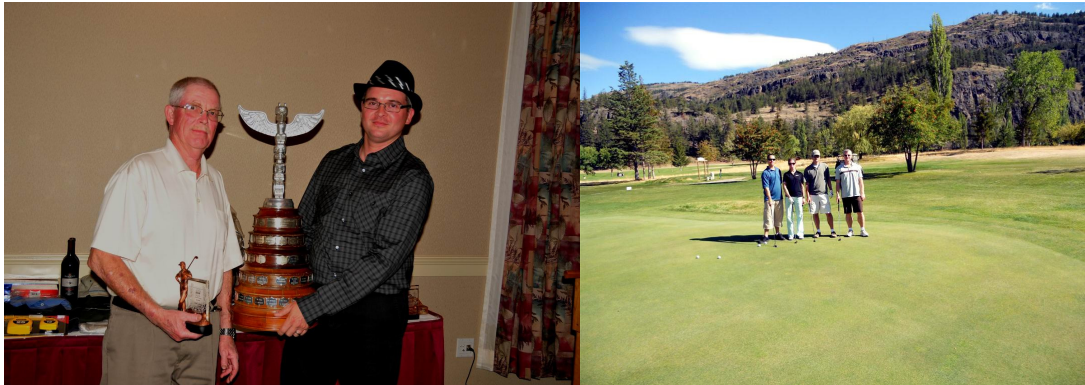
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Please fax this registration page to:  
 Crystal Lambert at **604 888-8313**  
 or email to [sales@purityalloys.com](mailto:sales@purityalloys.com)

## 2010 PENTICTON FALL GOLF TOURNAMENT

The Fall Golf Tournament was once again a great success! There were many highlights to the day - one being that Jim O'Neill from Penticton Foundry, winner of Men's low gross, had a score of 74, only 2 over par!



Another was the brazen black bear enjoying his deer buffet at hole #16.

Here are the list of winners from the golf tournament in Penticton:

Low Gross - Men: Jim O'Neill, Penticton Foundry  
Low Net - Men: Craig Chamberlain, OCL Industrial Materials  
Low Gross - Women: Crystal Lambert, Purity Casting Alloys  
Low Net - Women: Michele Dyson, Robar Industries  
Longest Drive - Men: Paul Dhiman, Dhiman Industries  
Longest Drive - Women: Crystal Lambert, Purity Casting Alloys  
Closest to the Pin: Paul Dhiman, Dhiman Industries  
Longest Putt - Ray Tyres, OCL Industrial Materials  
Most Honest Golfer - Brian Bendig, Penticton Foundry



First, thank you to everyone that came out to our golf tournament in Penticton this past weekend. By all indications a great time was had by all!

Thank you to Twin Lakes Golf Course, and their Golf Pro Greg Pidlaski, for an excellent round of golf! We couldn't have asked for better conditions (except they might want to slow down those greens a touch!). Thank you to Liana Wall and the Days Inn, Penticton, for their hospitality and great service at our Wine and Cheese Reception and Awards Dinner. And thank you to Elaine Gowing of Divine Valley Wine Tours for her fabulous wine tour!

A special thank you to Penticton Foundry and all their staff for their help to organize this tournament, and for their support for the Wine and Cheese Reception.

Finally, thank you to all our sponsors for providing our trophies and prizes:  
Adanac Pattern Shop, Alpine Non-Ferrous Foundry of Canada, Century Pacific Foundry,  
Dhiman Industries, Fluidtech Hydraulics, Highland Foundry, Inproheat Industries, Palmer  
Manufacturing, Purity Casting Alloys Ltd, Robar Industries, Rypac Aluminum Recycling, Terminal  
City Iron Works



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## CAST METALS INSTITUTE (CMI) SCHOLARSHIPS

CMI offers several scholarships. Certification scholarships are to be awarded to applicants who wish to pursue CMI certification in designated areas of metalcasting and are intended to cover the cost of the tuition fees associated with each course taken.

Please follow the link below to the CMI website that explains the certification programs and scholarships. One note is that scholarships are only available when an individual is working to complete a certification program. They can't be used for individual courses. Scholarship applications are due each year by April 30, and are awarded each June.

<http://www.castmetals.com/content/view/32/105/>

## REMEMBERING RAYMOND POTTAGE

Arthur Raymond (Ray) Pottage, passed away on August 21st, at the age of 79 in Richmond General Hospital. Ray worked at Terminal City Iron Works Ltd. as Pattern Shop Foreman, and later as the Plant Operations Manager, until his retirement. Ray was an active member of the AFS, and was BC Chapter Chairman 1984 - 1985. Survived by his son Mark and daughter Linda (Jeff), grandsons Curtis and Kyle, and extended family and friends. Ray will be sadly missed but never forgotten. There will be no funeral as requested and the family would appreciate donations made to the Canadian Diabetic Association or the Leukemia & Lymphoma Society of Canada.

