



**Gas Processing
Association Canada**

2020 ANNUAL REPORT



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GPA CANADA MISSION STATEMENT

Provide added value to the Canadian gas processing and gas liquids industries from source to market by being a forum for:

- Expanding technical knowledge
- Sharing best practices
- Discussing, debating and providing input into legislative and regulatory issues
- Industry networking

GPA CANADA VISION

- Be the premier technical association representing gas processing in Canada.

GAS PROCESSING ASSOCIATION CANADA

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NOTICE OF ANNUAL GENERAL MEETING AGENDA

Pursuant to Article 4.1.2 of the Gas Processing Association Canada Bylaws, notice is hereby given that the association's Annual General Meeting will be held on Tuesday, March 30, 2021 virtually via Zoom, commencing at 12:00 pm.

Agenda

1. Call to order
2. Reading and Dispensing of the Minutes from the Annual General Meeting of April 30, 2020
3. Bylaw Motion to add the following Definition, in order to host Member Meetings in a virtual format, when needed:

2.1.14 "Meeting" means any gathering of a member or interested party that is entitled to attend such meeting, virtually, in person or in combination of such platforms, that permits the participant to communicate adequately. A person participating by any such means is deemed present at the meeting.
4. President's Report
5. Financial Report
Approval of the 2020 Financial Statement
6. 2020 Directors' Highlights
7. Ratification of the Actions of the Board of Directors
8. Board of Directors Elections

Adjournment of the Annual General Meeting



ANNUAL GENERAL MEETING MINUTES

Thursday, April 30, 2020

Zoom Videoconferencing Program

The attendance list can be obtained from the GPAC office to verify quorum.

1. Call to Order

Jonathan Balint called the meeting to order at 12:16 pm after members introduced themselves. He indicated there was a quorum of at least 10% of the membership present in combination with proxies provided to the Board.

Materials for reference were sent to the attendees yesterday in the Annual Report and were uploaded into the Chat box for people to download:

- Agenda
- Minutes from the 2019 AGM
- Financial and Director's Reports

He acknowledged Directors on the call and thanked them for their volunteer efforts to keep the association running.

He also gave a shout out to the Corporate Sponsors as well.

2. Approval of the March 19, 2019 AGM Meeting Minutes

The minutes of the March 19, 2019 Annual General Meeting were circulated. H. Smith noted the mis-spelling of Rob Nadalutti's name – should be Rob not Rod.

Moved by Greg Bury that the minutes of the March 19, 2019 Annual General Meeting be approved as corrected

Seconded by Michael Jantzen

Carried via online poll.

3. President's Report

It was noted that the 2019 President's report could be found in the Annual Report but in summary, J. Balint highlighted the events in 2019 i.e. the February and April lunches, joint stampede party, sold out curling and golf tournament and the November winter gala.

4. Financial Report

The financial books of the Association were reviewed by two GPAC Members this year – Stacy Mathieson, Keywest Projects and Rob Nadalutti, Campus Energy. The statements were then approved by the Board and are presented in the Annual Report. They were also put up on the screen for review.

Moved by Sally Carefoot that the yearend Financial Statement as at December 31, 2019 be approved as presented

Seconded by Gordon Bill

Carried via online poll.



5. Ratification of Board Actions

J. Balint again referred to the Annual Report that summarized the actions of the Board in 2019 and asked for motion to ratify those decisions.

Moved by Thu Duncan-Nguyen that the actions of the GPAC Board of Directors be ratified for the year 2019

Seconded by Derek Marshall

Carried via online poll.

6. Elections

J. Balint reminded the attendees that the Association is run by volunteers; both the individuals who sit on the committees and the companies that sponsor them do so because they are genuinely interested in the goals and activities of GPAC. Without them, the organization could not function. He thanked the members of the 2019 Board of Directors for their dedication and service including Gerardo Leclair who recently stepped down.

For those continuing on the Board for 2020, we have the following that require re-election for another 2 year term:

- Greg Bury
- Myself, Jonathan Balint
- Thu Duncan-Nguyen
- Howard Smith
- Ron Espiritu
- Ellie Foden

The following new nomination was presented:

- Sally Carefoot, Rangeland Engineering
- Gordon Bill, Ovintiv Services

Moved by T. Duncan-Nguyen that the nominations of Directors for 2020 be approved as presented

Seconded by H. Smith

Carried.

