



# PIGGING PRODUCTS & SERVICES ASSOCIATION

*An international trade association serving the pipeline industry*

35th Edition

## Buyers' Guide & Directory of Members

2023 – 2024

Piggings Products and Services Association  
PO Box 30, Kesgrave, Ipswich, Suffolk, IP5 2WY, UK  
Tel: +44 1473 635863  
Email: [ppsa@ppsa-online.com](mailto:ppsa@ppsa-online.com)

[www.ppsa-online.com](http://www.ppsa-online.com)



# PIGGING PRODUCTS & SERVICES ASSOCIATION

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The Piggling Products and Services Association (PPSA) was founded in 1990 by Jim Cordell and has 100 members, from 20 countries representing the piggling industry throughout the world.

The Association is entirely funded by its members through their annual subscription fees. Its aims are, "To promote the knowledge of piggling and its related products and services by providing a channel of communication between the members themselves, and with users and other interested parties".

PPSA plays a major role in providing information and sourcing equipment and services, for pipeline operators and the industry generally and responds to hundreds of enquiries each year.

The PPSA website enables visitors to source the products and services they need quickly and easily and provides a link to PPSA's technical information service.

PPSA runs seminars and training courses on piggling, sponsors lectures and meetings about the subject and supports relevant conferences.

**Full Members** are companies manufacturing or marketing piggling products and services.

**Associate Members** are companies connected with the industry, e.g. operators, suppliers and allied industries.

**Individual Members** are anyone with an interest in piggling.

For further information, technical enquiries, or to find out how to join the Association please contact:

Diane Cordell, Executive Secretary  
Piggling Products and Services Association  
PO Box 30, Kesgrave, Ipswich, Suffolk  
IP5 2WY, UK

E-mail: [ppsa@ppsa-online.com](mailto:ppsa@ppsa-online.com)  
[www.ppsa-online.com](http://www.ppsa-online.com)  
Tel: +44 1473 635863

To receive a complimentary copy of the PPSA Directory please go to  
<https://ppsa-online.com/subscriptions>

## WHY PIG A PIPELINE?

It is generally agreed that a pipeline should be pigged, but the reasons for doing so are not always fully appreciated. This may result in improper pigging programs and/or the use of the wrong type of pig and this could have an adverse effect on the pipeline's operating and maintenance costs.

A pipeline is arguably the most efficient method yet devised for transporting fluids – whether gases or liquids.

Its relative efficiency though, depends upon two fundamental requirements:

1. It must operate continuously.
2. The required throughput must be obtained with the least capital investment and the lowest operating costs.

Utility pigs and In Line Inspection tools ('intelligent/smart pigs') play a major role in both obtaining and maintaining these 'two fundamentals':

1. They help to ensure continuous operation by:
  - removing any substance which might damage the pipeline process systems
  - helping to prevent the formation of corrosion cells
  - providing timely information of any developing problems
  - providing data on any perceived problems to enable informed decisions to be made
  - providing an alternative to shutting down for statutory periodic testing.
2. They help to ensure maximum efficiency by:
  - removing any debris or foreign matter in the line
  - removing any deposits, either liquid or solid, which might otherwise build up and restrict the flow
  - by monitoring the operating and/or physical conditions of the line.

In short, pipeline pigs help to ensure that the pipeline is constructed properly – and that it stays that way.

Pigging is required during each phase in the life of a pipeline, typically:

### **During construction**

- i) Removing debris from the line
- ii) Pressure testing
- iii) Commissioning

### **During operation**

- i) Pipe wall cleaning
- ii) Condensate removal
- iii) Product separation
- iv) Applying inhibitors

### **For inspection**

- i) To check for damage
- ii) To detect corrosion or cracking
- iii) Leak detection
- iv) Sampling
- v) Line cover and spanning

### **For general maintenance and repair**

- i) Corrosion inhibition
- ii) Pre-inspection cleaning
- iii) Decommissioning
- iv) Isolation
- v) Recommissioning

### **During renovation/rehabilitation**

- i) Gel pigging
- ii) Applying in situ coatings
- iii) Chemical cleaning
- iv) Scale removal
- v) Product conversion

### **Decommissioning**

- i) Product removal
- ii) Inerting

Many pipeliners only resort to pigging when a problem becomes apparent and they have no other choice. Often, this is too late. The damage has been done and a multi-million dollar investment is put at risk. Use of the correct type of pig and a proper pigging program will help to maintain the integrity and optimum efficiency of the pipeline; safeguarding both the environment and the assets of the pipeline owner. The PPSA book: "An Introduction to Pipeline Pigging" will provide guidance in this respect, but if in any doubt, contact should be made with a PPSA member company, who will be pleased to advise.



## PPSA's book, "An Introduction to Pipeline Pigging"

### **PRICE:**

£21.00 UK,  
\$40 US elsewhere  
plus P&P

### **CONTACT:**

[ppsa@ppsa-online.com](mailto:ppsa@ppsa-online.com)

# Alphabetic List of Members / Index

<b>FULL MEMBERS</b> .....	<b>5-31</b>	PipeWay Engenharia .....	24
Alchemy Oilfield Services Ltd .....	5	PolyEurope bv .....	24
American Pipeline Solutions, Inc. ....	5	PSI – Pipeline Services International GmbH & Co KG .....	24
Apache Pipeline Products .....	5	PT Berkat Sarana Alam .....	25
Applus RTD .....	6	PT Tri Mulya Gemilang .....	25
ARR Freeflow Private Limited .....	6	PT. Farrel Internusa Pratama .....	25
Athantic Oil Services Ltd .....	6	PT Titian Servis Indonesia .....	25
B.G. Technical Ltd .....	7	RAS Rohrleitungs- und AnlagenService GmbH .....	25
Baker Hughes .....	7	Reinhart Hydrocleaning SA .....	26
CDI .....	7	ROSEN Group .....	26
CEPS a.s. ....	8	Sancus Ltd .....	26
China Petroleum Pipeline Inspection Technologies Co. Ltd .....	8	Shenyang Emt Piping Technology Co., Ltd .....	26
DEXON Technology Public Limited Company PLC .....	8	Shenyang University of Technology .....	27
Drinkwater Products .....	8	Sofield Analytic Pipe Asia SDN BHD .....	27
Elastomeros PVM SAS .....	9	STATS Group .....	27
Enduro Pipeline Services, Inc. ....	9	T. D. Williamson .....	28
EnerMech Ltd .....	10	Topline Limited .....	28
ENTEGRA .....	10	Tracerco Ltd .....	28
Eureka Efektif Sdn Bhd .....	10	Trans Asia .....	29
GD Engineering .....	11	Transpipe Integrity Solutions Middle East, FZE .....	29
Girard Industries .....	11	TRAPIL .....	30
Global Process and Pipeline Services Limited .....	11	VKVC LLP (Vee Kay Vikram & Co. LLP) .....	30
GOTTSBERG Leak Detection GmbH & Co. KG .....	12	VP Engineers .....	30
Growth Avenue Sdn Bhd .....	12	WSG Industrial Services b.v. ....	31
Gulf Petrochemical Services & Trading LLC .....	12	<b>ASSOCIATE MEMBERS</b> .....	<b>31-34</b>
Gyra Industrial Technology (Dongguan) Co., Ltd .....	13	<i>Index of Services</i> .....	31
Halliburton Pipeline & Process Services (HPPS) .....	13	3X Engineering .....	32
IKM Testing AS .....	14	Cottam Brush Ltd .....	32
Inline Services LLC .....	14	Eagle Polymers, LLC .....	32
iNPIPE PRODUCTS™ .....	14	Engineered Power .....	32
Intero Integrity Services BV .....	15	Equinor ASA .....	33
Italmatch Chemicals GB Ltd .....	15	Fiberbuilt® Manufacturing Inc .....	33
Jee Ltd .....	16	Innotech Electronic GmbH .....	33
Kleiss & Co bv .....	16	KOTI-Dawson Ltd .....	33
Knapp Polly Pig Inc .....	16	Osborn GmbH .....	33
Limpro Nacional, SA de CV .....	16	Shell International Ltd .....	34
Middle East Manufacture of Pipe Cleaning Equipment .....	17	STOCKMEIER Urethanes USA, Inc .....	34
Morken Group .....	17	S.N.T.G.N. Transgaz S.A. ....	34
NAFTOSERWIS Sp. z o.o. ....	17	<b>INDIVIDUAL MEMBERS</b> .....	<b>34-35</b>
<b>Chart of Members' Services</b> .....	<b>18-19</b>	Andy Bain .....	34
<b>Key to Chart of Members' Services</b> .....	<b>19a</b>	Dennis Fandrich .....	34
NDT Global .....	20	Marcelino Guedes Gomes .....	34
Online Electronics Ltd .....	20	BJ Lowe .....	35
3P Services GmbH & Co KG .....	20	Steven Ma .....	35
4Pipe Hidropig Engenharia Industrial LTDA .....	21	Aidan O'Donoghue .....	35
Pigs Unlimited International, LLC .....	21	Siavash M. Pirsiavash .....	35
Pigtek Ltd .....	21	Patrick C Porter .....	35
PIPECARE Group .....	22	Richard Espiner .....	35
Pipeline Engineering (Part of Nylacast Group) .....	22	Edward Rubel .....	35
Pipeline Equipment, Inc. ....	22	Dr J Smart .....	35
Pipeline Innovations Ltd .....	22	<b>HONORARY MEMBERS</b> .....	<b>35</b>
Pipeline Pigging Products Inc .....	23	Peter Fretwell .....	35
Pipeline Services LLC (PLS) .....	23	Gill Hornby .....	35
Pipesurvey International CV .....	24	Chris Kershaw .....	35
		Coleman McDonough .....	35
		Gary Smith .....	35

## Alchemy Oilfield Services Ltd

Unit 19D Camiestone Road, Thainstone Business Park,  
Inverurie, Aberdeenshire, AB51 5GT, UK

**Tel:** +44 1467 672100

**E-mail:** sales@alchemy-oil.com

**www:** alchemy-oil.com

Alchemy primarily specialise in gels, gel pigs and sealing materials for offshore and onshore oil industry applications. They provide a range of gels and gel pigs for cleaning, debris removal, dewatering, de-oiling, chemical treatment separation and spool filling for sea-water ingress prevention. Uniquely Alchemy has perfected the manufacture of gels in kit form and biodegradable gel pigs with low and high temperature stability. All products are environmentally friendly and are approved by CEFAS for use in the North Sea.