## 10 RULES FOR A GOOD CASTING

### Rule 3. Avoid Arrest of the Liquid Front

This is the requirement that the liquid metal front should not go too slowly! And, more precisely, should not stop at any point on the front.

- The advancing liquid metal meniscus must be kept "alive" and free from thick oxide film that can be incorporated into the casting. This is achieved by ensuring that the liquid front only advance uphill (in the case of gravity poured casting processes, from the base of the sprue onwards). This implies that: only bottom gating is permissible, and no falling or sliding downhill of liquid metal is allowed.

Check back next month for Rule 4...



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## 2010-2011 NHL SEASON AFS HOCKEY POOL

Join the AFS – BC Chapter board of directors in our first annual BC AFS Hockey Pool. Please let Casey Sheriland or another board member know if you have question or are interested in joining. Payouts will depend on how many entrants we have and will be posted shortly after October 7th.

Just go online to the website below and pick your team!

Where: [www.officepools.com](http://www.officepools.com)

When: Entry deadline is October 7th, 2010

Cost: \$20

Pool Name: AFSBC

## APPRENTICESHIP CONTEST

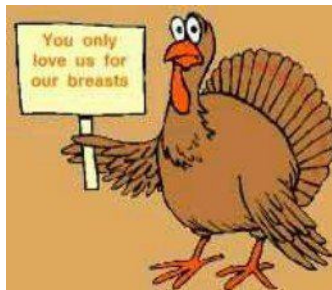
### \*\*\*\*\*CALL FOR CONTESTANTS\*\*\*\*\*

We are looking for all apprentice molders and pattern makers!!!! The contest deadline for completion of entries will be towards the end of December 2009. The judging results of the entries will be announced at 'Apprenticeship Night' in January. Participants in the contest are invited to the January dinner meeting as our guest. First place winner go on to represent BC at the AFS Northwest Regional Conference, held in Portland, OR.

Please contact Derek Morrison, Robar Industries for further information at:  
Tel: 604-591-8811 or email: derek.morrison@robar.ca

## HAPPY THANKSGIVING!

The AFS – BC Chapter Board of Directors would like to take this opportunity to wish everyone a very happy and healthy *Thanksgiving!* We are all very thankful for our members continued support!





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## CALENDER OF EVENTS for 2010

Thursday, October 7  
Time: 9:00 AM

### **Hockey Pool Deadline!**

Thursday, October 21  
Time: 6:00 PM

### **Topic: Advances in Ductile Iron**

Presented by: Gene Muratore, Rio Tinto Iron and Titanium  
Location: Sheraton Guilford Hotel

Thursday November 18  
Time: 6:00 PM

### **Speaker or Tour TBA**

Thursday, December 16  
Time: 6:00 PM

### **AFS Christmas Dinner**

Location: Westwood Plateau Golf and Country Club, Coquitlam

Wednesday, Jan. 19 to  
Friday, Jan. 21

### **CMI Course**

Topic: Leadership in the Foundry  
Location: Sheraton Guilford Hotel

Thursday, Jan. 20  
Time: 6:00 PM

### **Apprenticeship Night**

Speaker: Jack Matens  
Location: Sheraton Guilford Hotel

February 18, 2010  
Time: 5:30 PM

### **Hockey Night**

Vancouver Giants vs. Seattle Thunderbirds  
Location: PNE

Wednesday, March 16  
Seminar: 12:00 PM  
Dinner: 6:00 PM

### **Green Sand Seminar & Dinner Meeting**

Speaker/Instructor: Vic LaFay & Rick Budmayr  
Location: Sheraton Guilford Hotel

Stay tuned for more events.....



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 OCL Industrial Materials LTD. - Wesmat Supplies LTD.**

### Platinum Sponsors



### Gold Sponsors

**Midan Industries - Millbanks Materials - Rypac Aluminum Recycling LTD.  
 Robar Industries - Thompson Foundry**

## LETTERS TO THE EDITOR

If you have a comment or would like to pass a message to the membership, please send it to me and I will make sure it makes in to the next newsletter.

Please forward all "Letters to the Editor" to: Purity Casting Alloys Ltd.  
 #15 – 18503, 97<sup>th</sup> Ave, Surrey, BC V4N 3N9  
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