7. Adjournment

J. Balint moved to adjourn the meeting at 12:40 pm

Now that the business portion of the meeting was done, the floor was open for questions and comments.

Social ideas were mentioned:

- Virtual darts with Zoon program
- Happy hours, with a different theme each time
- Settlers of Catan with video cam on the board at each participants house
- Scotch night with Scattegories
- The Petroleum Club is doing a virtual Scotch night, where you pay for the package of Scotch and snacks that they will pair
- Dale Carnegie is hosting a free webinar training through Webex

PRESIDENT'S MESSAGE



2020 was an extremely challenging year as we learned to navigate through this COVID era Virtually!

As we started the year off, we had no idea what to expect. As we moved into March, we had a change of leadership, events started to be cancelled and we had to shift gears on the fly as quickly as possible to remain successful.

At Gas Processing Association Canada, we are taking the time to refocus our efforts, learning to balance our conventional resources, and integrating our renewable resources, while getting back to our roots of being a Technical resource to our membership and midstream community!

Just like our industry, we are continuing to change the way we deliver value so that it meets the needs of our industry.

As we head into 2021, and with all the uncertainty with conferences and gatherings, our focus continues with our virtual learning and webinars. We just recently completed a 4-part series on Hydrogen and are looking forward to, and very hopeful for, our Annual Golf tournament!

Some of our key Highlights from 2020 include:

- Welcomed 2 new program directors, Sally Carefoot and Gordon Bill!
- Welcomed a new marketing chair, Rio Glowasky
- Decreased our expenses by ~ 50%
- Secured government grants in the amount of \$13,000.00
- Hosted our 8th Annual Curling Funspiel in March!
- Coordinated a very successful annual Golf tournament at Earl Grey in September!
- Hosted our first webinar in July “Manual Isolation Valve Philosophy” – Tundra Process Solutions
- Second webinar in October on Dehydration – Rangeland Engineering
- And in December began a two-part series on Gas Sweetening – Amine Experts

I wanted to take a moment to thank our Board of Directors for the dedication and resilience they have shown throughout the past year. I am very proud of each of them. We have been faced with so many challenges - the pandemic, the transition to renewable resources and our group continually finds way to stay relevant and pull off some great events.

Further to that, we simply cannot achieve the things we do without the dedication and commitment of our sponsors, volunteers and equally important, our membership!

Thank you to our Sponsorship! Without you, we could not continue as an organization.

I look forward to seeing you throughout our events in 2021 whether it be in person at the golf tournament or virtually through one of our webinars! Please feel free to contact myself or any other GPAC Board member with questions or concerns! We appreciate your continued support!

Be safe and stay healthy!

Jonathan Balint
President, GPAC



AUDITORS' REPORT

To the Directors of
Gas Processors Association of Canada
600 - 900 - 6 Avenue SW
Calgary, Alberta
T2P 3K2

We have audited the Balance Sheet of the Gas Processors Association of Canada as at December 31, 2020 and the Statement of Income & Expense for the twelve months then ended. These financial statements are the responsibility of the association's management. Our responsibility was to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards and accordingly consisted of inquiry, analytical procedures and discussion related to information supplied to us by the association.

Based on our audit, nothing has come to our attention that causes us to believe that these financial statements are not, in all material respects, in accordance with generally accepted accounting principles. They present fairly, in all material respects, the financial position of the association as at December 31, 2020.

Dated at the City of Calgary,
In the Province of Alberta,
This 23 day of February 2021

Rob Nadalutti

Rob Nadalutti

Stacy Mathieson

Stacy Mathieson



FINANCES

Statement of Revenues and Expenditures

December 31, 2020

Unaudited

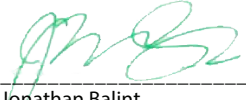
	2020	2019
ASSETS		
CURRENT		
Cheque Clearing Account	\$ -	\$ -
National Bank	26,194	(179)
Business Investment Account	32,452	32,307
Credit Card Clearing Acct	-	-
Prepaid expenses	22	6,821
Accounts Receivable	4,070	26,176
Inventory	1,658	2,056
	\$ 64,396	\$ 67,181
LIABILITIES AND MEMBERS' EQUITY		
CURRENT		
Accounts payable	\$ 444	\$ 316
Accrued Liabilities	-	(286)
GST Owing (Refund)	-	-
Deferred Income	639	14,228
	\$ 1,083	\$ 14,258