Alchemy also manufacture and supply high specification sealing products for wellheads, valve and pipeline applications and provide a solution based response to pipeline emergencies for remediation of difficult and sometimes safety critical applications.

## American Pipeline Solutions, Inc

84 A Johnson Avenue, Hackensack, NJ 07601, USA

**Tel:** +1 201 525 0088

**E-mail:** rex@americapipe.com

**www:** americanpipelinesolutions.com

**Contact (PPSA & Sales):** Reginald Murphey

American Pipeline Solutions is based in the Northeast United States and provides precommissioning services for the oil and gas industry. APS's areas of specialisation include pigging, hydrostatic testing (pipe diameters to 48", pressures to 10,000 psi) drying, inline inspection, tracking and M & R station testing and drying.

Additional industries served are power/nuclear, pulp and paper, chemical and the cleaning of highly restricted underground fire systems.

APS offers both turnkey and on a time and material basis as well as consulting. Their rental programs include launchers/receivers, test heads, testing equipment, pig tracking systems including AGMS, test pumps and a full line of foam pigs/drying cylinders for sale.

## Apache Pipeline Products

1575 – 90 Avenue, Edmonton, Alberta, Canada, T6P 0E2

**Tel:** +1 780 416 4850 **Fax:** +1 780 416 4829

**E-mail:** brettmcnabb@apachepipe.com

**www:** apachepipe.com

**Contact (PPSA & Sales):** Brett McNabb

Apache's commitment to quality, service and continual product development provides the industry with "leading edge" technology. Apache Pipeline Products is a major manufacturer of pipeline cleaning and maintenance equipment. The company manufactures a complete range of pipeline cleaners, including foam pigs, mandrel pigs, solid cast urethane pigs and modular all-urethane pigs from 2"-60". Apache also manufactures replacement elements such as discs, scraper cups, conical cups and gauge plates.

The patented pig passage indicator, the Apache "pigPRO™" is also made at the Edmonton, Canada facility and has been designed to install easily on other manufacturers' existing mounts. The units are available with a variety of signals including visual flag/manual reset, electrical/auto reset, or a visual/electrical combination. New to the line of indicators is the Model 67 that incorporates a customized ball valve to allow for safe and simple isolation of the indicator under pipeline pressure for inspection, maintenance or repair. Apache is an ISO 9001:2015 certified facility.



FREE TECHNICAL  
information service

Email: [ppsa@ppsa-online.com](mailto:ppsa@ppsa-online.com)

Use our service to source pigs and pigging equipment and for general advice on the subject.

Our members and technical advisers are on hand to answer your questions about pigging and pipeline integrity.

## Applus RTD

Delftweg 144, 3046 NC Rotterdam, The Netherlands

**Tel:** +31 10 716 6000 **Fax:** +31 10 716 6198

**www.applusrtd.com**

**Contact (PPSA & Sales):** Rob Steenwijk  
rob.steenwijk@applusrtd.com

Applus RTD is a world-wide operating provider of Asset Integrity Services with presence in over 35 countries and has over 4000 employees.

The pipeline division is specialized in internal ultrasonic inspections of "unpiggable" pipelines, municipal heating grids, offshore platform risers, SCRs, casings, etc.

Their inspection tools are self propelled, cable operated ultrasonic crawlers measuring internal and external corrosion, remaining wall thickness, geometrical deviations etcetera. Optionally tools can provide 3D routing data.

The Inspection range is for 4" to 60" and lengths up to 17km, providing full circumferential coverage with fixed/rotating transducer head configurations.

Tailor-made pipeline inspection solutions adapted to local circumstances can be developed by in-house R&D.

Additionally technical services on pipeline integrity, reliability and safety can be provided.

## ARR Freeflow Private Limited

No. 92, Spring Blossom, Near Sathyam Grand Hotel, Sriperumbudur, Tamil Nadu, Kanchipuram District – 602105, India

**Tel:** +91 44 27162021 **Tel:** +91 7395994921

**E-mail:** marketing@arrfreeflow.com

**www.arrfreeflow.com**

**Contact (PPSA & Sales):** Mr Sasidharan. S

The company ARR was established on 12 November 2021 as a manufacturing unit. It provides its clients with a comprehensive service and supply of pipeline-cleaning pigs and accessories, pigging systems, and mining and mineral processing and polyurethane products and services.

ARR is a member of the following organizations: PPSA – Pigging Products & Services Association; PMA – Polyurethane Manufacturers Association (USA); RCMC – Plastics Export Promotion Council; REX – Registered Exporter for European countries

The System of company management is certified according to: ISO 9001:2015 Quality Management System;

ISO 14001:2015 Environmental Management System; ISO 45001:2018 OHS Management System

Other Certifications: Startup India – Recognised as Startup by DIPP; MSME – ZED certificate; CRTM – Certification of registration of Trademark; UDYAM and NSIC – Certificate

Services and products: ARR offers integrated, cost-effective, and efficient pipeline cleaning pigs and pipeline pigging services. With maximum flexibility, they commit to providing solutions that meet the requirements of their customers.

They supply all types of pipeline cleaning pigs like poly or foam pigs, solid cast pigs, mandrel pigs, gauging pigs, magnetic pigs, PU hydro cyclones, PU Apex, PU screen mesh, PU stator & rotor, and all other custom polyurethane products.

In all their activities, they pay great attention to quality, safety, and environmental protection.

## Athantic Oil Services Ltd

1-3 Ken Ifeatu Obi Street, Opp Kaana Filling Station, Umuogodo, Igbo-Etche, Rivers State, Nigeria

**Tel:** +234 813 000 0309

**E-mail:** info@athanticoil.com

**www.athanticoil.com**

**Contact (PPSA):** Kenneth Ifeatu Obi  
ken.obi@athanticoil.com

**Contact (Sales):** Clement Aburu

Athantic Oil Services Limited (AOSL) was incorporated in 1999, offering diverse asset integrity management services ranging from pipeline inspection and integrity management, non-destructive testing, pipeline commissioning and decommissioning, pipeline cleaning and pigging, fabrication, maintenance services, manpower supply, procurement, pipeline coating and training.

Athantic Oil Services Limited, through its high and dynamic project management team, is strategically poised to meet, exceed and sustain the expectation of its clients, technical partners and the quest to set unequaled standards in Nigeria and her environs in their chosen field, through quality service, prompt response to inquiries, and compliant with company/statutory regulations.

Athantic Oil Services Limited also has a relationship with 3P Services GmbH & Co. KG in Germany and EnviroCal in the USA.

## B.G. Technical Ltd

149 Trans Amadi Ind. Lay Out, (Opposite Michelin), Port Harcourt, Nigeria

**Tel:** +234 803 548 0025 **Fax:** +234 84-238647

**E-mail:** bgtsales@bgtechnical.com

**E-mail:** Stewart.l@bgtechnical.com

**Contact (PPSA & Sales):** Stewart Logan

### B.G. Technical Ltd

No 8, 29th Street, DDPA (Bendel Estate), Ugborikoko Effurun, P O Box 1920, Warri, Nigeria

### B.G. Technical Inc

12808 West Airport Blvd, #250 Sugar Land, Texas 77478, USA,

Mail: BGT Inc, PO Box 1867, Sugar Land, Texas 77487, USA

**Tel:** +1 281 240 1030 **Fax:** +1 281 240 1044

B.G. Technical Limited (BGT) is a leading pipeline service company with significant activity in Africa. Areas of specialization are pigging services; project design and execution, inline inspection service; MFL, Caliper and Impact logger, pipeline commissioning, drying, and nitrogen packing. Other services are chemical cleaning, on-line cleaning in gas pipelines using high volume separators, chemical de-scaling of heat exchangers, HVAC systems, valve servicing/maintenance and supply of launchers/receivers, barrel doors and the like. BGT designs and installs valve interlocking systems for process control and also tamper prevention systems for facility and remote location protection.

A subsidiary company, PPA manufactures various types of pipeline pigs; foam, mandrel, polyurethane systems, and supplies pigging accessories.

## Baker Hughes

### Global Headquarters

Pipeline Pre-Commissioning and Maintenance, 4101 Oates Road, Houston, Texas, 77013, USA

**Tel:** +1 832 519 2000

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

### Pipeline Inspection

Atley Way, Cramlington, Northumberland, NE23 1WW, UK

**Tel:** +44 191 247 3200 **Fax:** +44 191 247 3101

### For student opportunities

<https://careers.bakerhughes.com/global/en/early-careers>

### Quest Integrity

10750 Cash Road, Stafford, Texas 77477, USA

**Tel:** +1 832 500 1000 **Fax:** +1 832 500 1019

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

**Contact (Sales):** Ron Maurier

[R.Maurier@QuestIntegrity.com](mailto:R.Maurier@QuestIntegrity.com)

**Contact (Sales):** Chris Shopoff

[C.Shopoff@QuestIntegrity.com](mailto:C.Shopoff@QuestIntegrity.com)

**Contact (Sales):** Christian Openshaw

[C.Openshaw@QuestIntegrity.com](mailto:C.Openshaw@QuestIntegrity.com)

Baker Hughes is an energy technology company that provides solutions for energy and industrial customers worldwide. Built on a century of experience and conducting business in over 120 countries, their innovative technologies and services are taking energy forward – making it safer, cleaner and more efficient for people and the planet.

