

# The Processor

PUBLISHED BY GAS PROCESSING ASSOCIATION CANADA

## **GPAC Sponsored 4th Year Design Projects in Mechanical & Manufacturing Engineering - Ideas Required!**

Dear GPAC Members,

***Big Ideas lead to Big Opportunities*** - GPAC sponsored 4th year design projects in Mechanical & Manufacturing Engineering - ideas required!

GPAC Members have a unique opportunity of working with the University of Calgary (U of C) Mechanical & Manufacturing Engineering Department. For the academic year of 2013/2014 GPAC provided sponsorship to the U of C Fourth Year Design Course. GPAC Members, and their respective firms, have the ability to submit to the GPAC Review Panel a **project proposal** that meets the U of C design projects criteria. This will allow 4th Year students, faculty advisors and company representatives to interact and contribute on projects that are selected.

This is a great opportunity to speed development of a small project, with the full support of the U of C, GPAC and APEGA. There will be little to no cost involved from GPAC Members/Firms.

The below description illustrates the potential project requirements and suits firms that are working within the manufacturing and/or services industry within the gas processing sector. If you would like further details, please contact GPAC Academic Chair and we'll help arrange proposals and meetings with the Faculty members for project review.

See the forms below from the U of C and contact **Rob Nadalutti (GPAC Academic Director)** at [rob.nadalutti@megenergy.com](mailto:rob.nadalutti@megenergy.com) or **Josh Carter (GPAC President)** at [Josh.Carter@zedi.ca](mailto:Josh.Carter@zedi.ca) if you have any other questions.

[Guidelines for Project Sponsorship June 2013.pdf](#)  
[4th Year Design Project Proposal Form June 2013.pdf](#)

## **GPAC/ISA Calgary Chapter - Annual Flapjack Feast**

### **Event Details:**

Date: July 10, 2013

Time: 7:00 am - 10:30 am

Location: Flames Central, 219 - 8 Avenue SW, Calgary, AB

[Secure Online Registration](#)



## **Maxxam Analytics - Featured GPAC Corporate Sponsor**



*Senior VP, Petroleum Services  
Fred Hutchings*

Maxxam is the market leader in analytical services and solutions to the energy, environmental, food and DNA industries. In 2012, our 2400 employees combined efficiency and customer service with rigorous science and quality management to process over 2.3 million samples and generate 41 million results. Our commitment to success with responsibility was rewarded with a Canada's 10 Most Admired Corporate Cultures award and a Toronto Star Award for Excellence in Workplace Integration.

Maxxam creates value for the oil and gas industry by delivering the most comprehensive range of analytical services that address customers' key business objectives: from productivity to regulatory compliance. "We are the scientific leaders in gas analysis and oil sands solutions - from setting up onsite laboratories to tailings management services," says Fred Hutchings, Senior VP, Petroleum Services. "Customers leverage Maxxam's technical expertise to optimize their operational processes and to design customized solutions that serve the emerging needs of the industry."

A scientific leader in the analysis of natural gas samples, Maxxam Analytics recently announced a technology leap in natural gas liquids compositional analysis. "Processors and midstreamers are now able to generate more accurate and defensible valuations of product streams by depending on Maxxam's enhanced NGL analysis," says Hutchings.

When it comes to custody transfer, each party is intent upon ensuring an accurate financial evaluation of the product that is being transferred to or from their operation. Maxxam's new technology contributes to the key business needs of the industry including reduced economic risk between processors and midstreamers.

Historically, industry standard methods focused on the hydrocarbon component concentration for lighter ends with assumptions made about the heavier components that were typically grouped into C6 and C7+ pseudo-components. However, it is now common for Western Canadian NGL streams to contain concentrations of C6 and C7+ components that are well in excess of the analytical range for the "standard" procedures.

"Maxxam's NGL technology leap uses innovative sample phase control and advanced chromatographic techniques to improve the overall accuracy and reliability of the compositional analysis," says Owen Krauss, General Manager - Petroleum Services. "Maxxam's proprietary technique delivers superior analytical precision and comprehensive characterization of higher value, heavier end components with a significant economic impact for our customers.

For more information about Maxxam's technology leap in gas analysis, please visit: [www.maxxam.ca/NGL](http://www.maxxam.ca/NGL) or email: [petroleum@maxxam.ca](mailto:petroleum@maxxam.ca) You may even call our Petroleum Technology Centre at 780 378 8500.

