



# **ALBERTA**

## **DIRECTORY OF AUTOMATION**

**[isaalbertadirectory.ca](http://isaalbertadirectory.ca)**

**2019 - 2020**



**26<sup>th</sup>**  
EDITION

# ALBERTA DIRECTORY OF AUTOMATION

Page numbers below refer to this On-line PDF version.

**3** ISA Edmonton Section President's Message

**4** Edmonton Board Members 2019 - 2020

**5** ISA Calgary Section President's Message

**6** Calgary Board Members 2019 - 2020

**7** Membership Benefits

**8** Membership Enrollment Form

## Supplier Advertisements

**10-16** Feature Ads in Online PDF

**17** Index of Advertisers

**18-55** Advertisers



*Visit the Online Directory*  
***isaalbertadirectory.ca***



**Edmonton  
Section**

ISA Edmonton Section  
3480 - 87 Street NW  
Edmonton, AB T6K 0J4



**Calgary  
Section**

ISA Calgary Section  
PO Box 38183 RPO Country Hills  
Calgary, AB T3K 5G9

# TABLE OF CONTENTS

# EDMONTON

## PRESIDENT'S MESSAGE



Thank you to all ISA Edmonton Section members for putting your faith in me by electing me as your 2019-2020 President!

I am very excited to lead the best ISA Section in the world. By best I mean the Section that delivers a very impressive Automation Directory both in print and online annually (in partnership with the ISA Calgary Section), the Section that consistently gets the most industry professionals to our monthly technical talks and tours, the Section with the biggest golf tournament (the Fall Classic is a first-class affair), and the Section that produces the most impressive automation event in North America – mark your calendars for AEC 2020, the ISA Edmonton Section Automation Expo & Conference, happening April 29 & 30, 2020.

My main goal this year is to stimulate membership growth for our Section. With 255 professional members (July 2019 stat), we're currently the 8th largest section in the world. By July 2020, I'd like to increase membership by 10%. This equates to 281 professional members, bumping us to 3rd place!

Can we do it? Can you help me?

As president I would like to ask each member to reach out to a colleague and/or friend who is not a member or perhaps whose membership has lapsed, and convince them to join or renew. If we all do this, we will easily meet – and far surpass – this goal. Sign-up or re-new now via the below buttons.

Ideas on how to grow our membership? Let's chat. Contact me via the ISA Edmonton Section website.

Arthur Kloc  
ISA Edmonton Section President

# EDMONTON 2019 - 2020 BOARD MEMBERS

## President

Arthur Kloc  
arthur.kloc@jacobs.com

## Past President

Craig Keating  
craigk@tundrasolutions.ca

## President Elect (Interim)

Allen Brennan  
allen.brennan@weidmueller.com

## Honors & Awards Chairperson

Craig Keating  
craigk@tundrasolutions.ca

## Section Delegate

Craig Keating  
craigk@tundrasolutions.ca

## Secretary

Jeff Gould  
jeffpgould@gmail.com

## Treasurer

Aaron Boser  
aaronb@nait.com

## District 10 VP ELECT

Blaine Barnes  
blaineb@tundrasolutions.ca

## Communications Director

John McKenzie  
johnm@tundrasolutions.ca

## 2020 AEC Expo & Conference Director

John McKenzie  
john@aecalberta.ca

## Membership Director

Tanner King  
king.tanner@spartancontrols.com

## Marketing Director

Conor Heeney  
conor.heeney@samsongroupna.com

## Program Co-Director

Dan Burton  
dan.burton@swagelok.com

## Program Co-Director

Andrew Worthington  
andrew.worthington@swagelok.com

## Standard & Practices Chair

Wally Ingham  
wally1234ingham@gmail.com

## Directory Editor

Allen Brennan  
allen.brennan@weidmueller.com

## ISA Job Board Liaison

Lynn Kurach  
lynn@lpkurach.com

## District 10 Liaison

Craig Keating  
craigk@tundrasolutions.ca

## ASET Liaison

Craig Keating  
craigk@tundrasolutions.ca

## APEGA Liaison

Arthur Kloc  
arthur.kloc@jacobs.com

## NAIT Student Section Advisor

Ana Stefanova  
anas@nait.com

## U of A Student Section Advisor

Stevan Dubljevic  
stevan.dubljevic@ualberta.ca

## Student Section Liaison

Shreya Nandiraju  
shreynan96@gmail.com

## Museum Liaison

Bob Bahniuk  
2014bahboh@gmail.com

## Youth Outreach Liaison

Dave Robinson  
drobinson@summitvalve.com

## Members at Large

Jeff Gould  
jeffpgould@gmail.com

Lorne Brackenbury  
brack1950@gmail.com

Roslynn Ricard  
rricard@tesla.com

Jothi Keerthi  
eiekeerthi@gmail.com

Rafiq Ahmad  
rafiq.ahmad@ualberta.ca

Senad Hadzic  
senad.hadzic@westech-ind.com

Steven Kelly  
sjkelly@telus.net

## ISA Edmonton Section Administrator

Andrea Gould  
Ph: 780.669.9708  
admin@isaedmonton.org



# CALGARY

## PRESIDENT'S MESSAGE



On behalf of the ISA Calgary Section, I would like to welcome you to the 26th Edition of ISA Alberta Automation Directory & Technical Handbook for 2019-2020. You can also visit our on-line directory at [www.isaalbertadirectory.ca](http://www.isaalbertadirectory.ca).

I'd like to take a moment to extend a thank you to all ISA members for supporting your local sections. If you are not an ISA member yet, I encourage you to join for the many benefits that are available to you. These include: ISA specifications and standards; ISA publications; ISA web seminars and training; industry networking; local section technical programs; and many others. Visit the ISA web page ([www.isa.org](http://www.isa.org)) for more information including the membership benefit comparison and online membership processing.

The ISA Calgary Section will continue to publish the "Trend" monthly e-mail newsletter from September to June. Our newsletter and the ISA Calgary website and Linked In are our primary means of communicating to our members. Watch for events planned for this year and other features like photos from recent events, recognition of new members, and upcoming education courses. Our Calgary Section web page ([www.isacalgary.ca](http://www.isacalgary.ca)) also includes local event schedules and registration, industry news and website links, access to this directory, and our contact information. You can also find us on Linked In by searching for 'ISA Calgary Section'.

Your ISA Alberta executives hope you find this directory helpful. Please contact your local section executives if you would like to provide feedback on this directory or any other matters related to ISA. Also, new volunteers are always welcome!

Thank you to all of the volunteers, members, and corporations that help make the ISA Calgary Section a success. I look forward to seeing many familiar faces, as well as some new ones, at our events this year.

Jamie Eddy  
President – ISA Calgary Section

# CALGARY 2019 - 2020 BOARD MEMBERS

## President

Jamie Eddy  
Ph: 403.255-5222  
jamiee@tundrasolutions.ca

## Vice President

Ryan Warrington  
Ph: 403.461.1567  
ryan.warrington@ca.abb.com

## Past President

Mark Arkell  
Ph: 403.875.3212  
markell@jimpsolutions.com

## Treasurer

Mark Tarrant  
Ph: 403.284.8157  
mark.tarrant@sait.ca

## Secretary

Jasmeen Virk  
Ph: 403.695.2431  
virk.jasmeen@spartancontrols.com

## District 10 VP

Brandon Cornthwaite  
Ph: 403.519.8395  
cornthwaite.brandon@gmail.com

## Membership

Gary Fraser  
Ph: 403.702.2429  
piperconsultinginc@shaw.ca

Armaghan Yusuf  
Ph: 587.585.2228  
armaghanyusuf@shaw.ca

## Program

Susan Rathgeber  
Ph: 403.837.0926  
isacalg@telusplanet.net

## Trend Editor/ Scholarships/VP

Brent Rathgeber  
Ph: 587.774.2409  
brent.rathgeber@huskyenergy.com

## Show Chair

Mike Iuliano  
Ph: 403.695.2720  
iuliano.michael@spartancontrols.com

## Web Master

Raymond Cundliffe  
403.801.1525  
rcundliffe@cbprocess.ca

## Certifications

Steve MacLean  
Ph: 403.695.2793  
maclean.steve@spartancontrols.com

## Marketing/Social Media

Jasmeen Virk  
Ph: 403.695.2431  
virk.jasmeen@spartancontrols.com

## Cybersecurity

Kendra Spiers  
kspiers@autosoln.com

## ISA Standards and Practices

Phil Evans  
evansp@shaw.ca

## Analytical Division

David Lewko  
Ph: 403.467.2927  
d.lewko@shaw.ca

## Construction & Design Division

Phil Evans  
evansp@shaw.ca

## First Liaison

Antuaneth Rodriguez  
Ph: 403.775.0100  
arodriguez@greenpathenergy.com

## Beakerhead Liaison

Marc Russel  
Ph: 403.973.1511  
mjrussel@gmail.com

## Office Manager

Susan Rathgeber  
Ph: 403.837.0926  
isacalg@telusplanet.net

# MEMBERSHIP

## BENEFITS AT A GLANCE

Access tabletop technology exhibits, subject matter experts, networking and leadership opportunities, and local employment opportunities through geographic sections

Online viewing of over 150 standards, recommended practices and technical reports

Discounts on training, publications, and event registration

Unlimited downloads of technical papers (more than 5,500 of them)

Online, pre-recorded web seminars on key topics and trends

Two technical division memberships

Participation in Leadership Development Certificate Program

Online networking via *ISA's LISTSERV*

Access to the member directory

Subscriptions to *InTech*, the premier magazine for automation professionals, and the *Automation Weekly* enewsletter

Online access to *ISA Transactions*, which covers the latest advances in measurement and automation

Online resume posting on *ISA Jobs*

Online access to *ISA Insights*, monthly member newsletter

A wide range of personal privileges, from discounted auto and group insurance rates to savings on hotel room reservations. For a full list of personal privileges provided, as well as more details on ISA member benefits, visit [www.isa.org/memberbenefits](http://www.isa.org/memberbenefits)



Join or Renew Online:  
[www.isa.org/joinisa](http://www.isa.org/joinisa)

**Additional ways to join or renew:**

**Mail this form to:** ISA, PO Box 12277, Research Triangle Park, NC 27709-0185, USA  
**Fax this form to:** +1 919-549-8288

**Call ISA Customer Service at:** +1 919-549-8411  
**Email ISA Customer Service at:** [info@isa.org](mailto:info@isa.org)

**1. Member Information** Please print clearly.

☐ Mr. ☐ Ms. ☐ Dr. Name: Last/Family/Surname \_\_\_\_\_ First/Given \_\_\_\_\_ Middle \_\_\_\_\_  
(Include suffix and/or professional designation)

☐ PE ☐ CSE ☐ CCST® ☐ CAP® ☐ CMRT

Company \_\_\_\_\_ Position/Title \_\_\_\_\_

**Correspondence will be sent to this address:** This is your: ☐ Home Address ☐ Business Address To have a second address on record, enter it at [www.isa.org](http://www.isa.org).

Mailing Address/PO Box \_\_\_\_\_ Mail Stop \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_ Postal Code \_\_\_\_\_

Country \_\_\_\_\_ Email Address \_\_\_\_\_

Telephone ☐ Mobile ☐ Home ☐ Business \_\_\_\_\_ Fax \_\_\_\_\_  
(include area code or country and city code) (include area code or country and city code)

Birth date \_\_\_\_/\_\_\_\_/\_\_\_\_ Twitter username \_\_\_\_\_ LinkedIn public profile URL \_\_\_\_\_  
mm dd yyyy

Have you ever been a member of ISA? ☐ No ☐ Yes Member No. \_\_\_\_\_

Highest equivalent degree earned: ☐ High school/Secondary ☐ Associate (2-Year) ☐ Bachelor's/Undergraduate ☐ Master's/Graduate ☐ Doctorate/Post graduate

ISA will assign you to the closest local Section. If you have a Section preference, please list it here: \_\_\_\_\_

**Students Only: Required:** University Name \_\_\_\_\_ **Required:** Date of expected graduation (mm/dd/yyyy) \_\_\_\_\_

**2. Industry and Job Information**

**Check your standard industry classification (SIC):** (choose only one)

- ☐ 0000 Other \_\_\_\_\_
- ☐ 1000 Metal Mining
- ☐ 1300 Oil & Gas Extraction
- ☐ 1700 Construction
- ☐ 2000 Food
- ☐ 2100 Tobacco Products
- ☐ 2200 Textiles
- ☐ 2600 Pulp, Paper & Allied Products
- ☐ 2800 Chemicals
- ☐ 2830 Pharmaceuticals
- ☐ 2900 Petroleum Refining & Related Industries
- ☐ 3000 Rubber & Miscellaneous Plastics
- ☐ 3200 Stone, Clay, Glass & Concrete Products
- ☐ 3300 Primary Metals

- ☐ 3400 Valves, Fittings, Fabricated Metal Prods
- ☐ 3500 Industrial Machinery & Equipment, including Computers
- ☐ 3600 Electronic & Other Electric Equipment
- ☐ 3660 Communications Equipment
- ☐ 3670 Semiconductors & Electronic Components
- ☐ 3700 Transportation
- ☐ 3710 Transportation-Automotive
- ☐ 3720 Transportation-Aircraft
- ☐ 3760 Transportation-Aerospace
- ☐ 3800 Instrmnt/Measmnt/Analysis & Ctrl Apparatus
- ☐ 3840 Medical Instrumentation & Systems
- ☐ 4600 Utilities-Pipelines except Natural Gas
- ☐ 4810 Communications

- ☐ 4900 Utilities
- ☐ 4910 Utilities-Electrical
- ☐ 4920 Utilities-Natural Gas
- ☐ 4930 Utilities-Combo (Nuclear/Foss Fuel, etc)
- ☐ 4940 Utilities-Water/Wastewater
- ☐ 5000 Instrument & Ctrl Apparatus Sales & Svce
- ☐ 7370 Systems Integration
- ☐ 8200 Education
- ☐ 8710 Engineering Services
- ☐ 8730 Research, Development & Testing
- ☐ 8740 Management Consulting
- ☐ 9100 Government

**Check your primary job function:** (choose only one)

- ☐ 1 Product Design Engineering including applied R&D
- ☐ 3 Engineering Management
- ☐ 4 Integrator/Re-seller
- ☐ A General or Corporate Management
- ☐ AB Management Information Systems
- ☐ AD Factory Automation Systems
- ☐ AG Engineering Consulting
- ☐ AH Supply Chain Management
- ☐ AI Environmental Controls
- ☐ AJ Safety Systems Engineering
- ☐ AK Automation Engineering