Baker Hughes, Process & Pipeline Services (PPS) brings together a unique portfolio of: – pipeline pre-commissioning and maintenance: line integrity validation, cleaning and drying; – pipeline inspection and integrity services: advanced inspection technologies (mechanical damage, metal loss, crack detection, mapping surveys), integrity engineering and data management software to drive enhanced pipeline safety; – Quest Integrity asset integrity and reliability management solutions, including Invista™ for “difficult-to-inspect” pipelines.

## CDI

1801 N. Juniper Avenue, Broken Arrow, Oklahoma 74012, USA

**Tel:** +1 918 258 6068 **Fax:** +1 918 251 9851

**E-mail:** [sales@pigging.com](mailto:sales@pigging.com)

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

[www.globaltrack.info](http://www.globaltrack.info)

**Contact (PPSA & Sales):** Eric Farqué, Owner/  
Vice President of Sales

**Contact:** Michelle Greer, Sales/Marketing Coordinator

CDI is the foremost leader in pipeline pig tracking, signaling, and communications technology. Always focused on innovative engineering, their in-house manufacturing produces technologically advanced equipment used in the oil and gas industry as well as water treatment and utility service companies. CDI introduces the NEW GlobalTrack Cloud-Based Tracking System and the QUBE Cellular AGM. Also new is the PigAlert Cellular Pig Passage Notification System, which sends detailed passage alerts via text message to your cellular phone.

UL/CSA, ATEX/IECEX, UKCA certified, CDI has pigging equipment appropriate for any area of the world whether it be onshore, offshore, or subsea. Quality, durability, and safety are the focus. On-time delivery and exceptional service is the goal of every CDI associate. ISO 9001:2015 Certified.

## CEPS a.s.

Belnická 628, 252 42 Jesenice, Czech Republic

**Tel:** +420 241 021 511 **Fax:** +420 241 021 512

**E-mail:** [ceps@ceps-as.cz](mailto:ceps@ceps-as.cz)

[www.ceps-as.cz](http://www.ceps-as.cz)

**Contact (PPSA):** Dr. Ing Petr Crha, President

**Contact (Sales):** Filip Tesar, Sales Director

CEPS a.s pipeline services and pipeline integrity services experience on high pressure steel pipelines ranges from mechanical and chemical cleaning with proprietary formula cleaning agents, hydrostatic testing with liquids or gaseous mediums, pipeline drying with superdry air or vacuum, nitrogen services, leak detection, manufacturing and installation of repair sleeves and other. CEPS also provides off-line internal inspection of pipeline – propelling of ultrasonic, MFL, TFI and any other inspection tool through the pipeline when the flow of transported medium is insufficient or medium is not available. Their services cover all stages of pipeline life from pre-commissioning and commissioning through regular operational services, integrity revalidation, upgrading, extending the pipeline lifetime, repair and rehabilitation up to pipeline de-commissioning and abandonment.

## China Petroleum Pipeline Inspection Technologies Co. Ltd

No 166, Aimin East Road, Langfang City, Hebei Province, P.R. China

**Tel:** +86 316 2073065 **Fax:** +86 316 2077274

**E-mail:** [cppinspection@cnpc.com.cn](mailto:cppinspection@cnpc.com.cn)

[www.cnpc.com.cn/gdj/cyqy/jsfwdw/jiance/gsjj.htm](http://www.cnpc.com.cn/gdj/cyqy/jsfwdw/jiance/gsjj.htm)

**Contact (PPSA & Sales):** Xiao Yingjie

Founded in 1992, CPPI provides a full range of pipeline services world-wide. They include: pipeline cleaning, inline intelligent pigging (geometry/deformation, mapping, metal loss/corrosion) and fitness for purpose evaluations. CPPI employs specialists in pipeline operation, data analysis and integrity to serve all of its customers and to provide effective and efficient operations.

## DEXON Technology Public Limited Company PLC

78/4-5 Moo 6, Sukhumvit Road, Ban Chang, Rayong, 21130, Thailand

**Tel:** +66 (0) 33 012 484-7 ext. 143

**E-mail:** [sid.johnstone@dexon-technology.com](mailto:sid.johnstone@dexon-technology.com)

[www.dexon-technology.com](http://www.dexon-technology.com)

**Contact (PPSA & Sales):** Sid Johnstone

DEXON Technology is a leading global asset integrity management, intelligent in-line inspection, and advanced NDT service provider. Offering ultrasonic, magnetic flux leakage, and caliper in-line inspection technologies. The latest addition to the DEXON ILI Fleet is the HAWK CS Crack Detection and Sizing System.

Headquartered in Rayong Thailand, DEXON offers increased pipeline performance and reduced maintenance costs with a full suite of services from in-line inspection (ILI) through to risk-based inspection (RBI) regimes and fitness for service (FFS) evaluations. By tailoring specific solutions to meet project needs, offering a cost-effective solution to ensuring optimized pipeline performance.

With over 20 years of experience, DEXON specializes in challenging or “unpiggable” pipeline inspection. A 6-acre onsite test yard offers client pipeline replication and inspection verification and validation as well as a research development and engineering department that offers customized tool design, prototyping, and testing to meet client inspection requirements.

## Drinkwater Products

10789 HWY 182, Franklin, LA 70538, USA

**Tel:** TOLL FREE +1 800-515-7078

**Tel:** +1 337-828-0177 **Fax:** +1 337-828-5999

**E-mail:** [Sales@DrinkwaterProducts.com](mailto:Sales@DrinkwaterProducts.com)

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

**Contact (PPSA & Sales):** Jon Eenigenburg

[Jon@DrinkwaterProducts.com](mailto:Jon@DrinkwaterProducts.com)

[Craig@DrinkwaterProducts.com](mailto:Craig@DrinkwaterProducts.com)

11705 Peninsula Park Dr., Bakersfield, CA 93311, USA

**Tel:** Toll Free: +1 800-515-7078

**Tel:** +1 661-381-6761

**E-mail:** [Tod@DrinkwaterProducts.com](mailto:Tod@DrinkwaterProducts.com)

Drinkwater Products is a distributor for pipeline pigs and pigging equipment. They are located in Franklin, Louisiana and have been in the pigging business for more than 25 years. They offer a wide range of pigging



products, consulting services and have the capability to custom design pigs for a variety of unique applications. Drinkwater Products works closely with several manufacturers ensuring that their customers have the best options available for his/her particular pipeline pigging needs.

## Elastomeros PVM SAS

CL 20 # 69B -35, Zona Industrial Montevideo Bogota – Colombia

**Tel:** +57 60 1 4192400

**Mobile:** +57 3108165757 **Mobile:** +57 3007034655

**E-mail:** [ventas@pvmsas.com](mailto:ventas@pvmsas.com)

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

**Contact (PPSA & Sales):** Paul Vargas Moreno, CEO

PVM SAS, is a Latin American engineering company located in Colombia, with more than 35 years of experience in technological applications for the manufacture and transformation of products for the maintenance and internal cleaning of pipelines (LID).

PVM SAS within its portfolio of solutions to the industry offers:

Cleaning and internal integrity of pipelines: manufacture of cleaning, calibration, displacement and separation, double diameter, collection, drying, flexible compact, foam scrapers, parts and accessories.

Manufacture of sealing equipment for maintenance and repair of pipelines.

Manufacture of external integrity solutions for pipelines: (H-frame, rollers and supports), seals and insulators in rubber and plastic wall bushings, complementary products in the construction stage of pipelines and fluid transport or transfer lines.

In the provision of services PVM SAS performs pigging consulting, simulation and CFD in pipelines, service and support for location and tracking, training and maintenance and storage of pigs.

PVM SAS manufactures its products under quality standards ISO 9001:2015, ISO14001:2015 RUC ISO 45001:2018.

All their products are manufactured under the brand URELAST PIPELINE SERVICES and their slogan "We work from the inside".

## Enduro Pipeline Services, Inc

5002 S. 45th W. Ave, Tulsa, OK 74107, USA

**Tel:** +1 918-446-1934 **Fax:** +1 918-446-8125

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

**Contact (PPSA & Sales):** J. R. Morgan  
[jrm@enduropls.com](mailto:jrm@enduropls.com)

**Contact (PPSA):** Angela Morgan  
[angelam@enduropls.com](mailto:angelam@enduropls.com)

### Enduro Canada Pipeline Services, Inc.

7391-107 Avenue SE Calgary, Alberta, Canada, T2C-5N6

**Tel:** +1 403-207-7239 **Fax:** +1 403-207-7253

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

**Contact (PPSA & Sales):** J. R. Morgan  
[jrm@enduropls.com](mailto:jrm@enduropls.com)

**Contact (PPSA):** Angela Morgan  
[angelam@enduropls.com](mailto:angelam@enduropls.com)

Enduro Pipeline Services corporate headquarters is located in Tulsa, Oklahoma, USA with additional facilities in Canada. Enduro provides in-line-inspection services, cleaning pigs, tracking equipment, pig passage indicators, tracking and project management services to the pipeline industry.

ILI Services include MFL Multiple Technology tool surveys ranging in pipe sizes 4" through 36". Caliper / Geometry Survey tools ranging 4" through 48" pipe sizes. Enduro also manufactures Pipeline Pigs pipe sizes 2" through 60" in diameter used for cleaning, purging, batching, filling, dewatering, drying and other related applications for on stream and new construction applications. Dual Diameter and Multi-Diameter Pigs, Chemical Cleaning Services, Tracking Services, plus Technical Assistance is offered by Enduro's experienced staff.