Statement of Members' Equity

December 31, 2020

Unaudited

MEMBERS' EQUITY		
Members Surplus, Beginning of Year **	\$ 52,922	59,901
Surplus, current year	10,391	(6,980)
Total Members' Equity	63,313	52,922
	\$ 64,396	\$67,180


 Jonathan Balint Director


 Michael Jantzen Director



Statement of Financial Position

	2020		2019	
REVENUE				
Classic Golf Tournament	\$	39,871	\$	54,427
Past President Golf Tournament		-		1,360
Q1 - AGM		-		70
Stampede Breakfast		-		24,763
GPAC/PJVA Conference		-		-
Safety Awards		-		-
Network Social (Curling)		11,400		12,350
Winter Gala		-		15,135
Tech Lunches		800		10,191
Interest		145		433
Publications		575		1,200
Memberships		42,395		48,037
Government Grant		12,041		-
		<u>107,227</u>		<u>167,966</u>
EXPENSES				
Classic Golf Tournament		28,814		43,656
Past President Golf Tournament		8		1,305
Q1 - AGM		500		1,059
Stampede Breakfast		16		24,080
Strategic Planning		1,046		-
Safety/Awards		-		-
Academic/Careers		-		250
Network Social (Curling)		7,740		7,814
Tech Lunches		943		6,425
Winter Gala		23		15,662
Virtual Networking Social		800		-
Administration/Office Expenses		48,658		61,067
Board Executive Expenses		1,254		3,945
Memberships		6,373		6,264
Publications		422		1,651
Promo/Advertise/Website		240		1,768
		<u>96,837</u>		<u>174,946</u>
Excess (Deficiency) of Revenue Over Expenses	\$	10,390	\$	(6,980)



REPORTS

Alumni & Academic

The prime role of the Alumni Representative is to act as the interface between the Board, the Association, Alumni members and Past Presidents. Experience gained from serving previously on the CGPSA Board is used to provide commentary, advice and guidance to the Board as appropriate. The continued updating of the Alumni database remains a work in progress and I would appreciate receiving notifications of address and phone number changes so we can communicate. There remain a number of Alumni members with whom we have lost contact and any help in tracing them would be appreciated. While confined to our homes, please use this as an opportunity to retrieve and forward to me snippets of information, memories and anecdotes that you may hold about our past, which would be archived. All contributions would be welcome.

The substantial re-write of the GPAC Board Procedures Manual was completed.

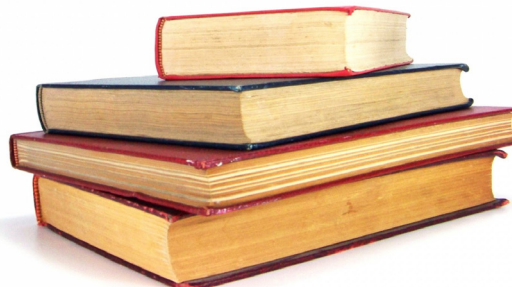
Regretfully, our Annual Past Presidents and Directors Golf Tournament scheduled for June had to be cancelled but we hope to resurrect the tournament for 2021 which will again be held at Lynx Ridge Golf Club, please watch for the date when released.

Academically, GPAC aims to connect with, and provide encouragement to, students about to enter industry. To this end, GPAC endowed four bursaries, one each to the U of C, the U of A, SAIT and NAIT, the income from each used as an annual award to a meritorious student of the academic institutions' selection. Not one of the in-person events were held this year with the SAIT Awards Presentation and Reception in April, the SAIT and U of C Industry Nights all cancelled.

It was our intent for 2020 to resurrect the "Plant Tour" but this was not to be. We hope to re-introduce this activity into our 2021 calendar, subject to AHS regulations.

Overall, we are especially looking forward to 2021 in the hope that a lessening of COVID-19 restrictions, with the availability of vaccinations, will allow us to revert to our normal activities, with greater membership and participation.