- ☐ AN Instrument Engineering
- ☐ AO Process Engineering
- ☐ AP Networking/Communication Systems
- ☐ AQ OEM Product/Systems Engineering
- ☐ AS Project Management
- ☐ AT Engineering (Other)
- ☐ AU Student
- ☐ B Control Systems Engineering
- ☐ D Production Engineering
- ☐ E Plant Engineering, Operations and Maintenance
- ☐ F Software Engineering

- ☐ G Plant Information Systems
- ☐ H Systems Integration
- ☐ I Measurement, Testing, Quality or Stds Engrg
- ☐ J Research & Development
- ☐ K Technical or Engineering Support
- ☐ M Purchasing/Procurement
- ☐ N Education
- ☐ O Marketing or Sales
- ☐ S Systems Design Engineering
- ☐ P Other \_\_\_\_\_

**3. Signature** This application cannot be processed without your signature.

OVER →

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

OLMBR19



#### 4. Membership Dues

##### Membership Types (Choose one)

- |   |  |
|---|--|
| <input type="checkbox"/> ISA Membership — 1 year ..... 130 USD                      | <input type="checkbox"/> ISA Membership in Reduced-dues Countries* — 1 year ..... 65 USD |
| <input type="checkbox"/> ISA Membership — 2 years ..... <b>SAVE USD 15!</b> 245 USD | *Contact ISA for the current list of countries.  |
| <input type="checkbox"/> ISA Membership — 3 years ..... <b>SAVE USD 45!</b> 340 USD | <input type="checkbox"/> Automation Affiliate Membership for members                     |
| <input type="checkbox"/> ISA Student Membership — 1 year ..... 10 USD               | of Automation Federation — 1 year ..... 65 USD   |
| <input type="checkbox"/> Virtual Student Membership — 1 year ..... 5 USD            | Your Affiliate Organization: _____   |

##### Optional Benefits (Multiply price by number of ISA membership years.)

- ☐ **InTech** — To receive a digital edition of *InTech* instead of a printed edition, check here. .... **Free**
- ☐ **InTech Air Mail Option** — To receive *InTech* by air mail for members outside US:  
Europe, Canada, India, Central and South America, and Japan ..... **120 USD/year\*\***
- ☐ **ISA Transactions Print Subscription** — A publication of the best technical articles in your profession; 6 issues ..... **99 USD/year\*\***

\*\*Not available for Automation Affiliate and Automation Community Subscribers.

NOTE: ISA dues include a subscription to *InTech* for which a nondeductible annual allocation of 9.52 USD is made for members and 0.87 USD for student members.

ENTER TOTAL DUES AMOUNT HERE

USD

#### 5. Division Membership

Two divisions are free—additional divisions cost 10 USD each.  
For Automation Affiliate Members and Community Subscribers, each division costs 10 USD.

##### Industries and Sciences Department:

- |   |  |
|---|--|
| <input type="checkbox"/> Building Automation Systems (I)      | <input type="checkbox"/> Mining & Metals Industries (V)    |
| <input type="checkbox"/> Chemical & Petroleum Industries (G)  | <input type="checkbox"/> Power Industry (O)                |
| <input type="checkbox"/> Construction & Design (K)            | <input type="checkbox"/> Pulp & Paper Industries (L)       |
| <input type="checkbox"/> Education (E)                        | <input type="checkbox"/> Water & Wastewater Industries (X) |
| <input type="checkbox"/> Food & Pharmaceutical Industries (R) |  |

##### Automation and Technology Department:

- |  |  |
|--|--|
| <input type="checkbox"/> Analysis (A)  | <input type="checkbox"/> Process Measurement & Control (H) |
| <input type="checkbox"/> Automatic Controls & Robotics (M)                     | <input type="checkbox"/> Safety & Security (S)             |
| <input type="checkbox"/> Communications (D)                                    | <input type="checkbox"/> Test Measurement (J)              |
| <input type="checkbox"/> Automation Project Management & Delivery Division (W) |  |

**Technical Interest Group:** (No Charge) ☐ Leak Detection & Repair

Number of additional divisions joined  x ISA membership years  x 10 USD =  USD

ENTER TOTAL DIVISION DUES AMOUNT HERE

USD

#### 6. Contributions

- |   |  |
|---|--|
| <input type="checkbox"/> Education Foundation: USD* _____ | <input type="checkbox"/> Standards Endowment: USD* _____ |
| <input type="checkbox"/> General Fund: USD _____          | <input type="checkbox"/> Life Member Fund: USD _____     |

All donations are tax deductible in the US. (\*Donations of 25 USD or more are matched by ISA.)

ENTER TOTAL CONTRIBUTION AMOUNT HERE

USD

#### 7. Payment

To make a credit card payment, visit [www.isa.org/join](http://www.isa.org/join) to complete the application, or contact [info@isa.org](mailto:info@isa.org).

- ☐ Check payable to ISA ☐ Money Order ☐ Wire Transfer—Please contact [info@isa.org](mailto:info@isa.org).

ENTER TOTAL AMOUNT DUE HERE

USD

By completing this application, you acknowledge that ISA needs the information to service your membership. Occasionally, we make this information available to companies whose products or services may be of interest to you. Review ISA's complete Privacy Statement at [www.isa.org/privacy](http://www.isa.org/privacy) or request a copy at [info@isa.org](mailto:info@isa.org).

- ☐ Do not release my name and contact information to companies selling products and services. ☐ Do not call me about ISA activities.



# Feature Ads



**ADDRESSING YOUR AUTOMATION CHALLENGES WITH  
THE BEST-IN-CLASS TECHNOLOGIES AND SERVICES.**



Emerson Impact Partner



**Automation | Valves | Measurement | Process Control**

Serving the process industries in Western Canada since 1963.

*For more information, contact us today!*

**24/7 +1 (877) 278-6404 | [info@spartancontrols.com](mailto:info@spartancontrols.com)**



**[www.spartancontrols.com](http://www.spartancontrols.com)**

Burnaby | Calgary | Edmonton | Fort McMurray | Fort St. John | Grande Prairie | Midale | Prince George | Regina | Saskatoon | Whitecourt



# CALGARY

10, 1715 - 27th Avenue NE Calgary, AB T2E 7E1  
403-668-6869 / 403-668-6865

SASK & MANITOBA 204-977-6887

NE BRITISH COLUMBIA 250-277-2552

Your Fire & Gas Detection Specialists  
www.proteksc.com



FED FIRE & GAS DETECTION TECHNOLOGIES INC.



## HD UV IR Flame Detector

- Hydrogen and Hydrocarbons flame detection
- High sensitivity - up to 100ft (30m)
- Integral HD quality video, with event recording



## Triple IR Flame Detector

- Extreme sensitivity - up to 260ft (80m)
- Ultra-fast detection mode 40 milliseconds
- Data/Event logger
- Built-in-Test (BIT)



## HD Triple IR Flame Detector

- Integral HD quality video, with event recording
- 1 minute pre- and up to 3 minutes post alarm initiation
- 40ms - for a fast fire burst or explosion
- Extreme sensitivity - up to 260 ft. (80m)

DC detcon inc. Gas Detection



## 700 Series

- Zone 1 applications
- 4/20mA, relays, Modbus, HART, Profibus & Foundation Fieldbus



## Site Sentinel Wireless Gas Detection Systems

- Self healing mesh network
- Solar powered
- Alarm station
- LEL & H2S



## Process Analyzer

- H2S 10-50000ppm range
- CO2, 3000ppm
- 100% range
- Zone 1, Nema 4X

IRIS Honeywell



## S550BE

- Flame scanner viewing head for flame monitors
- UV, UV/IR



## P522

- Flame signal processor



## Watchdog III

- Pilot and flare stack monitor
- Continuous burner surveillance
- Remote mounted up to 1000'

Qnergy Reliable Remote Power



## PowerGen 5650 Series

- Power Output 5650 Watts
- Fuel type, NG, LPG, Wellhead Gas
- Fuel Consumption 15 - 45 gal/ day
- CSAC22.2#100 (-40C)



## PowerGen 1200 Series

- Power Output 1200 Watts
- Fuel type, NG, LPG, Wellhead Gas
- Fuel Consumption 672-936 ft³ / day
- CSAC22.2#100 (-40C)



## Glycol Heat Trace Module

- Over 50 000 BTU/HR of heat available
- 25 - 55 °C Up to 1500' @ .5 - 2.2 GPM
- Glycol Content Range up to 50% by vol
- Heat Trace Interface 1/2" NPT

MEQ Drives, Industrial Automation & Motors



## Variable Frequency Drives

- 1.5 - 900 HP
- Single / Three Phase
- 200 - 600 Volt



## Controls

- Push Buttons
- Capacitors
- Motor Starters / Protection



## Motors

- AC Motors Ex Proof 1.5 - 450 HP
- Large Induction Motors
- Large DC Motors

Dialight LED Lighting



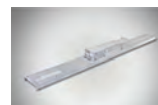
## SafeSite LED High Bay

- 25,000 Lumens
- Class I, Div. 1 & Div 2
- Certified to C22.2 No.137-M81
- 10 yr warranty



## SafeSite LED Floodlight

- 15,000 Lumens
- Class I, Div 2
- CSA 22.2 NO. 137
- 10 yr full performance warranty



## SafeSite LED Linear

- 7,000 Lumens
- Class I, Div. 1 & Div 2
- CSA 22.2 NO. 137
- 5 yr full performance warranty

VIDEOREC



## Explosion-Proof Full HD PTZ Camera

- Class I, Zone 1
- 40°C +60°C
- cUL listed Class I, Zone 1



## High-Spec Ex-Proof HD Camera in a compact design

- Class I, Zone 1
- 40°C +60°C
- cUL listed Class I, Zone 1



## Outdoor Full HD PTZ Camera

- IP 66 Ingress rating
- 40°C +60°C
- cUL listed

Honeywell Commercial/Industrial Combustion



## Burner Controls Modules

- 40°C +60°C
- SIL 3 Capable
- CSA LR9S329-3



## Flame Detectors

- 40°C +79°C
- SIL 3 Capable
- CSA LR9S329-1



## Flame Amplifiers

- 40°C +60°C
- SIL 3 Capable
- CSA LR9S329-3

MAXIVOLT SURGE PROTECTION



## The GuardDog Series

- Primary & Secondary Protection Levels
- Sense Tech Communication Options
- Nema 4X rated enclosure



## The MV Series

- Safety Fusing
- Hybrid Surge Suppression Circuit
- No Ground Connection
- 5 Year Warranty



## The ICP Series

- Hybrid Circuit Surge Suppression
- Safety Fusing
- Low Clamping Voltage
- Low Surge Current Rating

FEDERAL SIGNAL

- Industrial audible & visual signaling devices

Chubb EDWARDS A UTC Fire & Security Company

- Smoke detection
- Rate of rise heat detection

AT

- Industrial strobe warning lights

PRECISION DIGITAL

- Explosion proof displays & panel meters

Fenwal

- Rate of rise detection

insight Detect3D

- Fire & gas mapping
- 3D software





We understand how you need  
to reduce complexities at your plant.

# CLEAN PROCESS + CLEAR PROGRESS

You strengthen your plant's safety, productivity,  
and availability with innovations and resources.

Endress+Hauser helps you to improve your processes:

- With the largest portfolio of safety instruments that comply with international regulations
- With applied technologies and people who have extensive industry application know-how
- With access to accurate and traceable information

Do you want to learn more?  
[www.ca.endress.com/oil-gas](http://www.ca.endress.com/oil-gas)

Endress+Hauser   
People for Process Automation



# SRP control systems Ltd.

Providing Instrumentation & Calibration Instruments since 1980

- QUALITY PRODUCTS • EXTENSIVE SELECTION
- EXCEPTIONAL SERVICE • AFFORDABLE PRICES
























**We Also Offer A  
Full Range Of Repair &  
Calibration Services**

**AN ISO  
9001:2015  
REGISTERED  
COMPANY**

**ISO 17025:2005  
ACCREDITED  
LABORATORY**

- Temperature • Pressure • Flow • Depth/Level Humidity/Dew Point
- Digital Process Indicators/Recorders • Position • Signal Conditioners/IS Barriers

**SRP is proud to represent the following companies:**

	♦ Single & Multi-Channel Data Loggers		♦ Dew Point Transmitters ♦ Hydrocarbon Dew Point Analyzers ♦ Relative Humidity/Temperature Transmitters ♦ Oxygen Analyzers
	♦ Digital Pressure Gauges ♦ Digital Pressure Calibrators ♦ Hydraulic/Pneumatic Pressure Test Pumps ♦ Pressure Manifolds ♦ Hoses, Adapters & Fittings		♦ Industrial Pressure Transmitters & Transducers ♦ Bimetal Thermometers ♦ Manifold/Needle Valves
	♦ Advanced Documenting Field Calibrator & Communicator with HART, Foundation Fieldbus & Profibus ♦ Single & Multifunction Calibrators for Pressure Temperature, Electrical & Frequency Signals ♦ Calibration Software ♦ Dry-Block Calibrators ♦ CSA/Intrinsically Safe Multifunction Calibrator ♦ Modular Calibration System Workstation		♦ Two-wire Infrared Thermometers ♦ Thermal Imagers ♦ Non-contact Temperature Measurement
			♦ Self Contained Humidity & Temperature Chambers
			♦ Electronic Pressure/Level & Vacuum Transmitters ♦ Depth & Level Pressure Transmitters ♦ Water/Wastewater Level Transmitters
	♦ Portable/Laboratory Air Data Test Sets ♦ Ultra Compact Automatic Air Data Test Sets		♦ Intrinsically Safe & Explosion Proof Digital Meters
	♦ Turbine Flowmeters ♦ Indicators/Totalizers/Converters		♦ Non-Contacting Ultrasonic Level Measurement
	♦ DIN Rail Mounting Intrinsically Safe Galvanic Isolated Barriers ♦ Intrinsically Safe Multiplexers ♦ High Integrity Intrinsically Safe Isolators & Safety Relays ♦ SIL2/SIL3 Power Supply for Hazardous Area Equipment ♦ Intrinsically Safe Temperature Converters		♦ Industrial Pressure Transmitters with Voltage/Current Output ♦ Miniature Depth & Level Pressure Sensors
			♦ Portable & Dedicated Doppler & Transit Time Ultrasonic Flowmeters ♦ I/P & P/I Converters
	♦ Rotary Position Indicators ♦ Load Tap Changers ♦ Synchro Transmitters		♦ RTDs & Thermocouples (Custom for OEMs) ♦ HVAC Temperature Measurement ♦ Temperature Transmitters
	♦ Portable Temperature Calibration Bath ♦ Fixed Point Cells ♦ Dry Block Temperature Calibrators ♦ Precision Thermometers ♦ High Temperature Calibration Furnace ♦ High Accuracy SPRTs	formerly: 	♦ Industrial Fiber Optic Networking for Factory Automation & Process Control ♦ Electrical/Optical Interface Modules ♦ Power Supply Modules ♦ Self-Healing Ring Modules
			