## **2013 GPAC/PJVA Joint Conference - Mark Your Calendars!**

The GPAC/PJVA Joint Conference Planning Committee is getting a jump on the planning for the 2013 conference - expect to see further information hit your inboxes by the summer. Given the success of last year's expanded conference, we will be sticking with the four stream approach: business, technical, JV analyst/admin and plenary (keynotes).

The conference will be held on **Wednesday, October 23, 2013** at the BMO Centre. If there are any topics or speakers you would like to see covered, or if you or a colleague have an interest in presenting, please contact Erika Rauser-Holter at [erikar@associationsplus.ca](mailto:erikar@associationsplus.ca).

## **Call for Speakers and Presentations**

Please note GPAC is always looking for speakers and presentations for conferences and technical luncheons. [Click here to submit your ideas.](#)

## **New Oil & Gas Codes/Standards are Now Law**

Several new and updated CSA Group standards into legislation, including the B149 Gas Code Series. These standards are related to oil & gas, fuel handling & distribution and installation requirements. Operators and installers are required by law to be familiar with these changes.

To help reduce risks due to code violations, job reworks and work stoppages, can your organization run a short story in your newsletters and/or website sharing this information with your stakeholders? For more information, please visit [CSA Group Official Website](#).

## **G.A.S. Alumni Profile April 8, 2013**

### **"My personal tribute, salute and toast to two outstanding 'Western Canadians' Peter Lougheed and Ralph Klein who passed away in the past 8 months"**

This is from a former fellow 'Albertan' and admirer, Gordon D. Barnes. Although I was away on an overseas project for part of Peter's reign as Alberta's premier, I still kept informed on what he stood for and what he accomplished for Western Canada and which effected the worldwide petroleum industry. Although it was Ralph who coined the phrase "Cut the crap and get on with the issues" they both practiced it, Peter in a more dignified but sincere manner. Ralph will always been known as a 'truthful politician' who never refused to answer a question as truthfully as possible, regardless of consequence.

I was a member of the Calgary Petroleum Club but did get invited to Ralph's 'East End Petroleum Club' that Ralph founded in the old 'St Louis Hotel' downstairs beer parlor in the seediest part of Calgary that he was instrumental in cleaning up, both as mayor and premier. My hosts there were, Sam Mozell and George Stevenson who were staunch members and had seats for them and me at Ralph's infamous beer table. At that same table, on one occasion, had all nine provincial premiers there as an example of his unusual fame. In the era of these two gentlemen's terms in office bring back a lot of memories to this 'getting scarce old timer' who was firmly involved with seeing Calgary grow, not appreciatively, from a

friendly 'Cow Town' atmosphere to the 'Metropolis' that came about with the advent of glassed-in sky scrapers to Eastern business attitude and environment. Some of these memories that come to mind and any associations with persons, events (antics), places may also be recalled by other old timers, I apologize for any omissions of some names or mistaken information, a real possibility at my age:

I was born in Edgerton, AB in the Viking/Kinsella/Wainwright Gas & Oil Fields, Father drilling wells. My history from there follows:

- Edmonton, AB, Father in city jobs, then Waterways, in salt plant, then Nordegg, AB Brazeau Collieries.
- Turner Valley, AB Gas & Oil Refinery, where I started as temporary high school student laborer then progressed to chemist.
- Bitumount Tarsands Project, (Ft. McMurray area) Ops. Sup. Alberta Research Council, Dr. Karl Clark.
- Turner Valley, Western Propane Ltd. Propane plant, Royalite Oil Co., Gasoline/propane plant.
- Edmonton, AB Canadian Chemical Co.; Petrochemicals-Tommie Morimotto
- Stettler, AB, BA Oil & Gulf Oil Cos., Stettler Area Gas Conservation Project, (SAGCP) Canadian Natural Gas Processors Association, (CNGPA) membership- Bob Cunningham, Art Kowalchuk, Gale Stitt, Don Wolcott, John Martin, Bill Masson, and Bill Kenny, along with John Beddome and Andy Yewchuk in the oil production department at that time
- Calgary, AB, Mid Western Compressor Supplies Ltd. & Mid Western Machine Works Ltd.: Compressor parts & reconditioning services, Calgary Head Office, Warehouse & Machine Plant- Jack Leary/Gordon Barnes, `After Five Lounge Room` - Win Langill, Jim Cruickshank, Earl Armstrong & Staff, Edmonton Office, Warehouse & Service- Nick Nichols.
- Canadian Natural Gas Processors Supply Men`s Association, (CNGPSMA) Service Membership, promoted to Senior Vice President-Jim Belding, Interesting events sponsored; Calgary / Edmonton / Return Train Trip, Tail & Ale at RCAF #403 Sqn, Officers Mess, Glenmore Golf Tournament- Sam Mozell MC`ing & prizes program, several charter flights to GPA conventions in Dallas, TX/Mazatlan, Mexico, New Orleans, LA/Grand Bahamas, San Antonio, TX/New Orleans, LA. Note: We almost lost Earl Scott to Tourista in Mazatlan. We, Patricia and I hosted an annual swim party, barbeque and sing song bonfire at our Bragg Creek home, `Tranquil Haven` to serve as a get-together of both associations executive and wives.
- Calgary, AB, Tradewest Corp., Tradewest Travel, Office Building, Advertising & Public Relations, my personal private companies plus G.D. Barnes & Associates, Petroleum Consulting.
- Calgary & Cochrane, AB, On contract with Alberta Natural Gas Co. Ltd., Cochrane Straddle Gas Plant for construction inspection and commissioning. Joined ANG and promoted to Vice President of Operations including the ANG gas transmission pipeline to Kingsgate, Idaho. Also hired to include as Vice President of Pacific Gas Transmission Pipeline from Idaho across Washington, Oregon to San Francisco, CA. Exchanged membership from CNGPSMA back to CNGPA and promoted up the executive to become president. I was also on the executive of Pacific Coast Gas Association for the gas transmission operation. After my tenure of President of CNGPA, I was invited to become a three year director on the board of the American Gas Processors Association, (GPA).-Lee Hurd, Bob Blair, Ken Orr, Harry Booth.

I took an early retirement to move to our property on Galiano Island, BC and resume some consulting work. A previous client, Santos Ltd. in South Australia, offered me a contract position to go there for five

years to assume the present operations and commission a new very large (\$3mmm) 'Liquids Project'. We accepted one another's terms and conditions and we moved to Adelaide, SA for 1982-1987 period.

Upon returning to Canada we settled on North Pender Island where we built our dream retirement home and called it "Camelot-By-The-Sea". I continued to represent Santos Ltd. and did a few consulting, projects for them. The last was having a large gas engine/ compressor unit manufactured, assembled, tested and shipped to them from the USA. It was to be put into service re compressing gas into an oil producing formation in Queensland, Australia. While at Camelot we received several visits from previous friends, when they crewed Bob Smiths sailboat some of these were; Bill Fisher, John Martin, Jim Belding.

After losing my lovely wife to cancer I sold Camelot and moved to Victoria, where I now reside. I have two sons and one daughter-in-law in the petroleum business, making them the fourth generation of Barnes in the industry. I also have two grandsons at the University of Calgary, with one graduating this year; who knows they may be the fifth generation

Warm regards, and good positive memories, to all my still existing colleagues.

Gordon D. Barnes  
G.A.S. Alumni Member  
Victoria, BC

**Note:** The Associations mentioned in this script has been changed and combined from CNGPA & CNGPSMA to GPAC, Gas Processors Association Canada. I was pleased to attend the GPAC 50th year Anniversary in the Palliser Hotel, Calgary, AB, where it was first founded in 1959.

*\*\*Please note the writer is solely responsible for all material submitted. GPAC is not able to verify any information provided. GPAC shall not be liable to the use of any information provided.*

### **Join GPAC's LinkedIn and Twitter!**

If you are on LinkedIn® and Twitter® we encourage you to join the **Gas Processing Association Canada group** - this will be your one stop shop for information on upcoming GPAC events, for updates on GPAC initiatives and for relevant industry information. Your participation is encouraged.

Click on the following icons to join us today on LinkedIn and Twitter!



(Please note: if you DON'T have a LinkedIn® or Twitter® account, this is a great time to create a profile! Just go to [www.linkedin.com](http://www.linkedin.com) or <https://twitter.com/> and follow the prompts to get started.)

### **Upcoming Events**

**GPAC/ISA Calgary Chapter - Annual Flapjack Feast** - July 10, 2013

**Annual Golf Classic** - September 5, 2013

**GPAC Technical Luncheon** - September 25, 2013

**Jim Belding Past President's Golf** - September 23, 2013

**GPAC/PJVA 19th Joint Conference** - October 23, 2013

Event details will be posted on the [Events Calendar](#) as they become available.