**Attend the  
next PPSA Seminar  
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## EnerMech Ltd

EnerMech House, Howes Road, Aberdeen, AB16 7AG, UK

**Tel:** +44 1224 723300

**E-mail:** ahazell@enermech.com

**www.enermech.com**

**Contact:** Alison Hazell

EnerMech is a Specialist Service Company delivering integrated solutions for complex energy and infrastructure projects. Delivering value to their customers by combining experts, equipment, and technology across the entire asset lifecycle. Their empowered experts are here to connect the dots, working closely with you in key locations across the globe, listen intently, respond intelligently and provide bespoke, critical and seamless solutions to take your project forward in the most efficient, cost-effective way. They help you drive efficiencies across commercial, technical and safety while delivering a wide range of specialist services, bundled or as an integrated package. Working side by side with you at every step, they establish long-lasting relationships and a highly collaborative approach to deliver safer, smarter solutions.

## ENTEGR

### Indiana, United States

6159 W. 80th St., Indianapolis IN 46278, USA

**E-mail:** contactus@entegrasolutions.com

**www.entegrasolutions.com**

**Contact (Global Sales):** Thom Rowe  
trowe@entegrasolutions.com  
Mobile: +1 281-904-1616

### Global Technology Center

Toronto, Canada

### Operations Facility

Edmonton, Canada

### Operations Facility

London, United Kingdom

### Operations Hub

Texas, United States

ENTEGR is a global provider of Ultra-High-Resolution (UHR) In-Line Inspection (ILI) Systems, specializing in Magnetic Flux Leakage (MFL) and Caliper (CAL) combination ILI services, and Cathodic Protection Current Mapping (CPCM) technologies and services.

Known for having a deep-rooted and experienced staff, ENTEGR services the global pipeline industry with a fleet of tethered and free-swimming MFL/CAL/IMU tools ranging from 3 inch through 36 inch, and a fleet of CPCM/

IMU tools that range from 6 inch through 24 inch. The modern mechanical and electrical designs of their tools enable them to build them shorter and lighter, thus reducing drag and increasing overall collapsibility and data quality. All of ENTEGRA's tool fleets have identical sensor spacing and sampling rates making all tools capable of collecting data in 4X the resolution of standard High-Resolution tools on the market. ENTEGRA's system, combining UHR tools, its CPCM platform and its team of data analysts and support professionals, is setting the bar for first run success, increased throughput, reduced cost, risk mitigation and ROI.

With multiple locations throughout the US, Canada, and Europe, ENTEGRA partners with pipeline operators and owners, worldwide, to help sustain and improve the integrity of pipelines with industry leading technology and In-Line Inspection Systems.

## Eureka Efektif Sdn Bhd

Block Heliks-Emas B6-3, UKM-MTDC Technology Centre, Universiti Kebangsaan Malaysia, 43650 Bangi, Selangor, Malaysia

**Tel:** +603 8928 9442 **Fax:** +603 8928 9443

**E-mail:** info@eurekaefektif.com

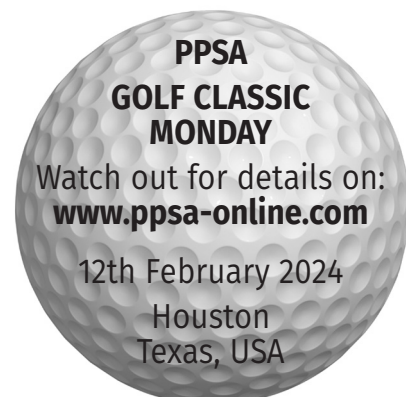
**www.eurekaefektif.com**

**Contact (PPSA & Sales):** Noor Mohd Shah Abu Bakar

Technical know-how and years of experience running cleaning pigs become the pillar of Eureka Efektif's pipeline pigging solution. With an experienced team and advanced machinery technology, they design, develop, test and produce the solution that will most benefit their client.

Their commitment is to provide total customer satisfaction by delivering superior quality products within the specified time. This is possible by having QA/QC process which is in line with ISO9001:2008 Standard.

They believe after sales service of a product is crucially important and they aim to have a long-term relationship with their customers by providing excellent customer experience.



## GD Engineering

Retford Road, Worksop, Nottinghamshire S80 2PY, UK

**Tel:** +44 1909 482323 **Fax:** +44 1909 477902

**E-mail:** gd@celerosft.com

**www.celerosft.com**

**Contact (PPSA & Sales):** Carla Connolly  
Tel: +44 1909 535011  
carla.connolly@celerosft.com  
Mobile: +44 7714 287 277

GD Engineering, a Celeros Flow Technology Brand, is a market leader in the design and manufacture of Pressure Vessel and Pipeline Access Solutions to the oil, gas and process industries.

Their Bandlock™ 2 Closure range provides speed of operation with safety benefits. Used on process vessels e.g. pig traps and filters, size range to 100" diameter, pressures to ASME #2500, with standard butt weld or integral flanged connections.

GD Engineering also supplies very high temperature quick opening closures suitable for pressures up to 1480 psig at 327°C (620°F) using advanced sealing materials.

The Hi-T intrusive and non-intrusive Magalert/Ultralert pig signalers provide reliable pig/sphere passage indication.

Automated multiple pig launchers allow remote multiple pig launching without depressurisation, GD Engineering has available technology to support this application.

The company's quality system is approved to ISO 9001:2015.

## Girard Industries

6531 N Eldridge Pkwy, Houston, Texas 77041, USA

**Tel:** +1 713 466 3100 **Fax:** +1 713 466 8050

**E-mail:** sales@girardind.com

**www.girardindustries.com**

**Contact (PPSA):** David Henry

**Contact (Sales):** Michael Henry

### Girard Industries Europe Ltd

Unit 4, Riverside Place, Paddockholm Industrial Estate, Kilbirnie KA25 7JW, UK

**Tel:** +44 1505 684885 **Fax:** +44 1505 685424

**Contact:** John Simpson  
jsimpson@girardeurope.com

For over 50 years Girard Industries has manufactured high quality pipeline cleaning pigs with unmatched customer service. Girard manufactures the full range of pipeline pigs, including polly-pigs (foam pigs), steel

mandrels, solid cast polyurethane, and polyurethane spheres (balls) for both pipeline and meter proving applications. Girard also manufactures replacement cups, discs and other urethane wear parts to fit most pigs on the market.

For those applications requiring rubber, Girard supplies Neoprene and Nitrile spheres, cups and discs.

Girard also supplies Hi-T Pigalerts, intrusive and non-intrusive pig detectors, pig tracking equipment, geophones and other related equipment.

Whether you are cleaning, batching, gauging, coating, proving, tracking, testing, or pushing liquids, there is a Girard pig that will work for you.

## Global Process and Pipeline Services Limited

Plot 7, Eastern Bye-pass way, Old GRA Extension, Port Harcourt, Nigeria

**Tel:** +234 84 300 668

**E-mail:** info@gppsl.com

**www.gppsl.com**

**Contact (PPSA):** Obi Uzu

**Contact (Sales):** Chris Onyemaizu

Global Process & Pipeline Services Limited (GPPSL) is a service company strategically set up to provide pipeline solutions to its customers through detailed engineering and development of fit-for-purpose solutions, while reducing customer OPEX waste and increasing efficiency.

GPPS specializes in full pipeline pre-commissioning (flooding, cleaning, gauging, hydrotesting, pipeline dewatering, drying, and nitrogen services) as well as specialized in-line inspection services and crude oil tank and vessel cleaning. GPPS work on flange management and bolting services, as well as the pre-commissioning of subsea umbilical risers and flowlines.

GPPS have built an impressive track record of success over the years, and made significant investments in pipeline, nitrogen-specific, vessel/tank cleaning, and specialized equipment.

GPPS currently owns and operates the largest inventory of brand-new fluid pumping, air and nitrogen equipment in Nigeria-West Africa

## GOTTSBERG Leak Detection GmbH & Co. KG

Am Knick 20, 22113 Oststeinbek, Germany

**Tel:** +49 40 71 48 66 99

**E-mail:** info@leak-detection.de

**www:** leak-detection.de

**Contact (PPSA & Sales):** Stephan With

**Contact (Sales):** Rene Landstorfer

GOTTSBERG Leak Detection GmbH & Co. KG located in Hamburg, Germany is a family owned developer and manufacturer providing a technical leading ultrasonic leak detection pig for pipelines to identify and locate even the smallest defects or illegal tapping spots. Their aim is to provide affordable state of the art technology that is easy to handle and absolutely reliable in performance for sales market as well as leak detection services.

The intelligent pigs are approved for ATEX Zone 0 (Class 1 Div. 1), which means that no regulations concerning explosive atmospheres must be fulfilled. With its specialists GOTTSBERG Leak Detection can look back on nearly 40 years of experience in the field of pipeline integrity.

## Growth Avenue Sdn Bhd

Wisma Growth Avenue, Lot No 2, Jalan U3/41, Off Jalan Lira, Crossvent Subang, 40100 Shah Alam, Selangor, Malaysia

**Tel:** +603 - 78321548 **Fax:** +603 - 78322548

**E-mail:** ridzuan@growthavenue.com.my

**www:** growthavenue.com.my

**Contact (PPSA & Sales):** Mohamed Ridzuan B Mohamed Abd Salam

Established in 2004, Growth Avenue Sdn Bhd (GASB) has built a solid reputation for themselves in the oil and gas industry. With various scopes being offered for the industry, one of their major scopes is the in-line inspection (ILI) as part of the integrity management for pipeline. They have inspected over 10,000 kms of length within Malaysia and some other parts of the Southeast Asian region.