	♦ Signal Conditioners/Isolators ♦ Lightning Surge Protectors ♦ Bar Graph Indicators ♦ Universal Input Paperless Recorder ♦ Digital Process Indicators	formerly: 	
			♦ Environmentally Sealed Linear Position Transducers

[www.srpcontrol.com](http://www.srpcontrol.com)

#19-5155 Spectrum Way, Mississauga, Ontario, L4W 5A1

Tel: 905-238-2880 ♦ Toll Free: 1-800-268-2605 ♦ Fax: 905-238-9590

sales@srpcontrol.com ♦ [www.srpcontrol.com](http://www.srpcontrol.com)



Alberta: Tel: 403-736-0508

Fax: 403-736-0509

BC: Tel: 604-451-7300

Fax: 604-451-7310







# MICROWATT

Measure ✓ Control ✓ Protect

## 1-888-388-1592

[www.microwatt.com](http://www.microwatt.com)



## LIFECYCLE ENGINEERING & FIELD SERVICES

- FUNCTIONAL SAFETY ENGINEERING
- APPLIED ENGINEERING SERVICES
- RELIABILITY FIELD SERVICES



Avetta

COMPLYWORKS



## PROCESS and ANALYTICAL



## SAFEGUARDING PRODUCTS

**YOKOGAWA** ◆  
Co-innovating tomorrow®

- PRESSURE TRANSMITTERS
- TEMPERATURE TRANSMITTERS
- VORTEX FLOW MEASUREMENT
- MAGNETIC FLOW MEASUREMENT
- VARIABLE AREA FLOWMETERS
- CORIOLIS FLOW MEASUREMENT
- FLOW COMPUTERS & RTUs

- FIELD WIRELESS TRANSMITTERS
- FIELD WIRELESS INFRASTRUCTURE
- LIQUID ANALYZERS/SENSORS
- GAS DENSITY ANALYZER/DETECTORS
- ZIRCONIA O2 ANALYZER/DETECTORS
- ADVANCED TDLS ANALYZERS
- GAS CHROMATOGRAPHS

- DATA ACQUISITION & DISPLAY
- INDUSTRIAL CONTROLLERS
- REMOTE INDICATORS
- DATA LOGGING & RECORDERS
- SYSTEMS INTEGRATION SERVICES
- SAFETY INSTRUMENTED SYSTEMS (SIS)
- CUSTOM INTEGRATED SOLUTIONS

**EX EJA**

**YTA Series**

**digital  
YEW FLO**

**ADMAG**  
Total Insi

**ROTAMASS**  
Total Insight

**TDLS 8000**

**DX Advanced**

**Honeywell**  
Analytics

- TOXIC GAS DETECTION (PPM & PPB)
- COMBUSTIBLE GAS DETECTION (IR & CB)
- OPTICAL FLAME DETECTION (UV/IR & 3IR)
- FIRE & GAS CONTROLLERS

**Honeywell**  
Fire Protection

- CERTIFIED SAFETY PLC
- HARMONIZED FIRE PANELS COMBINING FIRE & GAS DETECTION, SMOKE, EXTINGUISHING SYSTEMS AND ALARM

**Waltron**

- ANALYZERS FOR LUMINESCENT DISSOLVED OXYGEN, SODIUM, SILICA, AND DEGAS CATION CONDUCTIVITY

**FEDERAL  
SIGNAL**

- AUDIBLE & VISUAL SIGNALS
- EMERGENCY COMMUNICATIONS
- MASS NOTIFICATION SYSTEMS

**STAHL**

- EXPLOSION-PROOF CAMERAS
- THERMAL IMAGING CAMERAS
- INTEGRATED VIDEO SECURITY

**ON GUARD**  
LONESAFETY

- INDUSTRIAL-GRADE LONERWORKER SAFETY MONITORING PLATFORM

**WATCHMEN**  
INSTRUMENTED SAFETY EXPERTS

- FUNCTION SAFETY
- ALARM MANAGEMENT
- EMERGENCY PROTECTION SYSTEMS
- FIRE AND GAS PLACEMENT STUDIES

**exida**

- FUNCTIONAL SAFETY
- ALARM MANAGEMENT
- IACS CYBERSECURITY

**PRECISION  
DIGITAL**

- XP DIGITAL PANEL METERS
- XP LOOP POWERED METERS
- XP CONTROLLERS

**BWF**  
Technologies

- SINGLE GAS MONITORS
- MULTI GAS MONITORS
- DOCKING MGMT SYSTEMS

**RAE**  
SYSTEMS

- WIRELESS GAS DETECTION
- AREA GAS DETECTION
- BENZENE MONITORS

**DUNGS**®  
Combustion Controls

- BURNER MANAGEMENT
- PRESSURE REGULATORS
- SOLENOID & BALL VALVES
- GAS CONTROLS

**BACHARACH**  
The Measurable Difference

- COMBUSTION, FLUE GAS, & EMISSIONS ANALYZERS
- REFRIGERANT MONITORS
- LEAK DETECTORS



**STANDARD-DD**  
Damper Drives LLC.  
Division of MVA Services

- FLOW MODULATION OF COMBUSTION AIR
- FLOW MODULATION OF FLUE GAS

# WHEN THE FIELD DEMANDS IT WE DELIVER



**Proudly serving and supporting western  
Canadian Industry for over 30 Years**

Calgary, AB (Headoffice)  
Edmonton, AB • Grande Prairie, AB  
Fort McMurray, AB • Vancouver, BC  
Saskatoon, SK • Serving N, BC & MB

**LOCAL INVENTORY • SERVICE • EXPERTISE**




Aircom Instrumentation Ltd. provides products and services to the process control industry—specializing in temperature sensor manufacturing, specialty welding and product distribution. For over 15 years, the Edmonton-based company has created solutions for the challenging applications customers face daily, earning its stellar reputation for its customer service.

### Products Unique to Aircom:

- ▶ BTB (Boiler Tube Block) Thermocouples
- ▶ Pipe Shoe Riser
- ▶ Break-To-Length RTDs & Thermocouples
- ▶ PT (Pressure/Temperature) Thermowells
- ▶ Spacer Ring Sensor Assembly
- ▶ Tank Gauging Multi-Point RTD Sensor
- ▶ Instrument Valves & Manifolds
- ▶ Orifice Plates

### Manufactured Products:

- ▶ Thermocouple & RTD sensors manufactured to standard or custom specifications
- ▶ Hazardous location (CSA)  approved temperature sensor assemblies
- ▶ Thermowells and protection tubes (CRN Available)
- ▶ Injection quills & sample probes (CRN Available)
- ▶ Multi-point temperature sensors
- ▶ Downhole temperature sensors
- ▶ Condensate pots
- ▶ Bleed & flush rings
- ▶ Chemical sample cylinders



Custom Temperature Sensors



Injection Quills



Hazardous Location Temperature Sensors



Instrument Valves & Manifolds



Thermowells

### Products Carried by Aircom:

#### Pressure Transmitters by



#### Temperature & Pressure Gauges by



#### Temperature Transmitters & Signal Conditioning by



#### Well Head Pressure Switches by





**NOTE: Page numbers for this On-Line PDF version are different than the printed copy page numbers shown below. ADD 8 pages to the page number below in order to view the correct ad in this On-Line version, and the Cover and Tab Feature Ads are pages 10-16.**

# INDEX OF ADVERTISMENTS SUPPLIERS

## A

Aircom Instrumentation Ltd. **Principal Tab**  
Alberta Industrial Controls & Drives Inc. **11**  
Apex Automation **11**

## B

Berja Meters & Controls Ltd. **11**

## C

Cameron Instruments Inc. **12**  
Cancoppas Limited **14**  
Carbon Controls Ltd. **13**  
Caron Measurement & Controls **12**  
CB Process, Instrumentation and Controls **14**  
CD Nova Instruments Ltd. **16**  
CENTRIX Control Solutions **15**  
Chemco Energy **16**  
CiDRA Oilsands Ltd. **16**

## D

Davis Controls Ltd. **17**  
Delpro Automation Inc **17**  
Distribution Now **18**  
DK-Lok Canada Ltd. **19**

## E

E.B. Horsman & Son **20**  
Edmonton Valve & Fitting Inc. **39**  
Endress + Hauser Canada **Supplier Tab**  
Enerfest, Inc. **21**  
Envent Engineering Ltd. **21**  
ESG Filtration Ltd. **21**

## F

FITOK Canada Inc. **22**

## G

G.S. Hitech Controls Inc. **22**

## H

HCS Heaters Controls & Sensors Ltd. **24**  
Honeywell Thermal Solutions (HTS) **23**

## I

Intertec Instrumentation **24**  
Intrepid Group Ltd. **25**

## K

Kentron Systems Inc. **25**

## L

L & J Technologies **37**  
LCO Technologies **26**  
Link Industrial Technologies Ltd. **26**

## M

Magnetrol International Ltd. **27**  
McAdoo Flow-Systems **28**  
McMath Controls & Automation Inc. **29**  
Mercer Valve Co., Inc. **30**  
Micro-Watt Control Devices Ltd. **Product Tab**  
Movac Valve Systems Ltd. **30**  
Muis Controls Ltd. **31**

## N

NGC Product Solutions Ltd. **32**

## P

Pembina Controls Inc. **32**  
Peterson Instruments **33**  
Pickford **33**  
Precision Measurement Equipment Ltd. **29**  
Process Combustion Systems (2000) Inc. **34**  
Process & Steam Specialties **34**  
Procon Systems Inc. **35**  
Protek Safety & Controls Ltd. **Supplier Tab**

## R

Rotork Controls (Canada) Ltd. **36**

## S

Simark Controls Ltd. **36**  
Spartan Controls Ltd. **Inside Front Cover**  
SRP Control Systems Ltd. **Product Tab**  
Strata Controls **37**  
Summit Valves and Controls Inc. **40**  
Superlok Canada **38**  
Swagelok Calgary **39**  
Swagelok Company **39**  
Swagelok Grande Prairie **39**

## T

Telematic Controls Inc. **40**  
Thermo-Kinetics **42**  
Tundra Process Solutions Ltd. **41**  
Twister Instrumentation & Process Solutions Inc **42**

## U

Vanko Analytics Ltd. **43**  
VEGA Americas, Inc. **44**  
Viking Instrument & Control Ltd. **44**

## W

Westech Industrial Ltd. **45**  
Wika Instruments Ltd. **47**  
WJF Instrumentation Ltd. **46**



**Edmonton**  
Section



**AUTOMATION**  
EXPO & CONFERENCE

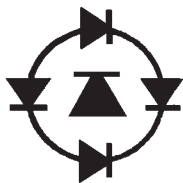
**2020**

**APRIL 29 & 30**

**SPONSOR  
EXHIBIT  
ATTEND**

**[aecalberta.ca](http://aecalberta.ca)**





## ALBERTA INDUSTRIAL Controls and Drives

Serving Western Canada since 1979

*VFD's and SERVO MOTORS*

**Nidec**  
CONTROL TECHNIQUES™

### MOTORS AND MOTOR CONTROL

- ABB • BALDOR • DYNAPAR • EXM
- FUSETEK • IDEC • JOCAB • KB PENTA • MERSON
- R. STAHL • SIEMENS • TECHSPAN • And more....

9720 - 47 Avenue  
Edmonton, AB  
T6E 5P3

TOLL FREE  
Ph (800) 661-3985  
Fax (780) 438-2344

**24 HR**  
**[780] 436-4848**

**aicd@aicd.ca**  
**www.aicd.ca**

# APEX AUTOMATION

**Design**  
**Automation**  
**Installation**  
**Fabrication**  
**Commissioning**  
**Maintenance**

**APEXAUTOMATION.CA**

**BERJA** *Serving the Oil and Gas Industry since 1975*

**BERJA**



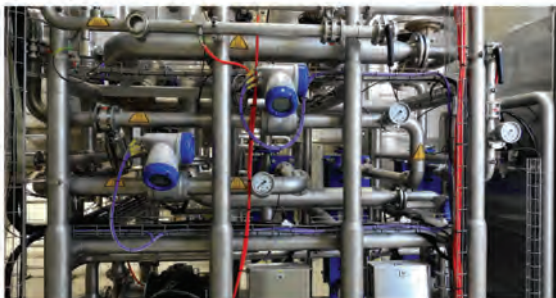
### FIELD SERVICES

- ◆ **Safety:** COR Certified
- ◆ ABSA B31.1 B31.3
- ◆ Piping and Tubing Installation
- ◆ Oxygen Cleaning
- ◆ Custom Fabrication, Metering Packages
- ◆ Instrument / Electrical Installations and Construction since 1975
- ◆ **Quality Commitment:** To provide a quality product on schedule for a fair price

### SHOP SERVICES

Workmanship and materials are guaranteed

- ◆ **Instrumentation:** Sales, Service and Rentals, Maintenance, O<sub>2</sub> Cleaning
- ◆ **Chart Recorders, Pressure Gauges, and Deadweight Testers**  
Including Large Selection of Charts in Stock, Calibrations to **40,000 psi**
- ◆ **Pressure, Temperature Equipment, and Turbine Meters**  
Electronic and Standard
- ◆ **Gravimetric Meter Proving To 10"**
- ◆ **Hydro Testing Equipment:** PSVs, piping plugs, vented blind/pancake flanges, Hydro Testing Trailer
- ◆ **Torque Wrench Calibrations**



**berja.ca**

831-77 Avenue, Edmonton, Alberta, CANADA T6P 1S9  
info@berja.ca T: (780) 440-1234 F: (780) 440-4775





**CAMERON**  
INSTRUMENTS INC

**INSTRUMENTATION  
FOR CALIBRATION,  
MEASUREMENT  
& TEST**






**ISO 17025 Accredited Pressure Laboratory**

1.888.863.8010 | [www.cameroninstruments.com](http://www.cameroninstruments.com) | [info@cameroninstruments.com](mailto:info@cameroninstruments.com)