Respectfully submitted,
Howard C. Smith, P.Eng.
Alumni & Academic Director





Technical Programs 2020

May 21, 2020 “Optimizing Condensate Stabilizers: Getting the Last Barrel”



Phil Harris, B.Sc. M.Sc.
President, Insight Analytical Solutions

In his webinar, Mr. Harris presented on optimizing condensate stabilizers and de-ethanizer towers using near infrared spectrometers (NIR). During the presentation he gave an overview of the processes and showed how cost reduction may be achieved through not over-stripping or purifying a product, thereby reducing the fuel/energy costs and reducing greenhouse gas reduction.

Phil Harris, President at Insight Analytical Solutions: In his over 35 years in industry and academia, Phil has provided expert insight and analysis for a variety of process analyzer applications. He is the author of over 30 papers on analyzer systems and routinely presents at industry conferences and technical seminars. With extensive experience in research, development and project management, Phil has supported many industries, including nuclear energy, alternative fuels and primarily the oil, gas and petrochemical industries. He holds a Bachelor of Physics and Masters of Chemistry from the University of Manitoba. He is an ISA Analysis Division Fellow, recipient of the Excellence in Analytical Technical Innovation Award in 2012 and teaches courses on process analyzers and sample systems around the world.

July 21, 2020 “Isolation Valve 101”

Jordan Low-On, Manager, Valve Application Specialist, Tundra Process Solutions

This webinar by Mr. Low-On gave a high-level overview of manual isolation valves commonly used in the petroleum industry. Low-On reviewed the mechanical differences of each valve providing a better understanding on where they apply them and why. He also reviewed a number of real-life case studies to further reinforce valve applicability in different types of industrial processes.

Jordan Low-On recently became Manager and Valve Application Specialist at Tundra Process Solutions working with various customers to optimize their valve files ensuring they receive best value products. Previous to this he spent the past decade at Encana where he filled various roles throughout operations, facilities, reserves and Technical services. For the past 4 years he was Encana’s subject matter expert for pipe valves and fittings, working assets from North Eastern British Columbia to South Texas.

October 13, 2020 “Dehydration”

Zahid Maqsood, P.Eng. Process Engineering Manager, Rangeland Engineering Canada Corp.

In this webinar, Mr. Masqood discussed the reasons for the dehydration process including hydrate inhibition, corrosion prevention and to meet pipeline specifications. The various types of dehydration methods used in the gas processing industry were introduced including absorption, adsorption, refrigeration, membrane permeation, gas stripping and finally distillation. The flowsheets and design considerations for the most common dehydration processes in Western Canada were discussed in detail. The most common dehydration processes in Western Canada are glycol absorption, adsorption by molecular sieves and refrigeration.

In a career spanning more than two decades, Zahid has worked throughout Asia, Europe and North America, designing complex projects in the oil and gas sector. He brings a wide breadth of experience in both onshore and offshore natural gas, light oil, heavy oil, in situ and oil sands upstream oil and gas projects. He also has extensive experience in NGL facilities, fractionation plants, pipeline gathering systems, petrochemicals and oil-and-gas midstream and downstream projects. Zahid has worked in operations as well as supervised process plant commissioning, providing him with a unique perspective that consistently adds value for his clients. Zahid holds a Masters in Chemical and Petroleum Engineering (2005) from the University of Calgary and a Bachelor of Science from the University of Engineering and Technology in Lahore, Pakistan (1991).



December 3, 2020 “Overview of Amine Based Gas Sweetening”



Michael Sheilan, P.Eng.
Senior Staff Engineer, Amine Experts Inc.

In the first of this two-part series, Mr. Sheilan gave an overview of amine-based gas sweetening systems which included a review of the typical plant flowsheet describing what equipment is used and why. The presentation also talked about strengths and weaknesses of various types of amines and described in general some common operating issues such as meeting outlet specifications, heat stable salts, foaming and corrosion. In the second session, Mr. Sheilan discussed how the failure of an amine system to deliver its rated capacity of on-specification product can have an adverse effect on a plant’s “bottom line”. In order to avoid the cost of repair, mitigation and downtime, Mr. Sheilan and his peers have analyzed several hundred cases from Amine Experts’ extensive field

troubleshooting history, as well as cases from literature, to ascertain the most frequently occurring root causes of these failures. The intention behind this second presentation was to use these historical lessons from industry to focus the attention of plant personnel on the best strategies to provide the most significant risk reductions to production reliability.