From their outstanding performance and consistent quality of inspection, they have expanded their R&D scope to further enhance the existing technology to jointly produce the Enhanced MFL (EMFL). GASB had further ventured into developing the Robotic ILI for unpiggable pipelines. This is one of the first in the world of its kind. GASB is also the only local company that been awarded for the PANMALAYSIA In-Line Inspection, to serve not only PETRONAS, but also various reputable clients such as Shell, KPOC and PTTEP.

## Gulf Petrochemical Services & Trading LLC

Post Box 1633, Postal Code 114, Jibroo, Sultanate of Oman

**Tel:** + 968 24392900 **Fax:** + 968 24489446

**E-mail:** gpsoman@omantel.net.om

**www:** gpsoman.com

**Contact (PPSA):** Alex Valloor

Tel: +968 99369778

alex@gpsoman.com

**Contact (Sales and Procurement):** Rakesh Ganjoo

sap@gpsoman.com

**Contact (Technical Sales):** Umesh Yadav

yadav@gpsoman.com

Gulf Petrochemical Services & Trading L.L.C (GPS) is a leading Omani Contracting and Trading Company with active participation in Oman's Hydrocarbon, Petrochemical and Energy Sector industries since 1983.

Core business operations of GPS are as follows: – Engineering, Procurement and Construction (EPC) Contracting (Civil, Mechanical, Electrical, Instrumentation & Structural) for Hydrocarbon and Process Industries; – Engineering, Procurement and Construction of Water and Wastewater Networks, Pumping Systems, Energy Distribution and related Facilities; – Construction Services in Civil, Mechanical, Electrical & Instrumentation categories; – Construction of Oil and Gas Pipelines, Storage and Handling Facilities; – Long -term Service Contracts for Planned and Routine Maintenance and Integrity Management Services & EPC Call Off Services for Oil and Gas Production, Transportation, Storage, Process and Handling Facilities; – Specialist activities such as Pre-Commissioning, Commissioning, Design, Installation and Monitoring of Cathodic Protection Systems; – Technical Representation and Trading of specialist products for the Oil, Gas and Energy Sector industries.

The Company is currently rated as one of the leading EPC Contractors in the Sultanate of Oman with business interests spread across GCC member Countries.



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## Gyra Industrial Technology (Dongguan) Co., Ltd

Room 3105, Buliding 2, MingZhu Plaza, No.293 Changqing South Road, Chang'an Town, Dongguan City, Guangdong Province, China

**Tel:** +86 0769-8218 7878

**E-mail:** samyip@gyra.cn

**www.gyra.cn**

**Contact (PPSA & Sales):** YePeishan (Sam)

GYRA is a provider of pipeline integrity services consisting of inspection, evaluation and repair. They implement the latest sensor technology for magnetic flux leakage (MFL pig), geometry (caliper pig) and ultrasound (UT pig).

At Gyra, they aspire to be a technology leader in the pipeline integrity industry. They have their dedicated R&D to deliver the best equipment. They are committed to finding innovative solutions to their challenges and serve their clients which are their top priority and becoming a preferred partner of choice.

In the field, they have a team with extensive field experience ready to mobilize anywhere internationally. Their engineering team studies customer requirements, evaluates application types and provides solutions for all types of oil and gas pipelines.

## Halliburton Pipeline & Process Services (HPPS)

Dee Facility, Howe Moss Avenue, Dyce, Aberdeen, AB21 0GN, UK

**www.halliburton.com/en/production/pre-commissioning-maintenance/pipeline-services**

**Contact (PPSA):** Iain Shepherd

[iain.shepherd@halliburton.com](mailto:iain.shepherd@halliburton.com)

Tel: +44 7770 478154

**Contact (Sales):** Graham McArthur

Tel: +44 7825 662673

[graham.mcarthur@halliburton.com](mailto:graham.mcarthur@halliburton.com)

### USA

3000 N Sam Houston Pkwy E, Plaza 1, Houston, TX 77032, USA

**Tel:** +1 713 2894903

**E-mail:** [kyle.ruzick@halliburton.com](mailto:kyle.ruzick@halliburton.com)

**Contact (Sales):** Kyle Ruzick

### Middle East, North Africa, Asia Pacific

CitiBank Tower Al-Qutayat Street, Dubai, UAE

**Contact (Sales):** Pedro Nel Guio Para

Tel: +974 3303 1750

[pedronel.guioarra@halliburton.com](mailto:pedronel.guioarra@halliburton.com)

Halliburton Pipeline and Process Services deliver engineered technical solutions from pre-com to de-com to maximise efficiency and integrity of their customers' assets.

HPPS operates globally in the midstream and downstream sectors, providing a full range of precommissioning, maintenance, and decommissioning services across the asset life cycle – along with extensive capabilities for complex projects that might be onshore, offshore, in deepwater, remote, or harsh environments

Services include: flooding, cleaning, gauging, dewatering, drying, conditioning, pipeline inspection, mechanical and gel pigging, flushing, hydrotesting and nitrogen testing.

Additional specialist services include subsea pigging and hydrotesting using our Phorcys™ systems, debris and blockage analysis using our InnerVue™ non-intrusive diagnostic technology.

Halliburton also provide nitrogen inerting, helium leak detection, bolt torqueing and tensioning, flange management, on-site machining, pipefreezing, video inspection, umbilical testing and flushing, electrical and fibre optic cable testing, and a variety of engineering, analysis, equipment and pumping services.

### Managing Pipeline Threats

**470 pages, hard cover  
ebook also available**

Occurrence, detection, and mitigation of major threats to pipeline integrity, from manufacturing, corrosion and cracking to mechanical damage and illegal tapping



[www.clarion.org](http://www.clarion.org)

## **IKM Testing AS**

Ljosheimvegen 14, 4051 Sola, Norway

**Tel:** +47 5164 9000

**E-mail:** IKMtesting@IKM.no

**www:** ikm.no

**Contact (PPSA & Sales):** Christopher Sundvor  
Christopher.Sundvor@IKM.no

**Contact (Sales):** Ørjan Skjerahaug  
Orjan.Skjerahaug@IKM.no

### **IKM Testing UK Ltd**

Peregrine Road, Westhill, Aberdeenshire,  
AB32 6JL, UK

**Tel:** +44 1224 725599

**E-mail:** IKMProposals@uk.IKM.com

**Contact:** Stuart Reid

IKM Testing with its approx. 1000 employees is a part of the IKM Group which has 2400 employees. The head office is located in Stavanger, Norway with subsidiaries in the United Kingdom (Newcastle and Aberdeen), Canada (St. John's and Halifax and Alberta), Australia (Perth), Singapore, Indonesia (Batam), Malaysia (Kuala Lumpur), Thailand (Rayong), Poland (Gdansk), Brazil (Rio de Janeiro and Serra) and Korea (Busan). IKM has been involved in on-/offshore development projects since 1989.

IKM Testing performs all services related to pre-commissioning, commissioning and decommissioning of pipeline systems, including maintenance of existing pipes and pressure systems. They work actively together with their clients to find optimal technical solutions, accommodating efficiency, environment and economy. IKM Testing also performs FEED studies in the design phase of subsea development projects.

IKM Testing has a certified Quality Assurance system in accordance with ISO 9001:2015, OHSAS 18001:2007 and ISO 14001:2015.

## **Inline Services LLC**

27731 Commercial Park Rd, Tomball, Texas 77375, USA

**Tel:** +1 281 401 8142 **Fax:** +1 281 401 8147

**Toll Free:** +1 888 973 0079

**E-mail:** sales@inlineservices.com

**www:** inlineservices.com

**Contact (PPSA):** Phil Morrison, CEO

**Contact (Sales):** Jessica Nichols

Inline specializes in Intelligent Pipeline Cleaning products for pipeline maintenance and carries one of the largest inventories of poly foam, foam disc, urethane and mandrel pigs to offer fast delivery on any style and quantity. They also carry electronic tracking equipment

including receivers, geophones, and transmitters.

Inline offers a fleet of 1.5D capable Speed Control Pigs for high velocity pipelines that can maintain optimal cleaning speeds of 6 to 10 mph within a gas flow velocity of up to 33 mph.

Inline also provides complete Process Pigging Systems, components and packages for both industrial and sanitary applications, as well as Pipeline Intervention Services including Hot Tapping, Line Plugging, Pipe Freezing, Equipment Maintenance and Operator Training & Qualification.

## **iNPIPE PRODUCTS™**

Gatherley Road, Brompton on Swale, Richmond, North Yorkshire, DL10 7JH, UK

**Tel:** +44 1748 813270 **Fax:** +44 1748 813454

**E-mail:** sales@inpipeproducts.co.uk

**www:** inpipeproducts.com

**Contact (PPSA):** Simon Bell (Managing Director)

**Contact:** Peter Fretwell (Pigging Consultant)

### **Aberdeen Service Centre**

Minto Road, Altens Industrial Estate, Aberdeen AB12 3LU, UK

**Contact:** Barry Ritchie (General Manager)  
barry.ritchie@inpipeproducts.co.uk

iNPIPE PRODUCTS™ is an acknowledged world leader in the design, manufacture, supply and hire/rental of pipeline pigging, maintenance, isolation and testing products for 35 years.