**Valleyview, AB**  
TEL: 780-524-5954

**Grande Prairie, AB**  
TEL: 780-882-6599

**Fort St. John, BC**  
TEL: 250-785-0453

support@caroncontrols.net



**Caron**  
MEASUREMENT  
& CONTROLS LTD.  
INSTRUMENTATION & ELECTRICAL PROFESSIONALS

**Looking to Reduce your Methane Venting? We have Solutions!**

**ELIMINATOR Solar Air Compressor**

- Class 1 Div. 1, 12/24v DC or 120 VAC
- Produces 60SCFH @ 30psi. Uses 48Watts/Hr. @ 20% duty
- Oil less and maintenance free design. 100% duty cycle
- Class 1 Div. 1 controller with integrated metering
- 100% contained compressor - Contaminant free air

**ELIMINATOR Solar Chemical Pump**

- Class 1 Div. 1 – Completely self-contained
- Injection rate – 0.1L/Day to 140L/Day
- Injection pressure up to 3000psi
- Accurate to 3ml or less
- Ability to retrofit existing pumps to minimize costs when upgrading equipment




**Need Composite Sampling?**

**TOP CUT Proportional Samplers**

*Daily and monthly pressurized samples for well and pipeline product quality analysis*

- TC-100 -24hrs well test sampling 2000mL sample Jug
- TC-200 -24hrs or monthly LACT sampling with a 15psi sample canister (solar/electric drive options)
- TC-300 -24hrs or monthly high-pressure sampling with a 1800psi sample cylinder (solar/electric drive options)

**TOP CUT Proportional Sampler Accessories**

- Static Mixer (Flanged/Threaded)
- Sample Quill
- Inline Sample Probe






**FULL E&I SERVICES, MANUFACTURING AND METER PROVING**


[WWW.CARONCONTROLS.COM](http://WWW.CARONCONTROLS.COM) — [SUPPORT@CARONCONTROLS.COM](mailto:SUPPORT@CARONCONTROLS.COM)

## The ISA Alberta Directory of Automation is OnLine!



- Easy Tablet and Smartphone Viewing
- Search by Product, Brand or Supplier
- Comprehensive List of Suppliers
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- Conversion Tables
- Industry Links

**isaalbertadirectory.ca**



## The ISA Alberta Directory of Automation is Online





- Easy Tablet and Smartphone Viewing
- Search by Product, Brand or Supplier
- Comprehensive List of Suppliers
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- Conversion Tables
- Industry Links

**isaalbertadirectory.ca**



# Supplier of Quality Instrumentation & Electrical Controls

## Electrical Control Solutions



### Low Voltage

- VFDs, Soft Starts, Motors
  - Arc Flash Solutions Software/Hardware
  - Line, Load & Harmonic (Active/Passive) Filters
- Transfer Switches, Switchgear, Switchboards & Panelboards
- MCCs: Standard / Smart / Arc Resistive
  - Arc Flash Mitigation Units

### Medium Voltage

- VFDs, Soft Starts, Motors
- Transfer Switches & Switchgear (Metal Clad or Arc Resistant)
  - Harmonic Filter Banks, PF Capacitors
- MCCs: Standard / Arc Resistant

### Power Distribution

- LV & MV Transformers: Power / Pad Mount / MultiTap



- Alarm Autodialer/Callout - Cell Based
  - VPN Connectivity
- Hosted SCADA Solutions
- Programming Services

## Flow & Level Instrumentation



- Ultrasonic Level Sensors
- Ultrasonic Doppler, Transit Time Flowmeter, Open Channel & Area Velocity Meters
- Magnetic Flow Meters



- Liquid & Gas Turbine Meters
- Low-Flow Turbine Meters
- Transmitters & Totalizers
- Custom Meter Applications



- Helical Turbine Meters
- Ultrasonic Liquid Flow Meters
- CRN & Custody Transfer Approvals



- Wireless Sensor Network, Battery Powered
  - Transmitters - Flow, Level, Temperature & Pressure
- Wire Replacement / No Trenching

## Fire, Gas & Safety Solutions



- Infrared Point & Open Path Gas Detection
- H<sub>2</sub>S Laser Open Path Gas Detectors
  - No Calibration Gas Detectors
  - UV/2IR Flame Detectors
  - Triple IR Flame Detector



- Combustible & Toxic Gas Detection
  - Controllers & Accessories
  - Flame Detection



- Combustible & Toxic Gas Detection
  - Controllers & Accessories



- ESD & Fire Alarm Call Points
- Horns/Sounders/Speakers
- Strobes/Beacons/Status Lamps
- CCTV & Thermal Cameras for Flarestack & Security



- Methane/Oxygen Sensing Systems for Vacuum Compressor/VRU Applications
  - Field Services
  - Biogas Monitoring Systems



### Calgary

Bay 203, 11979 - 40th Street SE  
Calgary, AB T2Z 4M3  
t 403.238.9944

### Edmonton

Suite 33, 10215 - 178 Street  
Edmonton, AB T5S 1M3  
t 780.482.0226

### toll-free 1.866.7CARBON

fax 403.238.9955  
info@CarbonControlsLtd.com  
CarbonControlsLtd.com

# SOLUTIONS FOR MEASUREMENT & CONTROL

**PMV**

## Valve Control

### POSITIONERS

- Digital – Hi Air Delivery – Zero Bleed
- Certified for Natural Gas
- Highly Reliable – User Friendly
- Pneumatic – Electro Pneumatic
- General Purpose, Explosion Proof, Intrinsically Safe
- Epoxy Coated Aluminum or Stainless Steel
- HART, Foundation Fieldbus, Profibus
- Valve Diagnostic Software Included

### POSITION FEEDBACK MONITORS

- Assorted Materials
  - Aluminum
  - Engineered Resin
  - Stainless Steel
- Assorted Switch Options
  - Mechanical
  - Proximity
  - Namur
  - Built In Solenoid Valves



**BEI SENSORS**

## Position – Speed

### INDUSTRIAL ENCODERS

- Incremental
- Absolute
- General Purpose
- Explosion Proof
- Wireless
- Gray Scale SSI or CANBUS Output



**macnaught**

## Flow Metering

### POSITIVE DISPLACEMENT

- High Accuracy – Repeatability
- Install in any piping configuration
  - Assorted Materials
    - Aluminum
    - Stainless Steel
    - Rytan
- Broad Range of Sizes and Flow Capacities
  - 1/4" (100 LPH) > 4" (1200 LPM)

### ADDITIONAL

- Thermal Mass
- Transit Time Ultrasonic
- Electromagnetic
- Vortex
- Doppler Ultrasonic



**Cancoppas**

Mississauga, ON Montreal, QC

(800) 595-0514 www.cancoppas.com controls@cancoppas.com

**PROCESS  
INSTRUMENTATION  
& CONTROLS**

Serving Western Canada Since 1974  
www.cbprocess.ca

1.800.992.2364

info@cbprocess.ca

Optimizing our Customer's Business  
with our Partners' Technologies

**Honeywell**  
THE POWER OF CONNECTED

**VEGA**

**auma**  
Solutions for a world in motion

**SICK**  
Sensor Intelligence.

**Honeywell**  
Analytics

**Quincy**  
COMPRESSOR

**BECK**  
ELECTRIC ACTUATORS

**Omni**

**VSI** CONTROLS  
A PETROLVALVES COMPANY

**Honeywell**  
Thermal Solutions

**MOORE**  
INDUSTRIES  
WORLDWIDE

**ALCO**  
VALVES GROUP

**BONOMI**  
NORTH AMERICA, INC.

**ITT Industries**  
Engineered for life  
Neo-Dyn ENIDINE Conoflow

**Sensortech Systems**  
Inc.  
The Measurement and Control Company

**GRACO**

**INTELLHEAT**  
Industrial Heating Technology  
The ultimate ultra-compact & consistent

**FTI FLOW**  
TECHNOLOGY

**SoundWater**  
Fluid Flow Sensing. Redefined

**CHEMTRAC**

## CB FIELD SERVICES

Factory Authorized Support

Installation/Repair/Commissioning

1.800.992.2364

\* service@cbprocess.ca

### ASHCROFT®

- Bi-Metal Thermometers
- Diaphragm Seals
- Digital Test Gauges
- Pressure Gauges

### CHALLENGER

- Wafer and Lug Style Butterfly Valves

### CENTRIX

control solutions

- Custom Metering Skids
- Flow Nozzles
- Load Racks and LACT Units
- Seal Pots

### Becker



- Anti-Surge
- Low Noise and Anti-Cavitation
- T-Ball

### Consolidated



- Pilot Operated Relief Valves
- Safety Valves
- Safety Relief Valves

### DRESSER

NATURAL GAS SOLUTIONS

- Pipe Joining Products
- Sealing and Restraining
- Fuel Gas Meters
- Positive Displacement Gas Meters



Channel Partner

- Surge Relievers

### Masoneilan



- Control Valves and Actuators
- ESD Valve Positioners
- Smart Valve Positioners

### Mooney



- Monitors
- Relief
- Working Regulators

### Preso®

Differential Pressure Flow Meters

- Coin Wedge Flow Meters
- Ellipse Pitot Flow Sensors
- Low Loss Venturi Tubes



- Flame Arresters
- Pressure Relief Valves
- Vacuum Relief Valves

### RCV

Research Control® | ReCo® Valves

- Custom Engineered
- Micro FloControl
- Specialty Control Valves

### Sure Flow

Equipment Inc.

- Basket Strainers
- Duplex Strainers
- Y Strainers

### SPX®

Pneumatic Products®

- Air Filters and Dessicants
- Instrument Air Dryers

### TechnipFMC

Invalco

- Net Oil Analyzers
- Oil in Water Monitors
- Waterflood Turbine Meters

### TechnipFMC

Smith Meter

- Automated Electronic Loading Systems
- Coriolis Mass Meters
- Hydraulic Control Valves
- Liquid Turbine Meters
- Liquid Ultrasonic Meters
- Meter Electronics
- Meter Provers
- Positive Displacement Liquid Meters

### ultimo

NON-NUCLEAR DENSITY MEASUREMENT SYSTEMS

- Automated Electronic Non-Nuclear Density Meters

### Watson

McDaniel

- Steam Traps
- Condensate Pumps
- Liquid Drainers
- Specialty Products

## Complete Shop Repair and Field Service Capabilities

As a trusted name in the oil and gas product supply industry, our technical team offers exceptional customer service and support throughout Western Canada.

- Control Valves
- Instrument Air Dryers
- Measurement Systems Support
- Steam Trap Surveys
- Relief Valves

### CALGARY

Unit 1A, 8515 48 St SE  
Calgary, AB T2C 2P8  
Phone: 403.252.7651  
CalgaryCCS@centrixcs.com

### EDMONTON

8803 58 Avenue  
Edmonton, AB T6E 5X1  
Phone: 780.468.6950  
EdmontonCCS@centrixcs.com



## Enabling Connectivity for the Industrial Internet of Things

# MOXA®

### • Industrial

- Ethernet Switches
- Wireless LAN
- Cellular
- Secure Routers
- Ethernet Gateways

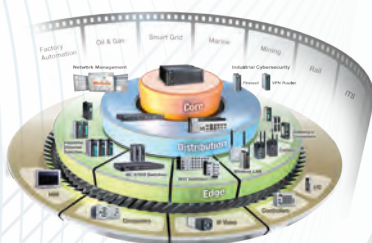


### • Media Converters

### • Industrial Computing

### • Remote Automation

### • IP Surveillance



#### Key Technologies

**STRONG:** Millisecond Self-healing Recovery

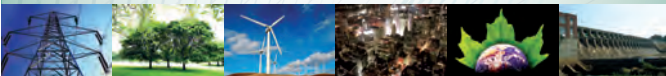
**FAST:** Up to 10GbE High-capacity Bandwidth

**SAFE:** Complete Network Security

**EASY:** The Most Easy to Use

**INTELLIGENT:** Designed for Industrial Automation

**TOUGH:** Industrial Proven Reliability



**CDNOVA**  
AND ASSOCIATED COMPANIES

[www.cdnova.com](http://www.cdnova.com)

#210, 120 Pembina Road  
Sherwood Park, AB T8H 0M2

Tel: 780.417.2616

Toll Free 1.800.263.2684  
[instruments@cdnova.com](mailto:instruments@cdnova.com)

Vancouver | Toronto | Edmonton | Montreal | Halifax

# chemco

People First | Safety | Accountability



#### Providing you with solutions in:

- Electrical & Instrumentation Construction, Commissioning & Maintenance
- Fibre Optics & Data Networking
- High Voltage Distribution, Testing & Commissioning
- CSA Certified for Custom Industrial Control Assemblies
- Panel & Instrument Enclosure Fabrication
- ABSA Authorized
- Instrument Air Piping & Tubing System
- CWB Certified
- Small Bore Piping
- Steam & Glycol Tracing
- Procurement

**Chemco Headquarters:**  
3135 4th Street Nisku, (780) 436-9570

**Edmonton Field Office:**  
9220 39 Ave NW, (780) 436-9570

**Saskatoon Field Office:**  
226A Wheeler Avenue, (306) 477-4791

**Calgary Office:**  
Suite 1515, 505 3rd Street SW, (403) 648-5176

[chemco.com](http://chemco.com)

**CiDRA®**  
Oilsands

## Transforming Data to Information to Action



*Providing  
Enhanced  
Recovery and  
Asset Integrity  
Services*

For additional information, call us at  
+1.780.750.1167 or visit our website:  
[www.cidra.com/oilsands](http://www.cidra.com/oilsands)



[www.daviscontrols.com](http://www.daviscontrols.com)  
1-800-701-7460



## Specialists in the field of Process Instrumentation & Controls

- Manual & Automated Control Valves
- Valve Automation Products
- Process Instrumentation
- Process Heating & Controls
- Control Panels
- Technical Services



Call Us Toll-Free:

**1-800-663-7220**

Delpro Automation is a Division of  
 A.R. Thomson Group

## The ISA Alberta Directory of Automation is OnLine!



- Easy Tablet and Smartphone Viewing
- Search by Product, Brand or Supplier
- Comprehensive List of Suppliers
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- Conversion Tables
- Industry Links

[isaalbertadirectory.ca](http://isaalbertadirectory.ca)







### ENHANCED VALVE SERVICES

Experienced Application Support and Service

- Broad Product Portfolio
- Inventory Based Program
- Fast Inquiry-Quotation Response: <24 Hours
- Quick Delivery: 2-3 days Standard / 4-Hour Rush
- Inventory Pneumatic & Hydraulic; Rack & Pinion, Scotch Yoke, Electric
- SIL rated Partial Stroke Test systems
- Service & Repair to all brands of actuators
- Surplus actuator management services
- PM Program - Valves
- Internal/ External Training
- Manufacturers Approved List- Repair & Test
- Inspection Services

*Service and repair to all actuators  
Surplus management services available  
Custom mounting available for all products  
Engineering and Design*

*Valve re-certification services*

*Diagnostic Testing*

*ABSA Certification - Leduc Facility (AQP220*

*59) Project Management*

*ISO Certification 9001:2015*



### VALVE PRODUCTS

- Trunnion Mounted & Floating Ball Valves
- Gate, Globe & Check Valves
- API 6D Check Valves
- API 6A Gate & Choke Valves
- Pig Valves, Plug Valves
- Rising Stem Ball Valves
- Hemispherical Sealing Ball Valves
- Butterfly Valves
- Knife Gate Valves
- 3-way Valves, Multiport Valves
- Needle Valves
- Valve Automation – Pneumatic, Hydraulic & Electric
- Specialty Valve Products



For more information on valve actuation products and services or for a customized supply chain solution, please contact your local DistributionNOW representative or send inquiries to [DS-CAN-Actuation@dnw.com](mailto:DS-CAN-Actuation@dnw.com)

Valve Automation Centre 3917 81st Avenue Leduc, AB T9E 8S6 Canada Ph: 780 465 0999 Fax: 780 988 6078

## COMPLETE PUMPING SYSTEMS

Complete Pumping Systems is a division within DNOW Canada ULC, focused on the supply, service and distribution of surface pumps, parts and service. Our motto is that we provide "The Right Pump for the Right Application".