Mike was the co-founder of Amine Experts in 1999 and is currently Senior Principal Engineer for Amine Experts and Dehydration Experts. For 40 years, Mike has provided expert advice, training and consulting services in the area of hydrate control, gas dehydration, gas and liquid sweetening, hydrocarbon recovery and sulphur plant operations.

Mike is an authority on gas processing and has been published in the Oil and Gas Journal, Hydrocarbon Processing Magazine, LNG Industry Magazine, Petroleum Technology Quarterly, Sulphur Magazine and Chemical Engineering Magazine and has presented at various conferences, including the LRGCC, GPAC, GPA-Midstream, NACE, SOGAT and AFPM. He is also a Senior advisor to the Laurance Reid Gas Conditioning Conference in Norman, Oklahoma.

He previously worked for Brenntag Chemicals (Travis Chemicals) as Technical Service Engineer and then Technical Service Manager from 1981 to 1999, where he provided technical support for the gas processing industry in North America.



Membership

To all Members and Sponsors, we hope this finds you safe and healthy. With your continued support in 2020, it allowed us to still provide training sessions and events. Without your participation and our Corporate Sponsors, GPAC would not be here. Recently I have reached out to most of you for feedback and I thank you for your responses. We have taken your ideas and implemented them for 2021, and we hope you have seen some major improvements so far.

As you know, there are many benefits of belonging to a professional industry organization such as GPAC including having a bigger voice to speak for you when times call for it.

Our membership numbers remained stable in 2020, while expanding to include more producers, Engineering companies, and fabrication shops. Our sponsors continued to support us, bringing new ideas to implement in 2021/2022 that will provide added technical value and support to our members.

Please review our website for the latest training sessions and events. We plan on hosting something almost every month!

From Producers looking for a forum to discuss ideas to service providers launching a new business line, consider GPAC your method to tap into the broader network of the Canadian Gas Processing Industry.

For further enquiries on corporate sponsorship opportunities or for general membership questions, please reach out to Ron Espiritu at rone@tundrasolutions.ca or feel free to contact the office.





Social Events

Annual Classic Golf Tournament

The Annual GPAC Golf Tournament was another sold out and successful event held at Earl Grey with fantastic summer-like weather in September. Huge thanks to all of our many sponsors and participants that supported the event despite some changes we had to make to allow for social distancing measures to be achieved.

- Drink Sponsor: Brenntag
- Hole Sponsors: Spartan Controls
 - Gas Liquids Engineering
 - Equinox Engineering
 - Vepica
 - Rangeland Engineering
 - Combustion Solutions
 - Tundra Process Solutions
 - Startec Compression & Process
 - Insight Analytical/Songhees/M3
 - Bilton
 - AB Pipeliners
 - LEI Oilfield
 - Dow Oil & Gas
 - Challenger Geomatics
 - Crowfoot Travel



Congratulations to our winning team this year consisting of Kasey Klatt, Chad Hill, Tyson Woynarski, and Mark Schurer. You can check out more photos and winners on the website.

We also raised over \$2300 for the Leukemia & Lymphoma Society charity that we supported this year.

Please stay tuned in 2021 as we have an exciting new sporting clay event in the works for this spring, restrictions permitting.



8th Annual Curling Funspiel



We were thrilled to be able to sneak in such a successful and sold out curling event at the Calgary Curling Club in March 2020 right before the widespread lockdown. Huge thanks to our event sponsors:

- Lunch Sponsor: Spartan Controls
- Sheet Sponsors: Gas Liquids Engineering
Tundra Process Solutions
Rangeland Engineering
Spartan Controls
Keywest Projects

Congratulation to our winning team this year consisting of Chris Day, Chris Blunt, Zeke Arellano, and Mitch Gammon. Remember for next year, this event is a Funspiel and is appropriate for all levels of curling from beginner to guru.

Virtual Craft Beer Tasting

Canadian Craft Tours hosted GPAC members at a virtual craft beer tasting event in the summer in lieu of our usual Stampede Luncheon last year. The event included a local Calgary beer selection paired with local Calgary cheeses and meats and a professional brewer to walk us through the pairings. Thanks to those that supported our virtual event while we patiently wait to return to in-person networking!



GPAC GOLD SPONSORS



GPAC SILVER SPONSORS

ENERFLEX