The company engineers a comprehensive range of standard and bespoke products including foam and metal bodied pigs, cup pigs, bi-directional cleaning / gauging pigs, pig handling equipment, isolation tools, spheres, pig signallers, pig tracking, pig diverters, pig launchers and receivers as well as reliable and cost effective engineered solutions to meet specific client project requirements.

iNPIPE PRODUCTS™ Aberdeen Service Centre provides engineering support and pigging maintenance services for the UKCS pipeline operators, covering pig refurbishment, pigging assessment, pigging tool management and spares.

iNPIPE HIRE™ offers one of the largest worldwide hire fleets of isolation tools, high pressure plugs and internal and flange type weld testers up to 56". The company has an extensive range of simple, easy to use tools for pipeline testing and isolation which provide a priceless solution.

iNPIPE PRODUCTS™ holds ISO 9001, ISO 45001 and 14001 Certification.

## Intero Integrity Services BV

Steenoven 2-6, 4196 HG Tricht, P.O. Box 151, 4190 CD Geldermalsen, Netherlands

**Tel:** +31 345 228 600

**E-mail:** info@intero-integrity.com

**www:** intero-integrity.com

**Contact:** Rienk de Vries, CEO

**Contact (PPSA & Sales):** Edwin Rosier, Sales Manager  
Inspection Services

Intero Integrity provides a complete range of integrated solutions to the oil, gas and petrochemical industries around the world. Through their Pipeline, Inspection, Storage Tank, Industrial and Environmental Service lines, Intero Integrity assists you in every step of your plant operation, from design and ongoing maintenance to end-of-life, to assure maximum plant integrity and sustainable operation.

Intero Integrity Services BV is based in the Netherlands and serves pigging and inspection projects all over the world through its offices in: United States, Canada, Brazil, United Arab Emirates, Saudi Arabia, Malaysia, Australia, China, Germany, Romania, France, Italy, Spain and Serbia.

**Inspection Services:** provides in-line inspection of unpiggable pipelines and furnaces including quick scans, defect assessments, pre-engineering, project management, mechanical works and (mechanical or chemical) cleaning, gauging, calliper runs, UT and MFL inspections (free-swimming and crawler), FFS reporting, Remaining Life Assessment, CGA analyses, XYZ mapping (incl DGPS measurement), Depth of Cover calculations and PRIMS consulting.

**Pipeline Services:** includes engineering and construction services, pre-, re-, de- and commissioning services, maintenance and operating services and decontamination and (chemical) pipeline cleaning services.

**Industrial Services:** offers nitrogen-related services including reactor cooling, nitrogen or helium leak detection, system purging, furnace decoking and chemical cleaning.

**Tank Services:** offers integrated tank storage services including sludge profiling, ATEX-0 online robotic tank bottom inspection, external critical zone inspection and foam/nitrogen inerting.

**Environmental Services:** offers environmental services specializing in emission management and pipeline integrity programs.

## Italmatch Chemicals GB Ltd

Units 5-7 Technology Centre, Aberdeen Energy Park, Claymore Drive, AB23 8GD, UK

**Tel:** +44 1358 724361

**E-mail:** adam.brown@italmatch.com

**www:** aubingroup.com

**Contact (PPSA & Sales):** Adam Brown

Mobile: +44 773 861 3943

Italmatch Chemicals, suppliers of the Aubin® Pipeline product range, are market leaders in novel pipeline chemical technologies for use in traditional oil and gas pipelines as well as the broader energy sector and wherever fluids are transferred.

They offer a full range of pipeline gels and innovative pigging materials that can provide improved efficiency and benefits over traditional pigging as well as opportunities to pig lines considered non-piggable; whether due to lack of dedicated launch/receivers, geometry, or pipeline construction. Aubin® EVO-Pigs are made of non-compressible, deformable materials capable of being launched and received without conventional facilities and in lines of multiple-diameter, with internal diameter changes of up to 50%.

Applications supported include cleaning, de-oiling, de-watering, debris removal, chemical train separation and batching, and spool filling.

The environment and sustainability are a key priority for Italmatch with supported products registered with CEFAS in the North Sea.



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## Jee Ltd

Westpoint House, Arnhall Business Park, Prospect Road, Westhill, Aberdeenshire, AB32 6FJ, UK

**Tel:** +44 1224 392 040

**E-mail:** [engineering@jee.co.uk](mailto:engineering@jee.co.uk)

**www:** [www.jee.co.uk/engineering/pigging/](http://www.jee.co.uk/engineering/pigging/)

**Contact (PPSA & Sales):** Jon Davison

Offering specialist engineering consultancy services, including technical assurance and project management, Jee has a long track record of undertaking pigging and plugging projects worldwide. Jee's services cover all phases of the asset lifecycle from feasibility studies, commissioning pigging and baseline in-line inspections (ILI), through operational cleaning and life-of-field ILI campaigns, to cleaning for decommissioning. Focused on reducing risk and maximising the probability of a successful operation, Jee's engineers are specialists in defining and solving the challenges associated with scenarios such as "unpiggable" pipelines, subsea launch/receipt, ultra-deepwater HPHT lines, multi-diameter pipelines and flexible risers.

Jee also offers a range of technical training courses covering integrity management, pigging and plugging, helping build competencies and skills for you and your team.

## Kleiss & Co bv

Scheepmakersstraat 17, 3334 KG Zwijndrecht, PO Box 254, 3330 AG Zwijndrecht, The Netherlands

**Tel:** +31 78 6 291 313 **Fax:** +31 78 6 291 314

**E-mail:** [info@kleiss.nl](mailto:info@kleiss.nl) **www:** [www.kleiss.nl](http://www.kleiss.nl)

**Contact (PPSA):** Leo van Beugen

**Contact (Sales):** Cees de Haard

Kleiss & Co has manufactured and distributed pipeline equipment since 1967. The company provides in-house design, engineering, manufacturing and testing of pipeline pigs for all purposes, from 1" up to 100" and from soft foam up to sophisticated tools for cleaning. CAD facilities, computer and climate controlled manufacturing and process equipment, test facilities guarantee constant quality.

The company provides soft, medium and high density foam pigs, cup pigs, bidirectional pigs, flexible pigs, gauging pigs, brush pigs, magnetic pigs, pipeline spheres, FDA pigs for food and cosmetics, pencil brushes, polyurethane, neoprene, nitril, viton, EPDM and silicone pigs. Kleiss also supplies pig locating equipment, pig signalers, high friction pigs and ancillary materials for pipeline repair, coating, maintenance and installation.

## Knapp Polly Pig Inc

1209 Hardy St, Houston, Texas 77020, USA

**Tel:** +1 713 222 0146 **Fax:** +1 713 222 7403

**E-mail:** [knapp@pollypig.com](mailto:knapp@pollypig.com) **www:** [www.pollypig.com](http://www.pollypig.com)

**Contact (PPSA):** Tim Owen

**Contact (Sales):** Brian Harrell

Knapp Polly Pig Inc., the original manufacturer of the Polly Pig, has been manufacturing pipeline cleaners for over 55 years. The company's product lines, in addition to a full line of urethane foam pigs, include urethane cups (conical and scraper), discs, spheres, and several all-urethane pig designs such as the Nova-cast™, Ultra-Seal™, NOVA™, Polly Tri-Cup™, SUD pig, Ultra-Cast™, Polly-Cast™, Foam Disc, Hand-Launch™, Blackbelt™ and K-Disc™. Knapp also supplies steel mandrel assemblies.

Knapp serves the oil & gas, water & wastewater, chemical & food processing sectors of the piping industry. The company specialises in custom designs and materials to suit all applications. Products are available to be used in adverse cleaning situations, pipe size reductions, long distance pig runs, sour gas lines (with H<sub>2</sub>S present), automatic pigging operations and other special procedures. The products are available in sizes up to 90 inch, and the company offers assistance to pipeline operators in optimising the cost and efficiency of pigging by analysing their current pigging procedures and making recommendations on improvements.

## Limpro Nacional, SA de CV

27 de Septiembre 208, Col. 21 de Enero, Guadalupe, N.L. 67164, México

**Tel:** +52 (81) 8337-1717 **Fax:** +52 (81) 8337-7836

**E-mail:** [ventas@limpronacional.com](mailto:ventas@limpronacional.com)

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

**Contact (PPSA):** Daniel E. Cantú Mac Lynskey

**Contact (Sales):** Ivan Arturo Gallegos Porto

Limpro Nacional, SA de CV is an ISO 9001:2015 certified company and began manufacturing urethane products in 1987.

Limpro manufactures a full range (2" to 48") of foam pigs, steel mandrel pigs, pencil and flat wire and round steel brushes, urethane cups and discs and solid cast pigs for cleaning, batching and gauging with different configurations for regular and special operations. Replacement parts fit most available pigs in the market.

Limpro also performs complete pigging projects including cleaning, batching, dewatering, pig tracking and complete geometry pig services.



Limpro designs and manufactures special pigs to solve specific problems under special conditions and Limpro also offers pigging related equipment and components such as: tracking equipment, and pig detectors.

## Middle East Manufacture of Pipe Cleaning Equipment

Warehouse B302, Bluelake Properties, ICAD3, Musaffah, Abu Dhabi, United Arab Emirates

**Tel:** +971 2555 8303 **Fax:** +971 2555 8304

**www.mempce.com**

**Contact:** Ibrahim Mufid  
ibrahim.mufid@mempce.com

**Contact (Sales):** Amer Salem  
amer.salem@mempce.com

MEMPCE has been established as a manufacturer of scrapers / pigs and foam pigs in Abu Dhabi / UAE since Jan 2014. During the past few years, MEM has established a wide base of clients world wide (more than 44 Countries) who trust the product's quality and the good designs of their scrapers / pigs and foams. MEM have the capability to produce all range of sizes up to 80".