With our team of technical application engineers combined with our suppliers manufacturing engineers, we review each application and select from our wide variety of pump options and provide our customers with durable, high performance pumps that are designed with your service in mind and provide years of reliable service. Below is our current offering of pumps, from API 674 Reciprocating pumps, API-676 Progressing Cavity and Gear Pumps, to a wide variety of API-610 pumps, to ANSI B73.1 Centrifugal pumps and a host of other quality pumps to suit your needs.

Our Complete Pumping Systems team work closely with our network of over 35 Energy Branches in Canada, to bring our pump expertise and products closer to where you are.

### PARTS AND SERVICE

Complete Pumping Systems distributes quality parts and service for a variety of pump manufacturers such as:

National, Oilwell, Wheatley, Gaso, Bear, Mission, Union, Afton, Weatherford, Moyno, Viking, Liberty, Flotech, Monoflo, Grundfos, Griswold, Goulds, Envirogear, Sandpiper and Flex-A-Seal Mechanical Seals.



DNOW Head Office 845-401 9 Avenue SW  
Calgary, Alberta T2P 3C5 403 531 5600  
DNOW Leduc Shop 3917-81 Avenue Leduc Alberta  
780-465-0999





**Quality – Reliability – Affordability**



**Why pay more  
for the same  
quality?**

**DK-LOK**

DK-Lok Corporation has a relentless commitment to product quality excellence and backs it up with lifetime warranty and global distribution support.



**Head office and stocking warehouse located in Edmonton AB 780-469-3675  
please contact your local distributor for assistance – [dklokcanada.com](http://dklokcanada.com)**



**E.B. Horsman & Son**  
*The Electrical Distributor of Choice!*



*Your Electrical Distributor of choice for*  
**P**rocess **A**utomation **C**ontrols

- ✓ Specifications and Design Support
- ✓ Product Selection Recommendations
- ✓ Quotation & Demo Requests
- ✓ Inventory Support & Supply Management
- ✓ Delivery Logistics
- ✓ Training
- ✓ Post-Sale Technical Support

**Full Line Electrical Supplier  
with Technical Divisions**

Streamline design, purchasing, and management of industrial devices and equipment with the latest automation, industrial controls and motion systems.



**21 Locations across  
Western Canada**

[info@ebhorsman.com](mailto:info@ebhorsman.com)





# ENERFEST, INC.

People for Valves and Instrumentation

Contact Us

403 - 261 - 8008  
Sales@enerfest.com  
www.enerfest.com



## 1078 Tank Blanketing Valves

- ☐ Simple Construction
- ☐ Easy to change capacity
- ☐ Low temp option
- ☐ Precise control
- ☐ Economical usage of blanket gas



## Bliss Magnetic Level Gauge

- ☐ Ideal for high temperature, high pressure and corrosive services
- ☐ Extremely easy to install
- ☐ High accuracy, Low maintenance



Pressure Regulators  
Safety Relief Valves  
Ball Valves  
Lubricated Plug Valves  
Rising Stem Ball Valves

Tank Blanketing /PVRV's  
Thief Hatch /Flame Arrestor  
Lined /Sleeved Plug Valves  
Control Valves  
Gate /Globe /Check Valves

P / T / DP Transmitters  
Pressure / DP Gauges  
Water Cut Meters  
Coriolis Flow Meters  
Ultrasonic Gas Metering  
Variable Area Flow Meters

Flow Elements:  
Wedge/Orifice/Pitot  
Vortex / Turbine Flow Meters  
PD / Magnetic Flow Meters  
Instrument Valve Manifolds  
Magnetic/Reflex Level Gauges



## ARI - Reyco Safety Relief Valves

- ☐ Conventional and Bellow Relief Valves (ASME Certified)
- ☐ Threaded and Flanged units up to 8" x 10"
- ☐ Quick delivery in 2 weeks



## Flow Safe Safety Relief Valves

- ☐ Conventional and Pilot Relief Valves (ASME Certified)
- ☐ Non-Code and Vacuum Relief also available
- ☐ Up to 12" x 16" and Dual Outlet
- ☐ Quick deliveries



Quality Product at Competitive Price



Always Reachable



Engineered Solution



# Envent

Engineering Ltd.

## Measurement Solutions

Specializing in Analyzers:

H<sub>2</sub>S  
CO<sub>2</sub>  
Oxygen  
Moisture  
Gas Chromatograph  
TFS

envent-eng.com

Ph 1.403.253.4012 Fx 1.403.253.4016

Email: info@envent-eng.com

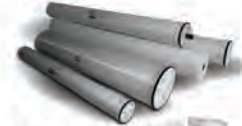
# ESG

Filtration Ltd.

Since 1994



Water Technologies & Solutions  
Channel Partner



## High Quality Filters & Separation Products:

- RO, NF, UF & MF Spiral Wound Membranes
- Pure Water, Industrial & Sanitary/F&B Applications
- Compressed Air & Gas Filter Elements & Housings
- Absolute Rated & Nominal Cartridge & Bag Filters
- Custom Manufactured Filter Housings
- Filters for Oil & Gas Applications
- Rental Filter Housings
- Bag Filters/Sock Filters for water, amine, glycol, etc.
- Local Filtration Expertise & stock when you need it

Calgary	South AB	Edmonton	Grande Prairie	Fort McMurray	North BC	South BC	Sask.	East Canada
(403)	(403)	(780)	(780)	(780)	(780)	(250)	(306)	(403)
571-0202	863-7370	224-3052	518-4002	668-8935	518-4002	808-5548	717-1485	651-8817

Toll Free: 1-800-247-0202. [esgfiltration.com](http://esgfiltration.com) [customer.service@esgfiltration.com](mailto:customer.service@esgfiltration.com)



# FITOK

www.fitokgroup.com  
info@fitok.ca



General Instrumentation Valves and Fittings  
Medium & High Pressure Valves and Fittings  
High Purity & Ultra High Purity Products  
Sampling Systems  
Tubing

## FITOK Group

**FITOK Canada Inc.**  
5407 Roper Rd. Edmonton,  
Alberta, T6B 3L6, Canada  
Tel.: +1 780 966 8895  
E-mail: info@fitok.ca

FITOK GmbH (Germany)  
FITOK, Inc. (USA)  
FITOK Incorporated (China)  
FITOK (Suzhou) Metal Products Co., Ltd. (China)  
FITOK Middle East Oil Equipment Trading LLC (UAE)



www.gshitechcontrols.com

- Acid Gas Thermocouples
- Anti-Cavitation Control Valves
- Automated Isolation/Switching Valves
- Flame Scanners
- Flowmeters:  
Ultrasonic, Coriolis, Magnetic, Variable Area, Vortex, Thermal
- Primary Elements:  
Wedge, Pitot, I-Cone, Orifice, Venturi
- Process Analyzers
- Rupture Disks
- Signal Conditioners
- Tank Vents/Flame Arrestors



Calgary: 6173 - 6 Street SE T2H 1L9 Ph: 403-255-7884 • Fax: 403-253-6393 calgary@gshitechcontrols.com  
Edmonton: 8709 - 53 Avenue NW T6E 5E9 Ph: 780-435-5656 • Fax: 780-437-6246 edmonton@gshitechcontrols.com  
Call Toll Free: 1-800-661-1240



# HONEYWELL THERMAL SOLUTIONS SAFE, RELIABLE, EFFICIENT.



**Honeywell Thermal Solutions provides combustion and heating solutions that are safe, reliable, efficient and clean.** Each of our brands — Honeywell Combustion Safety, Honeywell Combustion Service, Eclipse, Exothermics, Hauck, Kromschroder and Maxon have a strong legacy of providing products and solutions that help customers address their toughest challenges. HTS solutions streamline integration, installation and end-user interaction while improving efficiency and performance. To learn more about HTS products, contact your Honeywell Sales Engineer or visit [www.honeywellprocess.com/HTS](http://www.honeywellprocess.com/HTS).

THE FUTURE IS WHAT WE MAKE IT

**Honeywell**

# **HCS**

## **Heaters, Controls & Sensors Ltd.**

**Controls**  
Same Day Shipping



**Heaters**  
Custom and Quick



**Sensors**  
Custom Made Today

Contact us at:  
(800)279-9912 or  
hcs@hcs1.com  
for all your heating needs

13-60 Meg Drive  
London, ON N6E 3T6  
[www.hcs77.com](http://www.hcs77.com)

[www.intertec.info](http://www.intertec.info) [info@intertec-inst.com](mailto:info@intertec-inst.com)



## **Hazardous Certified Heaters**



### Ratings

Voltages: 24 to 277 VAC/VDC  
Power Output: 25 to 600 Watts  
Certifications: Worldwide Approvals  
Constant Power and Self-Limiting  
Freeze Protection (50°F) and  
Temperature Maintain (Up To 300°F)



## **SAFELINK**

INTERTEC provides full integration SAFELINK of either customer free issued equipment or complete purchase of materials to customer specifications by Intertec. This can be done in small enclosures for typical measuring devices or into cabinets and shelters for large analyzer packages. INTERTEC offers full integration, instrument tubing, electrical to meet any Classification, 3rd party electrical inspections, pressure testing and FAT testing at our site. INTERTEC can offer assistance in the design and engineering of your complete system.

## **Custom Insulated Enclosures**

INTERTEC's unique enclosure manufacturing capability provides optimal solutions for most complex of shapes. Window cut outs, holes, cable glands, etc. can all be CNC machined with superb quality and precision - using composite GRP structural materials that are optimized for the target environment.



255 Henry Drive, Sarnia, ON, N7T 7H5 519-333-2800 888-875-8756



## The ISA Alberta Directory of Automation is *OnLine!*



- Easy Tablet and Smartphone Viewing
- Search by Product, Brand or Supplier
- Comprehensive List of Suppliers
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- Conversion Tables
- Industry Links

[isaalbertadirectory.ca](http://isaalbertadirectory.ca)



*Driven by Partnership*

**FLOW TEMPERATURE PRESSURE SYSTEM COMPONENTS**  
**BOILERS HEAT RECOVERY STEAM GENERATORS LIQUID & GAS ANALYSIS**  
**DATA ACQUISITION LEVEL COMBUSTION & HEAT TRANSFER SOLUTIONS**  
**VALVES FLAME & GAS DETECTION SOLUTIONS SERVICES**

**1-800-543-9152**

[www.intrepid-group.ca](http://www.intrepid-group.ca)

Suite 800, 736 - 8th Avenue SW  
 Calgary, Alberta  
 T2P 1H4



**Kentron Systems Inc.**

[WWW.KENTRON.CA](http://WWW.KENTRON.CA)

**"Engineering, Analytical, Measurement and Safety Systems"**

### Engineering and Integration Services

[www.kentron.ca](http://www.kentron.ca)

- ❑ Site surveys
- ❑ Detailed system design and documentation
- ❑ Field commissioning, start-up and operator training
- ❑ Custom certified panels

### Extronics

[www.extronics.com](http://www.extronics.com)

- ❑ Intrinsically Safe Digital Cameras
- ❑ Barcode Scanners and Serial Interfaces
- ❑ Wireless Access Points, Routers & Antennas

### Intrinsically Safe Solutions

[www.kentron.ca](http://www.kentron.ca)

- ❑ Training: IS concept; application; grounding
- ❑ Codes of Practice applied: CSA; NEC; IECEx; ATEX
- ❑ **Products from all Certified Manufacturers**
- ❑ Intrinsic safety barriers & isolators
- ❑ Lightning and surge protection

### Displays

- ❑ **BEKA** [www.beka.co.uk](http://www.beka.co.uk)
- ❑ I.S Digital Displays
- ❑ Fieldbus, 4-20mA; Serial
- ❑ STAHL PC Terminals Zone 1/Zone 2 certified

### Network and Security Solutions

[www.kentron.ca](http://www.kentron.ca)

- ❑ **Crouse-Hinds by Eaton**
- ❑ **Belden Tofino Industrial Security**
  - ❑ Tofino Xenon Network Firewall
  - ❑ Hirschmann Eagle
- ❑ **Clarity Network Security**

### Hobre Instruments BV

[www.hobre.com](http://www.hobre.com)

- ❑ WIM COMPAS Wobbe Index Analyzer
- ❑ TISOMIC H2S in Crude and Gas Analyzer
- ❑ C-QUAND XRF Total Sulphur
- ❑ Sample Conditioning Systems

### Expo Technologies Purge Systems

[www.expoworldwide.com](http://www.expoworldwide.com)

- ❑ ATEX, IECEx and X, Y, Z (cUL) certified purging & pressurization systems
- ❑ Room Pressurization

### Mirmorax AS

[www.mirmorax.com](http://www.mirmorax.com)

- ❑ **Ultrasonic PPM Oil in Water Analyzer**
- ❑ Measures salinity, particle size and temperature
- ❑ Inline sensor cleaning

### Noren Products Inc.

[www.norenproducts.com](http://www.norenproducts.com)

- ❑ Heat Exchangers AC & Vortex Coolers
- ❑ Low Power; Low Cost Solution

### Sentech AS

[www.sentech.no](http://www.sentech.no)

- ❑ **Water Cut Meter:** 0-100% measurement range
- ❑ Single Point Probe: Level & Water Cut
- ❑ Heavy Oil/High Temperature (225 Deg. C)
- ❑ **Profile Probe:** segmented capacitance level & interface for oil, water, emulsion and gas

#### Alberta:

Suite 700, One Executive Place  
 1816 Crowchild Trail, N.W. Calgary AB. T2M 3Y7  
 Tel: (403) 208-5770 Fax: (403) 241-2145

#### British Columbia:

Suite 300,  
 1275 West 6th Avenue Vancouver, B.C. V6H 1A6  
 Tel: (604) 909-3848 Fax: (604) 909-3849

#### Ontario:

Suite 340,  
 304 Stone Road West Guelph, Ontario N1G 4W4  
 Tel: 1-866-208-5770 ext. 7503

Toll Free: 1-866-208-5770

Email: [sales@kentron.ca](mailto:sales@kentron.ca)



# LCO TECHNOLOGIES



Distributor of PANAM Engineers Instrumentation

High Quality, Low Cost Instrumentation

- Manifolds, needle valves, block and bleed valves
- Gauge root valves, tube fittings, pipe fittings



## Green Technology Innovator of The **CROSSFIRE**

Solar powered chemical injection pump and instrument air compressor

- Reduce your GHG emissions in an easy and cost effective way
- Reliable, ultra-low power technology that doesn't damage solar infrastructure



#115 1829 54 Street SE, Calgary AB, T2B-1N5 CANADA  
[info@lcotechnologies.com](mailto:info@lcotechnologies.com) [www.lcotechnologies.com](http://www.lcotechnologies.com)

ALPHA DIAGNOSTICS, BIN MASTER, BOSSPAC ENGINEERING, CANADA SENSORS TECHNOLOGY, CHROMALOX, FOX THERMAL INSTRUMENTS



## LINK INDUSTRIAL TECHNOLOGIES LTD.

**Level:** Nuclear, Laser, Radar, Ultrasonic, Sonic, Load Cell, Vibrating Rod, Capacitive, Vision, Pressure

**Flow:** Insertion Mag Meter, Coriolis, Ultrasonic, Thermal Mass, Turbine, Belt Scales, MultiVariable Pressure Transmitter

**Analyzers:** Total Sulfur, Moisture, Oil in Water, Oxygen, Dew Point, Personal Monitors, Gas Detection, Calcium, pH, Sodium, Tramp Metal Detector, CEMS, Mass Spec

**Density:** Nuclear, Vibrating Tube, Coriolis

**Vision Process Technology:** Sight Glasses, Lighting, Process Camera, High Temp Camera, Oil in Water, Water in Oil, Particle Size Analysis, Drilling Mud Analysis

**Rotating Equipment Protection:** Engine & Compressor Diagnostics, Vibration, Speed, Roll Over Protection

**Automation:** Pneumatic/Electric Actuators, Pneumatic Digital Positioners

**Samplers:** Liquid/Slurry

**Control:** Heat Trace, Ball Valves, Well Head ESD Valve (Electric & Hydraulic), Batch, Angular and Weight Control

**Electrical:** Heat Trace Cable, Displays, Blanket Heaters, Immersion Heaters, Radiant Heaters, Circulation Heaters, Conveyor Belt Protection Switches

**Pressure:** Pressure Transducers, Differential, Wireless

Comprehensive Solutions  
to Challenging Applications  
for Measurement, Analysis,  
Sampling, Flow Control,  
Heat Tracing.

Edmonton Phone: 780-437-4380 Calgary Phone: 403-389-3983

Fax: 780-437-4637 E-mail: [info@linkindustrial.com](mailto:info@linkindustrial.com) Web: [www.linkindustrial.com](http://www.linkindustrial.com)

Head Office Address: 9544 27 Avenue, Edmonton, AB T6N 1B2

QM&M, RKI, TE CONNECTIVITY, THERMO FISHER SCIENTIFIC - RAMSEY, THERMO FISHER SCIENTIFIC - ENVIRONMENTAL & PROCESS MONITORING, TRANSDUCER USA

GOSCO, IC CONTROLS, JIM CANTY, KINETROL, KOBOLD, MECO, MSR MAGNETER, NEXTRON, PNM, POWER BLANKET, PRECISION DIGITAL,

Magnetrol® has been an industry leader for over 85 years. We offer a total range of solutions—all based on your application—from petroleum refineries, chemical plants, nuclear power stations, food processing operations, to pulp & paper plants. Magnetrol® is an international company with a worldwide reputation for excellence.

**ECLIPSE® GUIDED WAVE  
RADAR TRANSMITTER**

- Two-wire, 24 VDC loop-powered level transmitter
- Low dielectric measurement
- Probe designs for most services and applications in lengths from 30 to 610 cm
- Quick connect/disconnect probe coupling
- Interface measurement


**PULSAR® PULSE BURST  
RADAR TRANSMITTER**

- 26 GHz operating frequency offers superior performance in tougher applications
- Antenna designs to +400 °C
- Range up to 40 meters
- Quick connect/disconnect probe coupling allows vessel to remain sealed


**MODEL R82 PULSE BURST RADAR  
TRANSMITTER**

- Economical 26 GHz transmitter brings radar to everyday applications
- 24 VDC loop-powered
- Pressures to 13.8 bar
- Temperatures to +93 °C
- Range up to 12.2 meters
- Antenna horn encapsulated with Polypropylene, Tefzel® (optional)


**ECHOTEL®  
ULTRASONIC POINT  
SWITCHES**

- Single and dual gap models
- Metal and non-metal sensors
- Integral or remote
- Pressures to 138 bar
- Extensive self-test capabilities


**THERMAT® THERMAL DISPERSION  
MASS FLOW TRANSMITTER**

- Direct mass flow measurement of air and gases
- High turndown rates
- Two 4–20 mA output signals
- Rotatable display provides flow rate, temperature, totalized flow, plus diagnostic messages
- Process temperatures up to +200 °C


**THERMAT® THERMAL DISPERSION  
FLOW/LEVEL SWITCHES**

- Integral or remote
- Monitors liquids or gases
- Extremely fast response
- Excellent low flow sensitivity
- Self-test capabilities
- Pressures to 206 psig
- Temperatures to +200 °C


**E3 MODULEVEL®  
LIQUID LEVEL DISPLACER  
TRANSMITTER**

- Two-wire, loop-powered, transmitter for level, interface or density measurement
- No level change needed for configuration; no field calibration necessary.
- Safety Integrity Level (SIL) value of 2, SFF value of 92.3%
- 4–20 mA output signal
- HART® or FOUNDATION fieldbus™ digital communications


**AURORA®  
MAGNETIC LEVEL  
INDICATOR**

- Combines guided wave radar and MLI technology into a truly redundant system
- High visibility indicator
- Broad range of alloy chambers
- Pressures to 310 bar
- Temperatures up to +538 °C


**DISPLACER-ACTUATED  
SWITCHES**

- Up to three independent switch functions
- Electric, hermetic, or pneumatic switches
- Porcelain, stainless steel, or Karbate displacers
- Pressures to 103 bar
- Temperatures to +260 °C
- Specific gravity from 0.40 to 1.65


**JUPITER® MODEL JM4  
MAGNETOSTRICTIVE  
TRANSMITTER**

- Full graphic local user interface and local waveform capture
- 4–20 mA output signal
- HART® or FOUNDATION fieldbus™ digital communications
- Rotatable and removable transmitter head
- Ergonomic dual-compartment enclosure



# McAdoo *flow-systems Ltd.*

"Your Flow Technology Experts"

**BROOKS**  
INSTRUMENT

Variable area flow meters, Coriolis mass flow, thermal mass flow and pressure control technologies (pressure transmitters and more) to improve your critical processes.

**FLOW/ROX**  
Valves

The premier pinch valves (1"-40") for abrasive or aggressive media. Heavy duty slurry gate valves. Low maintenance elastometer check valves.

**FLOW/ROX**  
Pumps

Peristaltic pumps for pumping slurries, dry or aggressive media. Available from 0-440 GPM and run dry capable. Metering pumps with excellent chemical resistance.

**A-T Controls**  
Your Valve & Automation Solution

Designs, develops and manufactures valves, actuators and valve control products. Manual and actuated ball valves & butterfly valves. Positioners, solenoid valves and limit switches.

**MICRONICS**  
Through Measurement Comes Control

Clamp-on ultrasonic flow meters, clamp-on BTU Meters for energy, clamp-on doppler flow meters, non-invasive, no interruption to process & no downtime, wide range of portable & permanent meters for any liquid.

**POWERBLASTER**

A Unique heat spreading technology that delivers a lightweight, targeted heating solution for drums & barrels, instrumentation, piping, motors & equipment.

**ASSALUB**

Electronic grease meters. Pneumatic 1:6, 1:5, 1.65 grease pumps. Automated, centralized Dual line lubrication systems.

ALBERTA . BC . MANITOBA . NWT . NUNAVUT . SASKATCHEWAN . YUKON

For effective solutions and professional service,  
call us or visit us via the web.

Tel. 403-547-5002 Fax 403-547-5009  
mcadooflowsystems.com  
info@mcadooflowsystems.com





Milton Roy LINC Chemical Pumps, Milton Roy Williams Chemical Pumps, Airtech Louver Actuators, K-Dyne 7970 Pressure Pilots and Relays, McMath Hand Injection Pumps, Check All Back Pressure Valves, Graco Chemical Pumps and Solar Pump Systems, Weir ESD Systems, McMath Gas Collection Systems and Production Tank Flanges, Mallard Valves, Regulators, Level Controls and Hydroseal PSV Valves.



**HACH** Be Right™ Refractometers · Centrifuge Tubes · Hydrometers · Thermohydrometers · Graduated Cylinders · pH Paper · Chloride Strips · Centrifuges · Centrifuge Tube Racks · Knockout Drops · Surface Magnetic · Thermometers · Sample Containers · Centrifuge Shields · Cleaning Brushes · Kolor Kut

#100 - 7503 Girard Road, Edmonton, AB T6B 2H2  
Tel: 780.463.6366 Fax: 1.888.528.2785 Toll Free: 1.800.817.6493

## ADDITIONAL WEBSITE ADVERTISING OPTIONS

Only available to Directory Advertisers.

### 1 FEATURED SUPPLIER ON HOME PAGE \$ 600

Maximum of 28 spots available  
Company logo linked to your online profile page  
Tracking statistics available  
Yearly subscription - Sept. to Sept.

### 2 PREMIUM AD PACKAGE \$ 2,400

Includes Top Page Banner, Bottom Page Banner, & Side Box Ads  
Ads rotate throughout all pages  
Tracking statistics available  
Yearly subscription - Sept. to Sept.

### 3 SIDE BOX AD \$ 1,200

Ads rotate throughout all pages  
Tracking statistics available  
Yearly subscription - Sept. to Sept.

Call 780.467.6729 for more information

[isaalbertadirectory.ca](http://isaalbertadirectory.ca)







**MERCER VALVE CO., INC.<sup>®</sup>**  
**"AUTO SEAT TECHNOLOGY"<sup>®</sup>**  
**PRESSURE RELIEF VALVES**

Mercer Valve Co. is a family owned company based in Oklahoma City. Producing 100% American made High Quality Safety Relief Valves that are used in a variety of applications. We now have a Canadian Division that builds and assembles the valves here in Alberta. Our patented "Auto Seat Technology" ensures repeated and proper alignment, allowing for owner/operator peace of mind.



We're thrilled to be a part of ISA Alberta Directory and look forward to meeting our present and future customer's needs!

**403.225.3219    866.747.9720**

**canada@mercervalue.net**

235038 Wrangler Rd SE, Bay A,  
Rocky View, Alberta, Canada T1X 0K3

**www.mercervalue.net**

**THINK...MERCER FIRST<sup>®</sup>**



**Tel 780.468.6077**

**Toll Free 1.866.468.6077**

**Fax 780.465.0884**

**movacedm@telus.net**

**5638 - 88 Street  
Edmonton, AB T6E 5R8**

## The ISA Alberta Directory of Automation is OnLine!



- Easy Tablet and Smartphone Viewing
- Search by Product, Brand or Supplier
- Comprehensive List of Suppliers
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- Conversion Tables
- Industry Links

**isaalbertadirectory.ca**





### **Sight Flow Indicators**



### **Flow Rate Indicators**



### **Turbine Flow Meters**



### **Positive Displacement Flow Meters**



**[www.muiscontrols.com](http://www.muiscontrols.com)**

**29 Riel Drive, St. Albert, Alberta, Canada T8N 3Z2**

**Phone 780-459-7080 Toll-Free 1-800-661-8823**

**[info@muisccontrols.com](mailto:info@muisccontrols.com)**





## Your Product Solution Specialist

NGC is a leader in the provision of high quality custom products and supporting services. We integrate technology and ethical values into practices that maximize performance and safeguard the reputation of our business partners.

RESISTOFLEX®

CRANE®



Because in your world, you need to be operating – **NGC always answers.**

PH: (403) 295-3114 | TF: (888) 770-8899  
E: sales@ngc-ps.com | W: ngc-ps.com

### Lined Solutions

Polymer Lined Pipes and Fittings  
Lined Valves:  
Plug | Ball | Butterfly  
Check Ball Check | Accessories

### Valves

Gate | Globe | Check  
Butterfly | Plug

### Leak Detection & Protection

Safety Spray Shields  
Leak Detecting Paint  
Isolation Gaskets

### Structural Support

Vibration & Shock Control Pads  
Slide Bearings  
PIPE Support/Clamps

### Instrumentation

Instrumentation Fittings  
Instrumentation Valves & Manifolds  
Sampling Systems



**DISTRIBUTION CENTRE,  
ORDER DESK &  
CUSTOMER SERVICE**

**WWW.PEM-CONTROLS.COM**



9511 - 28 Avenue, Edmonton, AB T6N 0A3



1.877.736.2462 Tel: 780.432.6821 Fax: 780.432.6867



sales@pem-controls.com



Follow us on LinkedIn for tech updates and promotions!



# Peterson Instruments

Peterson Instrument Services has been providing industrial instrumentation service and supply solutions for over 35 years.