## Morken Group

Bolivar 382, 2do piso, Ciudad de Buenos Aires, Argentina

**Tel:** +54 11 4343 7576 ext. 115

**E-mail:** info@morkengroup.com

**www.morkengroup.com**

**Contact (PPSA & Sales):** Rodolfo Cabrera  
rcabrera@morkengroup.com

**Contact (Sales):** Martín Páez  
mpaez@morkengroup.com

Morken Group provides to the oil, gas, mining and energy industry, advanced technological solutions that integrates the segments of asset monitoring, inspections, interventions and repairs, anticorrosion solutions, transport of fluids, corrosion protection, and solutions for power generation and energy efficiency.

## NAFTOSERWIS Sp. z o.o.

ul. Finlandzka 10, 03-903 Warszawa, Poland

**Tel:** +48 22 871 10 01 / +48 501 949 338

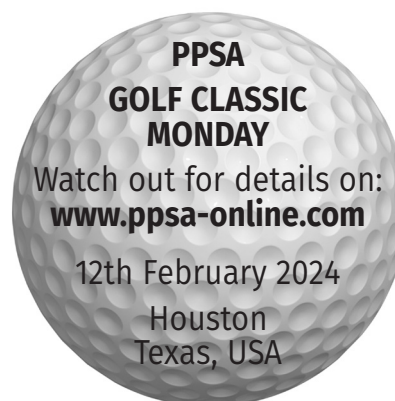
**E-mail:** mateusz.rusak@naftoserwis.pl

**www.naftoserwis.pl**

**Contact (PPSA & Sales):** Mateusz Rusak (Sales Manager)

Naftoserwis is the member of PERN GROUP, led by PERN S.A. (www.pern.pl), the operator of the Polish network of crude oil pipelines and the leader of petroleum logistics in Poland.

- CDRIA Pipeline Services Ltd. merged with Naftoserwis on December 17, 2018;
- All Naftoserwis in-line-inspection services are rendered using the inspection tools developed and fabricated by Naftoserwis team of engineers;
- Naftoserwis offers: ultrasonic pipeline in-line inspection – metal loss and crack detection, pipeline internal geometry inspection, pipeline XYZ mapping;
- They have a Laboratory Recognition Certificate for compliance with the requirements of Office of Technical Inspection (government organization) to carry out laboratory tests within the method: KORSONIC and KALIBRAK;
- Naftoserwis offers oil tanks cleaning using the Blabo® “non man entry” technology;
- Naftoserwis inspection personnel and tools are certified according to Polish and international standards: ISO 9001, ISO 45001, ISO 22301, ISO 14001 Certificate, EC-Type ATEX;
- They have over twenty years of in-line-inspection services experience in Poland, Europe, South America and MENA regions;
- Naftoserwis mission is ensuring the integrity and safety of oil and gas infrastructure in Poland and abroad



## NDT Global

### NDT Global Corporate Ltd

One Swift Square, Santry Demesne Dublin,  
D09 A0E4, Ireland

**Tel:** +353 1 685 20 42 **Fax:** +353 1 531 33 65

**E-mail:** [contact@ndt-global.com](mailto:contact@ndt-global.com) [www.ndt-global.com](http://www.ndt-global.com)

### Europe, Middle East, and Africa

#### NDT Global GmbH

Friedrich-List-Str. 1, 76297 Stutensee, Germany

**Tel:** +49 7244 7415 0 **Fax:** +49 7244 7415 97

**E-mail:** [europe@ndt-global.com](mailto:europe@ndt-global.com)

**Contact (PPSA):** Thomas Mrugala

**Contact (Sales):** Ben Bergius

NDT Global is a leading provider of ultra-high-tech diagnostic inspection solutions, advanced data analysis and integrity assessment services for ensuring the safety and longevity of energy-sector infrastructure assets. Recognized as the forerunner in ultrasonic inspection technologies comprising Pulse Echo, Pitch-and-Catch and Phased Array, as well as Acoustic Resonance (ART Scan) methodologies, the company also deploys a range of non-ultrasonic technologies, such as Inertial Measurement Units, with more under development. NDT Global strategically applies its inspection technologies to detect, diagnose and model various types of threat – circumferential or axial cracks, metal loss, geometry, mapping, and more – across diverse classes of assets. By providing predictive, decision-ready insights driven by the world's most accurate data, NDT Global enables the conditions for asset owners to optimize infrastructure health and drive operational efficiencies while reducing risk and minimizing their carbon footprint.

NDT Global is part of Previaan, formerly known as Eddyfi/NDT. Previaan is an industrial tech group that provides organizations with the data and insights they need to uphold the performance, safety, health, and sustainability of their critical assets and infrastructures, thus providing the best line of defense against their inevitable decline and degradation.



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**[www.ppsa-online.com](http://www.ppsa-online.com)**  
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**Hyperlinks to Members'**  
**Web Sites**

## Online Electronics Ltd

Online House, Blackburn Business Park,  
Woodburn Road, Aberdeen, AB21 0PS, UK

**Tel:** +44 (0) 1224 714714

**E-mail:** [oel-sales@ik-worldwide.com](mailto:oel-sales@ik-worldwide.com)

[www.online-electronics.com](http://www.online-electronics.com)

**Contact (PPSA & Sales):** Carey Aiken

[carey.aiken@ik-worldwide.com](mailto:carey.aiken@ik-worldwide.com)

Online Electronics, an IK Group company, have over 25 years' experience in design and manufacture of pipeline pig locating and signalling equipment and advanced pipeline datalogging and testing systems.

Their main objective is to provide operators and installation companies with the means to achieve significant cost savings by providing assurance data throughout the pipeline lifecycle, onshore and offshore.

Their innovative and flexible product range utilises a variety of technologies to support clients through the stages of a pipeline's life, from pre-commissioning to inspection, repair and maintenance and finally, decommissioning.

OEL has offices in Dubai, UAE; Singapore and Houston, USA.

## 3P Services GmbH & Co KG

Meitnerstr. 10-12, 49835 Wietmarschen-Lohne, Germany

**Tel:** +49 5908 2656-0 **Fax:** +49 5908 2656-11

**E-mail:** [info@3p-services.com](mailto:info@3p-services.com) [www.3p-services.com](http://www.3p-services.com)

**Contact (PPSA & Sales):** Mark Elliott

[sales@3p-services.com](mailto:sales@3p-services.com)

For more than 30 years 3P Services have focused on challenging pipeline inspections. To protect all people and the planet, they are constantly developing new, state-of-the-art technologies with a focus on individual solutions. With these innovative inspection tools, based on MFL, GEO, UT, SRD or XYZ technology, they deliver accurate data even in challenging designs, diameters, wall thickness, products and operating modes. This allows you to minimize your risks and costs and optimize the reliability and performance of your pipelines.

Their fleet comprises more than 400 "live" ILI tools ranging from 2" to 48", applicable for conventional (free swimming), for bi-directional (pump-in/pump-out) and pull through (tethered) operations.

3P Services provides associated services including feasibility studies, pre-inspection proving and cleaning, geometric inspection, post-inspection support, corrosion growth studies comparing the results of different ILI and other.

## 4Pipe Hidropig Engenharia Industrial Ltda

375, Félix Galvão Cruz Simões Avenue,  
Pindamonhangaba, SP 12.441-275, Brazil

**Tel:** +55 (11) 4331-5353

**E-mail:** vendas@4pipe.com.br

**www:** hidropig.com.br

**Contact (PPSA & Sales):** Mateus de Queiroz Nobeschi

With over 35 years of experience in the Brazilian pipeline market, 4Pipe-Hidropig is today a leading manufacturer of cleaning pigs in South America. They own the most modern factory in the country, where they manufacture 100% of polyurethane Pigs and accessories. In the service department, they meet most diverse demands of the segment, from pipeline cleaning to pipeline inspection with Instrumented Pigs. They have a group of specialized professionals who have a solid knowledge of pipeline engineering.

## Pigs Unlimited International, LLC

15719 Treichel Road, Tomball, Texas, TX 77377, USA

**Tel:** +1 281 351 2749 or 800 578 7436

**Fax:** +1 281 351 4658

**E-mail:** sales@pigsunlimited.com

**www:** pigsunlimited.com

**Contacts (PPSA & Sales):** Allen Pennington

**Contacts:** Sheena Engledow – Sales Director

Pigs Unlimited International, LLC is a leading manufacturer of a full line of pigging products including foam, solid-cast urethane, and steel-mandrel pigs, as well as spare components (cups, discs, and brushes) of pigs from 1/2"–96". PUI also manufactures and supplies ancillary tools and equipment often needed to complete a pigging job such as pig trackers, pig poles, pig passage indicators, traps and more. These pigs are utilized for various functions including drying, batching, cleaning, dewatering and displacement.

Pigs Unlimited's ability to have stock always available and quick production times on durable custom-built pigs has made it one of the leading manufactures in the market.

## Pigtek Ltd

Unit 2, Langham Park, Mansfield Road, Corbriggs,  
Chesterfield, Derbyshire, S41 0GG, UK

**Tel:** +44 1246 850220

**E-mail:** sales@pigtek.com

**www:** pigtek.com

**Contacts (PPSA & Sales):** Ralph Hyslop

**Contacts (PPSA & Sales):** Richard Kershaw

**Contacts (PPSA & Sales):** Vince Garton

Pigtek design and supply specialist pigging tools for applications where "standard" or "proprietary" equipment will not perform or is proving to be inefficient.

Pigtek products and services have evolved from years of on-site domestic and international pigging experience.

Products are available on a sale or hire basis and include: dual/multi diameter pigs, heavy-duty cleaning and de-scaling pigs, advanced by-pass pigs, pig tracking and location equipment.

On-site services include pipeline proving and gauging, advanced pipeline cleaning, pre-inspection proving and cleaning, pig tracking and stuck/lost pig location/removal.

Development services include specialist pig design, pig verification trials, feasibility studies and developing pigging procedures.