**SA-77**

Liquid  
Sampling Systems



HLR Controls -  
Pneumatic Hydraulic Pressure Safety  
Controls

**REOTEMP**  
INSTRUMENTS

Gauges, Valves, Temperature  
Indicators



Flow Meters / Monitors,  
Turbine, coriolis,  
variable area, nutating disc



Well Head Controls  
Electronic /  
Electro-pneumatic



Chemical Pumps -  
Pneumatic and Electric



-Orifice Plates, cat 500/520  
316SST,  
-Plate seals for all major brands of  
orifice fittings



-replacement Floco™ Meter parts  
-in-house bellows repair  
-recorder parts / components  
-charts and pens



www.petersoninst.com

#123, 5655-10 street NE, Calgary, AB Canada T2E 8W7  
p: 001-403-291-9169 // f: 001-403-291-0960 // e: sales@petersoninst.com

1-800-667-7993



## FLOW CONTROL / VALVE AUTOMATION DIVISION

### WORCESTER BALL VALVES & ACTUATORS

- ◆ 3 Piece Bolted Style and Flanged valves ◆ Control Valves/Fugitive Emissions
  - ◆ Cryogenic/Chlorine/Steam Valves
- ◆ Electric & Pneumatic Actuators and Positioners

**Worcester  
Controls**

### RED POINT

- ◆ Ball, Gate, Globe, Check and Special Valves in Titanium,  
Nickel Alloys and (Super) Duplex

**Red Point**

### AMPO POYAM

- ◆ Ampo is able to design and manufacture high-technology valves with  
best performance and low maintenance costs ◆ Cryogenic Service
  - ◆ High Pressure ◆ LNG ◆ Metal Seated ◆ Special Application

**AMPO**

### QUADAX

- ◆ Four Offset Butterfly Valves. Size 2"-60" in various body materials-  
pressure class, trims and end connections

**quadax**  
four offset butterfly valves

### HYTORK

- ◆ Pneumatic "Rack & Pinion" Actuators For Valves

**HYTORK**

### POSITION MONITORING & CONTROL

- ◆ Position Monitoring & Control of Automated On/Off Valves
  - ◆ Partial Stroke Testing
- ◆ Pneumatic, Electro-Pneumatic & Digital Positioners

**TOPWORX**

**PMV**

Edmonton 780.469.6002

1.877.742.5367  
www.pickford.com

Calgary 403.571.0571



# PSS

Process & Steam Specialties

YOUR LEADER IN  
**VALVES**  
**ACTUATION**  
**STEAM PRODUCTS**  
SOLUTIONS & CUSTOMER SERVICE



- Durco, Atomac and Argus valves
- PTFE, PFA and PP lined products
- Automax actuation
- McCanna ball valves



- 1, 2, 3 Piece and flanged ball valves
- Butterfly valves, NSF 61
- Check valves and strainers



- Sampling and drain valves
- Swing/Sliding line blinds
- Wash down stations



- Pressure and temperature gauges
- Instrument and needle valves



- Triac automated butterfly and ball valves
- Valve control and accessories



- Brass and bronze ball valves
- Safety relief valves



- Ceramic control valves
- Ceramic V-ball valves



- Engineered valve solutions
- Multiport ball valves
- Instrumentation Isolation valves



- Double block and bleed valves
- Needle valves and manifolds
- Instrument accessories



- Steam and fluid control valves
- Safety relief valves
- Pressure and temperature regulators



- Spring return fail safe electric actuators
- Quarter and multi turn valve actuation

Order Desk & Sales | Edmonton | (780) 484-0577  
[www.processandsteam.com](http://www.processandsteam.com)



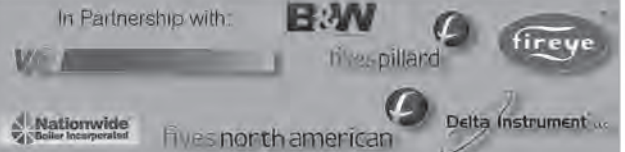
**Process Combustion Systems Inc.**

"Combustion Solutions, Engineered for Industry"

- Industrial Boiler, Burner & Control Service.
- Complete Boiler-House Design and Refurbishing.
- Design and Upgrading of Fired Process Heaters, Rotary and Fluidized Bed Dryers & Incinerators.
- Code compliant Burner Management Systems.
- Combustion Control Systems.
- Turnkey Burner, Fuel Skid & Control Systems.
- Low NOx Burners for Boilers & OTSG.
- Fives North American Mfg, Low NOx Burners.
- Fives Pillard Low NOx Burners.
- Fireye Inc. Flame Safeguard Control Products.
- Water-Tube Packaged Boilers.

33-1515 Highfield Crescent SE Calgary AB T2G 5M4  
Tel: (403) 250-1075 Fax: (403) 250-1076  
Web: [www.processcombustion.com](http://www.processcombustion.com)  
Info: [info@processcombustion.com](mailto:info@processcombustion.com)

In Partnership with:



Visit the ISA Alberta  
Directory Online ....  
[isaalbertadirectory.ca](http://isaalbertadirectory.ca)

# COMMITTED TO PROVIDING UNSURPASSED CUSTOMER SERVICE AND SUPERIOR PRODUCTS FOR DETECTION, MEASUREMENT AND CONTROL

PROCON is proud to be affiliated with some of the world's most recognized names in detection, measurement and control. Together, we have been meeting the demanding needs of customers around the globe. If your life or business depends on precise measurement and control, or accurate detection of potentially hazardous workplace atmospheres, you can rely on the precision instrumentation and expertise of PROCON.

## Flow Products



Venturi meters, flow nozzles, segmental wedge Venturi meters



Portable and fixed installation liquid clamp-on "transit time" ultrasonic flowmeters



Mass flow meters; single point, in-line and multi-point insertion elements; portable air velocity meters; flow control valves for use with air, industrial gases, flue and ultrapure gases



Signature process transit-time ultrasonic flow meters for liquids, flare, gas and steam using wetted or clamp-on transducers; multi-chord ultrasonic liquid meters for high accuracy, wide ranging viscosity/high availability applications



Omega tube Coriolis mass meters, 1/2" to 12 sizes, process temperatures to 350°C



Magnetic flow meters for water, wastewater and slurry applications; process temperatures to 204°C



Multipath ultrasonic gas flow meters utilizing a patented Broadband Continuous Wave signal processing technique. The 3 path meter is ideal for difficult process applications where fast, accurate and reliable performance is required. The 4 path AGA-9 and OIML R137 compliant fiscal meters provide the same reliability and fast response with custody transfer accuracy and repeatability.



Precision multivariable insertion, wafer, and flanged Vortex flow meters for liquid, gas, steam and energy service. Multivariable insertion turbine flow meters for liquid, gas, and steam service

## Measurement & Analytical Products



Field proven industrial analytical solutions for water industries.



Oil-on-water sheen monitoring systems, oil thickness monitoring, wireless oil spill detection systems



Fiscal densitometers for liquids and gases



Moisture analyzer sample conditioning systems with CRN's, moisture sensor calibration; pressure, temperature, electrical calibrations



Ultrasonic density and concentration analyzer systems

## Intrinsic Safety



Single and dual channel intrinsic safety barriers and isolators, Zone 1 hazardous area Remote I/O Systems

## Gas & Optical Flame Detection Products



Fixed gas detection transmitters and controllers for the monitoring of combustible and toxic gases



UV, UV/IR, Multispectrum IR5 infrared flame detectors featuring patented fire event analysis



Fixed gas detection transmitters and controllers for the monitoring of combustible and toxic gases. Rig Protector 4 portable area monitoring systems for toxic, oxygen and combustible gases.



Fixed gas detection transmitters and controllers for the monitoring of combustible and toxic gases

## Sampling and Mixing Products



Static mixers to maximize contact and minimize variance; steam heaters and desuperheaters



Gas and liquid samplers; crude oil samplers; constant pressure sample cylinders (Transport Canada approved); probe regulators; analyzer accessories; sample probes

## Rotating Equipment Controls



Turbomachinery control solutions; anti-surge and load sharing; steam turbine speed and extraction control; API 670 compliant over-speed prevention

## Flow Computers



Natural gas and liquid flow computers from 1 to 32 runs

## Asset Integrity Monitoring



Real time remote corrosion/erosion monitoring systems for piping systems and vessels

## Alarm Annunciation Products



Fully programmable alarm annunciators; stand-alone alarm systems; signal conditioners; display fascias



**PROCON**  
SYSTEMS

[www.proconsystems.com](http://www.proconsystems.com)

9504 Horton Road SW  
Calgary, AB T2V 2X4  
Tel: (403) 255-2921  
Fax: (403) 255-3928

6025 - 99th Street NW  
Edmonton, AB T6E 3P1  
Tel: (780) 437-0244  
Fax: (780) 438-2893

6138 Crescent Drive  
Delta, BC V4K 4B7  
Tel: (604) 940-8757  
Fax: (604) 940-9126

48 Dudhope Avenue  
Cambridge, ON N1R 4T5  
Tel: (519) 267-3121  
Fax: (519) 267-3127

**CALL US TOLL FREE**

**CALGARY: 1-866-455-2921**

**EDMONTON: 1-877-844-6665**

# rotork®

Keeping the World Flowing  
for Future Generations

Improving  
efficiency &  
minimising  
downtime

It's in our DNA



Over 60 years of innovative and  
reliable flow control solutions

➔ A single source for:

- Electric and pneumatic valve actuation
- Isolating, modulating, and failsafe duties
- Industry-preferred network compatibility
- New plant or retrofit upgrade
- Reliable energy-saving solutions



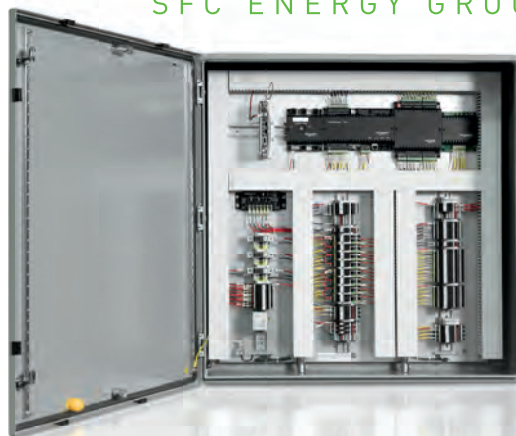
1 780 462 8153

calgary.sales@rotork.com

[www.rotork.com](http://www.rotork.com)

# SiMARK

SFC ENERGY GROUP



Expertise meets  
exceptional products.

Simark Controls Ltd. has been proud  
to provide best-in-class products and  
expert solutions since 1971.



SCADA and Automation



Off-Grid Power Solutions



Drives and Motor Control



Measurement and  
Instrumentation



Engineered Solutions

**Simark Controls Ltd.**

10509 46 Street SE

Calgary, AB T2C 5C2

Phone: 403-236-0580

Toll Free: 1-800-565-7431

info@simark.com

[simark.com](http://simark.com)





Strata Controls represents these exceptional manufacturers and provides meter proving services to industry



End to end metering solutions. Metrology™ is a suite of metering applications that helps manage all aspects of the measurement process, from the flow computer all the way through to accounting.



PVR Valves, Manways, Thief Hatches, Flame Arrestors, Vapour/Blanketing, Drain Valves and a variety of other Tank Fittings.



Radar, Servo, Tape Gauges, and Magnetostrictive Level and Tank Inventory Control.



Direct Mount Manifold Systems, Primary Isolation Valves, Monoflanges, Gauge Root Valves, Double Block & Bleed Gauge Root Valves.



Thermal Gas Mass Flow Meters and Switches.



Ultrasonic, Microwave, R.F. Capacitance Level, Sensors & Probes.



General Service, High Pressure, and Rotary Shaft Style Solenoid Valves.



RMG has more than 150 years of experience in the natural gas industry. Manufacturing Multipath Gas Ultrasonic Meters, Turbine Meters, Gas Chromatographs and Volume Correctors.



Anaerobic Digester Cover Equipment, Digester Gas Safety Equipment, Waste Gas Burners/Flares.



High Pressures 10,000 to 150,000 psi; Valves, Fittings, & Tubing; Reactors & Pressure Vessels; Pumps, Intensifiers & Gas Boosters; Double Block & Bleed Valves



Meter Proving and repair. Start-up and Commissioning, Initial Measurement Canada Approvals. Flow Computer Start-up, Commissioning and Field Service.



T (403) 262-4484 • F (403) 262-8487 • [sales@stratacontrols.com](mailto:sales@stratacontrols.com)  
#7, 1815 - 27 Avenue N.E., Calgary, AB, T2E 7E1 • [stratacontrols.com](http://stratacontrols.com)



Workplace Safety  
Certificate of  
Recognition



L&J engineering  
evolving at every level

## Don't Roll The Dice ON YOUR TANK LEVELS!

### Know your levels at all times.

Why gamble with tank levels when L&J Technologies can give you complete insight into your tank with continuous level measurement products from L&J engineering. **L&J engineering offers highly accurate and reliable devices for level measurement, wireless communication, and a state-of-the-art inventory management system** to optimize your processes even in the most challenging and dirty applications.

Contact us today, 708-236-6000 or [sales@ljtechnologies.com](mailto:sales@ljtechnologies.com) and let us help you decide what solution will work best for you and your operation.

an **L&J TECHNOLOGIES** company

5911 Butterfield Road | Hillside, IL 60162  
708.236.6000 | [www.ljtechnologies.com](http://www.ljtechnologies.com)

Represented exclusively  
in Western Canada by:  
**STRATA  
CONTROLS**  
[www.stratacontrols.com](http://www.stratacontrols.com)



▼ MCG 1600SFI Radar Level Gauge operates at 10 GHz with an accuracy of  $\pm 0.5$  mm, shown with the optional **WirelessHART**.

◀ MCG 3905 WIN Gauge Inventory Management System.

◀ evo 2600 Radar Level Gauge operates at 26 GHz with accuracy of  $\pm 3$  mm, shown with the optional **WirelessHART**.

MCG 2000MAX Transmitter shown ▲ on a Shand & Jurs 92021 with the optional **WirelessHART**.





# CANFLEX<sup>®</sup>

**SUPERLOK<sup>®</sup>**  
**CANADA**

## NEW! Canflex/Superlok Flexible Metal Hose



- Vacuum to 6000 psi
- CRN # OD06902.2
- 1/4" ~ 2" End Connections
- Quick Turnaround
- Made in Canada

## We've Built our Brand upon Quality, Innovation and Safety.

- High Precision Design
- Heat Code Traceability
- Fully Interchangeable
- CRN Certified
- Innovative Features
- Extensive Distribution



### Alberta Locations

Calgary  
**403-910-7676**

Edmonton  
**780-306-2399**

Fort McMurray  
**780-747-1654**

Clairmont/Grande Prairie  
**780-357-1291**

Red Deer  
**403-754-5021**



## PRESSURE IS MAINTAINING YOUR SYSTEM HEALTH

Diagnose and resolve fluid system issues with Swagelok Evaluation and Advisory Services. Hidden issues in your fluid systems **can be hard to find**, and can affect your plant efficiency, safety, and product quality. We can help.

[www.swagelok.com/en/do-more](http://www.swagelok.com/en/do-more)

Swagelok®



Providing the most reliable solutions  
for your valve and instrumentation needs.



Calgary  
Edmonton  
Fort McMurray  
780-468-6900

Product Sales,  
Technical Expertise,  
Engineering,  
and Service

Bray • CheckRite • Cla-Val • Cowan Dynamics • Della Foglia •  
Flow-Tek • FluoroSeal • Krohne • Noshok • QuadroSphere • Red Valve  
• RocketPlates • Ronan • Rotork • SlurryFlo • Tideflex • Topworx •  
Val-Matic • Wey Valve • Whippis

[www.summitvalve.com](http://www.summitvalve.com)

## The ISA Alberta Directory of Automation is *OnLine!*



- Easy Tablet and Smartphone Viewing
- Search by Product, Brand or Supplier
- Comprehensive List of Suppliers
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- Conversion Tables
- Industry Links



[isaalbertadirectory.ca](http://isaalbertadirectory.ca)



Ball Valves - Threaded & Flanged  
Pneumatic & Electric Actuators - Rack & Pinion & Scotch Yoke



Pressure & Level Measurement  
Pressure & Submersible Transducers,  
Continuous Float Level Transmitters  
Float Switches, Ultrasonic Level Sensors



Industrial & Process Automation  
Plug & Play Hazardous Cables, Connectors & Cordsets  
Network Interface Products  
Intrinsic Safety Isolators & Barriers



Load Cells, Tensionmeters, Load Pins,  
Force & Torque Transducers



**Telematic Controls**

Representing



Flow, Level, Interface & Temperature Products



CustomControlSensors  
Pressure & Temperature Switches



Natural Gas Approved IP Transducers  
Pneumatic Regulators, Boosters, Relays & Transducers

**Process Instrumentation & Controls**

+1 403 253 7939 @ telematic.com info@telematic.com



Hazardous Location LED Lighting,  
"AC In" Direct Technology - No Ballast,  
High Bay and Overhead Door Lights, Linear Rig Lights



Touchscreen Display Controller,  
Modbus, SAE J1939, Ethernet Based,  
PID, Analog & Digital Control, Data Logger



Valve Positioners, Position Transmitters, IP's, Relays,  
Volume Boosters, Air Filters



Field Mounted Ex-proof Indicators &  
Transmitters with Relays

## The ISA Alberta Directory of Automation is

*Online*



- Easy Tablet and Smartphone Viewing
- Search by Product, Brand or Supplier
- Comprehensive List of Suppliers
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- Conversion Tables
- Industry Links

[isaalbertadirectory.ca](http://isaalbertadirectory.ca)



Info@TundraSolutions.ca

1-800-265-1166

www.TundraSolutions.ca

#### INSTRUMENTATION & CONTROLS

Analytical, Calibration,  
Continuous Emissions  
Monitoring, Flow, Gas &  
Flame Detection, Level,  
Pressure, Temperature

#### PANEL & BUILDING SOLUTIONS

VFD, RTU & Electrical  
Panels, Medium  
Voltage Drive Buildings

#### MAINTENANCE & SUPPORT

24/7, Emergency  
Response

#### BOILERS, BURNERS & WATER TREATMENT

Steam & Hot Water Boilers,  
B149.3 Compliant Fuel  
Trains, Low Emission Burners,  
Water Treatment Plants

#### VALVES & ACTUATION

Actuation, Check,  
Choke, Control, ESD,  
Isolation, On/Off,  
Pressure Relief

#### MOTORS & DRIVES

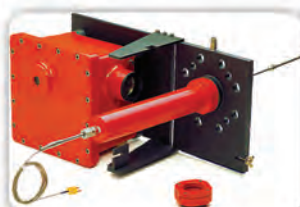
Low & Medium Voltage  
Motors and Drives

#### REPRESENTING:

ABB, BHGE Panametrics, Cleaver-Brooks, Circor, Continental Disc Corp., Dezurik, DHV, Farris, Fluicon, Fossil, General Monitors, Groth, IMI Precision Engineering, KF, K-Tek, McCrometer, MSA, O'Brien, OMB, Pibiviesse, Sage, Senscient, Spirit IT, TLV, Toshiba, Veolia.

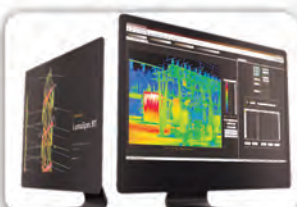






# THERMO KINETICS

MEASUREMENT & CONTROL



## Manufacturer/Distributor of Quality Measurement and Control Equipment

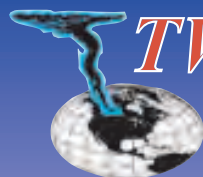
- Pyrometers, RTDs, Thermocouples, Transmitters, Downhole Thermocouples
- Digital Displays, Controllers, Totalizers and Power Controllers (SCRs)
- Thermal Imaging Solutions for OTSG, HRSG, Furnaces, Boilers and Sub Stations
- ISO/IEC 17025 Calibrations and Instrument Repairs



**1-800-268-0967**

**Calgary 403-252-2522 | Edmonton 780-448-1580**

**www.thermo-kinetics.com**



# TWISTER

**INSTRUMENTATION  
& PROCESS  
SOLUTIONS INC.**

**Ph: 403-201-8904 Fax: 403-201-8916**

**twisterinst@telus.net**

**#144, 5050-106 Avenue SE**

**Calgary, Alberta T2C 5E9**

**www.twisterfiltration.com**



**Pressure Reduction Regulators  
Back Pressure Regulators  
Cylinder Regulators  
Vaporizers**



**Headline Filters**

**Headline Liquid & Gas Filters  
Sample System Filtration**



**Sample System Flow Switches  
Stream Switching Valve**



**Variable Area Flow Meters  
Armoured Meters (CRN)**



**Instrument Air Filtration  
Instrument Air Dryers  
Membrane Dryers  
Fuel Gas Filters  
Hydraulic Filters**



**MEGAS  
MANUFACTURING**

**Pneumatic, XP Electric/Solar  
Chemical Injection Pumps/Packages  
Controllers, Level Switches, Relief Valves**



**Solar/Electric XP Pumps  
Pneumatic Chemical  
Injection Pumps  
Solar Packages**



**Collins Swirl  
Klean Filters  
Analyzer Filters  
Collins Filtering System**



**Gas & Liquid Separators  
Coolers**



**TWISTER  
MEMBRANE  
SEPARATORS**

**Membrane Liquid & Gas Separators  
Quality Sample System  
Conditioning Components  
Sample Probe Regulators,  
Self Cleaning Filters**



**TWISTER  
FILTRATION**

**Coalescing Filters  
Fast Loop Filters  
Complete Sample  
Systems  
Heated Probes**

**Membrane Gas  
Separators  
Fuel Gas Filters  
Diaphragm Pumps  
Sample Coolers**





Analytical & Instrumentation Specialists

**PROUDLY  
CELEBRATING  
OVER 30 YEARS!**

Our team of local, factory trained, and experienced field service technicians are here to support all of your field requirements, throughout Canada.



Extensive range of innovative level solutions



High-visibility magnetic level indication and high-accuracy magnetostrictive level transmitters



Advanced nuclear instrumentation for level, density, and phase measurement



Non-invasive ultrasonic flow, concentration, BTU and mass flow measurement



Leading provider of reliable, accurate and stable gas measurement solutions



Stationary fire and gas detection systems



Primary flow elements, wedge meters, venturis, nozzles



Intrinsic safety, process I/O, industrial networks, surge protection



Ultrasonic technology for flare gas measurement, gas venting



High-level total sulfur measurement of crude, bunker fuel, fuel oils



Oil and gas pressure transmitters



Environmental monitoring stack flow, opacity, stack gas measurements



Oil and gas market, gas chromatography, H<sub>2</sub>S, CO<sub>2</sub>, and moisture



Mud flow return sensors, top drive and wireless encoders



PowerGen remote power generator provides reliable electrical power



Process refractometers for in-line liquid measurements



Distillation, viscometers, total sulfur, physical property analyzers



Smart pressure, differential pressure and temperature transmitters



RedEye water cut meters



Coriolis flow meters

[Info@vanko.net](mailto:Info@vanko.net)

Vancouver

Edmonton

1-800-307-8554

Calgary

Regina

Winnipeg

[www.vanko.net](http://www.vanko.net)

Toronto

Montreal

... THE CHOICE FOR LEVEL MEASUREMENT IS EASY:  
**80 GHZ RADAR!**

One sensor for bulk solids.  
Sounds simple, is simple!

One radar sensor  
for liquids.



More information: [www.vega.com/radar](http://www.vega.com/radar)

Phone +1 513 272 0131 | E-mail [americas@vega.com](mailto:americas@vega.com)



# VIKING

INSTRUMENT & CONTROL LTD.

**Superior Products, Exceptional Service**



**Parker  
Analytical**

**ASHCROFT®**

**PORTER**  
INSTRUMENT COMPANY, INC.

**Bestobell**

3504-78 Avenue NW  
Edmonton, Alberta T6B 2X9

PHONE:  
**587.415.4426**

GET A QUOTE TODAY!  
**[vikinginstrument.com](http://vikinginstrument.com)**





MEASURE EXCELLENCE. PERFORM BETTER.



At Westech, we provide best-in-industry products and solutions that make your operations more efficient, more productive and safer.



## Single Source Solutions

We bring together a team of dedicated professionals that will provide innovative turnkey solutions that address a client's full range of needs. Our main focus is to design and implement state-of-the-art and practical solutions for our clients.



[www.westech-ind.com](http://www.westech-ind.com)

Western Canada Headquarters and Service Facility

Main: (403) 252-8803 Fax: (403) 253-6803  
Service West: 1-800-912-9262

Email: [sales-west@westech-ind.com](mailto:sales-west@westech-ind.com) or  
[service-west@westech-ind.com](mailto:service-west@westech-ind.com)





**Improving Analytical and Process Measurements  
with Innovative Instrumentation and Professional Service**

Analyzers - Gas  
Analyzers - Liquid  
Calibration Equipment  
Dewpoint  
Dialers  
Electrodes  
Fire Detection  
Flow  
Gas Detection  
Level  
Meters  
Pressure  
Pumps  
Process Actuation  
Samplers  
Structural  
Temperature  
Process Valves  
Solenoid Valves



**Additional Suppliers & Product Catalogue  
Available at [www.wjf.ca](http://www.wjf.ca)**

#5, 3610 - 29th Street N.E.  
Calgary, AB, Canada T1Y 5Z7  
Phone: (403)291-5570  
Toll-Free: (877)291-5572  
Fax: (403)291-3714  
Email: [info@wjf.ca](mailto:info@wjf.ca)  
Website: [www.wjf.ca](http://www.wjf.ca)

**Analytical - Process Control - Safety - OEM - Laboratory - Environmental**

## The ISA Alberta Directory of Automation is OnLine!



- Easy Tablet and Smartphone Viewing
- Search by Product, Brand or Supplier
- Comprehensive List of Suppliers
- Product & Brand Cross Reference
- Quick Reference Technical Handbook
- Conversion Tables
- Industry Links

**[isaalbertadirectory.ca](http://isaalbertadirectory.ca)**



## ADDITIONAL WEBSITE ADVERTISING OPTIONS

Only available to Directory Advertisers.

### 1 FEATURED SUPPLIER ON HOME PAGE \$ 600

Maximum of 28 spots available  
Company logo linked to your  
online profile page  
Tracking statistics available  
Yearly subscription - Sept. to Sept.

### 2 PREMIUM AD PACKAGE \$ 2,400

Includes Top Page Banner,  
Bottom Page Banner, &  
Side Box Ads  
Ads rotate throughout all pages  
Tracking statistics available  
Yearly subscription - Sept. to Sept.

### 3 SIDE BOX AD \$ 1,200

Ads rotate throughout all pages  
Tracking statistics available  
Yearly subscription - Sept. to Sept.

**Call 780.467.6729 for more information**

**[isaalbertadirectory.ca](http://isaalbertadirectory.ca)**



## Calibration technology at your fingertips

- Testing and verification
- Data logging
- Calibration and documentation
- Wireless communication



## Replacement service for diaphragm seal systems with process transmitters

- Cost Savings
- Longer service life of the process transmitter



Pressure | Temperature | Level | Force | Flow | Calibration Technology | Services



### Distributed Products





# ADDITIONAL WEBSITE ADVERTISING OPTIONS

Only available to Directory Advertisers.

1

## FEATURED SUPPLIER ON HOME PAGE

Maximum of 28 spots available

Company logo linked to your online profile page

Tracking statistics available

Yearly subscription - Sept. to Sept.

**\$ 600**

2

## PREMIUM AD PACKAGE

Includes Top Page Banner, Bottom Page Banner, & Side Box Ads

Ads rotate throughout all pages

Tracking statistics available

Yearly subscription - Sept. to Sept.

**\$ 2,400**

3

## SIDE BOX AD

Ads rotate throughout all pages

Tracking statistics available

Yearly subscription - Sept. to Sept.

**\$ 1,200**

The screenshot displays the ISA Alberta Directory of Automation website. At the top, there's a header with the ISA logo and navigation links: HOME, SUPPLIERS, PRODUCTS, BRANDS, ADVERTISE, RESOURCES, and LINKS. A 'SUPPLIER LOGIN' button is in the top right. Below the header, a large banner for 'PROCESS INSTRUMENTATION & CONTROLS' is featured, with a 'LEARN MORE' button. To the left of this banner is a search bar with fields for 'Supplier or brand' and 'Product', and a 'SEARCH' button. Below the search bar is a 'CURRENT EDITION' section showing a 'Silver Anniversary Edition' of the directory. To the right of the search bar is a 'FEATURED SUPPLIERS' section with logos for Intrepid Group, LIT, VEGA, and TWISTER. Below this is a 'Recent News' section with several articles, including 'The 26th Printed Edition is coming!', 'ISA Edmonton Automation Expo & Conference (AEC) coming April 2020', '26th Edition...Now Taking New Bookings and Renewals!', 'Intelligent Rotork actuators improve wireless functionality', 'Welcome!', 'CB Process adds Service to our high quality products', and 'ABB'. At the bottom, there's a 'SIDE BOX AD' section with a 'FITOK' advertisement for 'Block and Bleed Valves' and a 'MUIS CONTROLS LTD.' advertisement for 'Flow Indicators' and 'Flow Meters'. The website also includes a 'TUNDRA Process Solutions Ltd.' advertisement and a 'CB Process' advertisement.

**Book or Renew @ isaalbertadirectory.ca or Call 780.467.6729**