Pigtek also has a dedicated pig testing yard which is available year-round for trialling of new or modified pig designs. This facility can fully replicate a pipeline's architecture and flow conditions to ensure that the selected pig design can pass through the system and perform as planned.



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next PPSA Seminar  
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## PIPECARE Group

### Corporate Office

PO Box 62159, Dubai, UAE

**Tel:** +971 6 5262042 **Fax:** +971 6 5262043

**E-mail:** info@pipecaregroup.com

**www:** pipecaregroup.com

**Contact (PPSA & Sales):** Joseph J M  
Sales & Marketing Director  
Joseph@pipecaregroup.com

PIPECARE Group has been serving the oil and gas industry worldwide providing in-line inspection and integrity support services since 2001.

PIPECARE Group certifications include ISO 9001:2008, OHSAS 18001:2007, ISO 14001:2004, TS/29001:2007, API Q1, 94/9/EC ATEX Directive, GOST R and CE Marking.

PIPECARE Group's core activities include: In-line Inspection services using MFL, TFI, Caliper/Geometry & UT technology. Services including pipeline cleaning, gauging, removing dust (black powder) using cyclones, removing wax, pigging solutions for "un-piggable" pipelines, speed reduction. Supply of pig traps, cleaning pigs & accessories. Pipeline repair services Integrity management support services including FFP, RRR reports. Project management and field execution carried out by professionals certified as per API 1163.

## Pipeline Engineering (Part of Nylacast Group)

480 Thurmaston Boulevard, Leicester, LE4 9LN, UK

**Tel:** +44 116 276 8558 **Fax:** +44 116 274 1954

**E-mail:** PESales@nylacast.com

**www:** nylacast.com

**Contact (PPSA & Sales):** Alan Mather  
Alan.Mather@Nylacast.com

**Contact (Sales):** Kosai Kammoun  
Kosai.Kammoun@Nylacast.com

Pipeline Engineering, part of Nylacast Group, is a market leading global provider of products, services and engineered solutions for the pipeline pigging and flow assurance industry. They have particular expertise in the design and manufacture of pipeline pigs, which are engineered to meet the specific requirements of individual pipelines.

PE offers full range of utility pigs including metal bodied, foam, unit cast and sphere types. In addition to specialty pigs to meet the specific pigging requirements of complex and demanding pipelines, this is achieved through analysis of the existing pipeline issues including assessment of all pipeline features.

Nylacast Group employees more than 650 professionals and has full in-house research and development centre.

## Pipeline Equipment, Inc

8403 S 89th West Avenue, Tulsa, Oklahoma 74131, USA

**Tel:** +918-224-4144 **Fax:** 918-224-4455

**www:** PipelineEquipment.com

**Contact:** Jack Lollis  
Jack@PipelineEquipment.com

**Contact (Sales):** Natalie McBride  
Natalie@PipelineEquipment.com

**Contact (Sales):** Larry Payne  
Larry@PipelineEquipment.com

**Contact:** Brent Lollis  
Brent@PipelineEquipment.com

Pipeline Equipment, Inc. provides quality equipment for the energy and other industries. Products include: Twinlock Quick Opening Closure, pigs and spheres, launcher and receiver barrels and systems, automated systems for pigs and spheres, mainline valve assemblies, liquid and gas measurement equipment, pressure and flow control skids and station buildings including EGM, analyzer, MCC, and control. The Machine Division provides closures and custom machining. The Extrusion Division provides single and multiple outlet headers, reinforcing weld saddles, full encirclement saddles, drum drilling, and other custom extruded products. PEI also has a full-service blasting and coating division. PEI is an ASME and ISO 9001 certified facility with offices in Tulsa, Oklahoma; Houston, Texas, Denver, Colorado and representatives throughout the USA.

## Pipeline Innovations Ltd

Unit 41B, Colbourne Crescent, Nelson Park Industrial Estate, Cramlington, Northumberland, NE23 1WB, UK

**Tel:** +44 1670 618861

**E-mail:** info@pipeinn.com

**www:** Pipeline-Innovations.com

**Contact (PPSA & Sales):** Peter Ward

Pipeline Innovations Limited (PIL) provide pipeline geometry and data acquisition services across all stages of a pipeline life cycle from construction, pre-commissioning, commissioning, production, operations and inspection right through to decommissioning and abandonment.

Technologies include multi-channel, multi diameter caliper for onshore, offshore and deepwater pipeline

commissioning. The Pathfinder foam geometry pig, is a unique product which is designed for proving, measuring and locating changes in diameter, restrictions, dents, debris mapping and assessment in difficult to pig pipelines. PIL also provide a range of robust and compact pipeline data loggers that can be installed on utility pigs and used to measure and record environmental and ride parameters in onshore and offshore liquid and gas pipelines.

PIL support a broad range of pipeline cleaning, inspection and integrity activities and work with a wide range of international pipeline operators, pipeline service companies, flow assurance and integrity providers.

## Pipeline Pigging Products Inc

PO Box 692005, Houston, Texas 77269, USA  
11238 Timber Tech Ave. Tomball, TX 77375, USA

**Tel:** +1 281 351 6688, (800) 242 7997 (US)

**Fax:** +1 281 255 2385

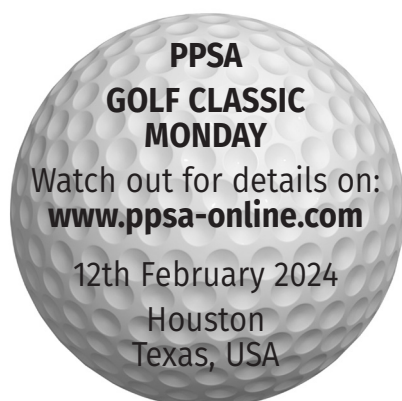
**E-mail:** shannonkerr@pipepigs.com

**www:** pipepigs.com

**Contact (PPSA & Sales):** Shannon Kerr,  
Spencer Cubage

Pipeline Pigging Products Inc, a company with over sixty years of combined pig manufacturing experience, offers a full line of flexible polyurethane foam pigs, commonly known to the trade as "poly pigs". Available in drying, wiping and scraping types for pipe sizes below 2" to over 78" in diameter.

The company also has a pipeline cleaning division, Flowmore Services. This group which was founded in 1977, provides PPP customers with the technical "know-how" to use their pipeline cleaning products properly. In addition, Flowmore provides constant product feedback to the manufacturing group in order to ensure the products meet the tough needs of the pipeline cleaning industry.



## Pipeline Services LLC (PLS)

PO Box 4500, Abu Dhabi, United Arab Emirates

**Tel:** +971 2 555 45 13 **Fax:** +971 2 555 39 93

**E-mail:** mail@pls.ae

**Contact (PPSA & Sales):** Patrick Hivert and  
Mohamed Habbouly

## Altabyss Technical Services LLC (ALTABYSS)

PO Box 126815, Abu Dhabi, UAE

**Tel:** +971 6 667 13 7

**E-mail:** mail@altabyss.ae

**Contact (PPSA & Sales):** Mohamed Habbouly and  
Arnoldous Maas

Founded in 1960 and established in the United Arab Emirates in 1979, Pipeline Services LLC (PLS) has an in-depth knowledge of the performance requirements set by the regional oil and gas operating companies and EPC contractors.

PLS expertise and package services covers: • Pipeline pre-commissioning, commissioning, decommissioning, rehabilitation, hot tapping & stopping; • Cathodic protection systems including designs and engineering, procurement and installation, commissioning, surveys, external coating defects assessment, maintenance and rehabilitation; • GRE/GRV/GRP piping systems including stress analysis, shop fabrication, field installation, pipe system repairs, retrofit, rehabilitation and reinforcement.

ALTABYSS, founded in Abu Dhabi in 2010, is now a multi-discipline company covering the following activities: • GRE/GRV/GRP piping systems (EPC): onshore/offshore/marine; • Site survey, spool fabrication, field installation, rehabilitation; • air pigging and hydrotesting; • piping, clamps fabrication & installation, hydraulic bolt tightening; • pipeline and utilities rehabilitation, commissioning and decommissioning; • Integrity management, geometry and corrosion in-line inspection; • Underwater works at waste management plants, chemical and nuclear plants; • Treatment of water and aquatic environment

**Visit PPSA's Web Site**  
**www.ppsa-online.com**  
**for more information and**  
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**Web Sites**

## Pipesurvey International CV

Houtkoperstraat 22, 3334 KD Zwijndrecht PO Box 117,  
3330 AC Zwijndrecht, The Netherlands

**Tel:** +31 78 610 1428 **Fax:** +31 78 610 2128

**E-mail:** info@pipesurveyinternational.com

**www.pipesurveyinternational.com**

**Contact (PPSA):** Peter van Beugen

**Contact (Sales):** Ralph van Wijgerden

Pipesurvey International is a service provider for pipeline inspection, intelligent pigging and pipeline integrity. From the start, Pipesurvey International tools are designed to offer solutions for piggable and non-piggable pipelines, such as reverse-flow operation, multi-diameter pigging, pigging at low pressure and flow or using active speed control in high flow gas pipelines.

The small to medium sized company is customer-oriented, flexible and innovative and has gained thousands of kilometres experience on a global basis, both onshore and offshore.

Pipesurvey International has developed propriety technique for pipeline inspection, ranging 3" up to 56", including Geometry, XYZ, MFL, TFI, camera, UT, robotic inspection, Datsurvey<sup>®</sup> software, defect assessment, Fitness-for-Purpose and Risk-based Assessment, engineering and consultancy, as well as specialized pipeline cleaning.

## PipeWay Engenharia

Praça Mário Nazaré, 40 – São Cristóvão, Rio de Janeiro,  
RJ – CEP: 20940-080, Brazil

**Tel:** +1 877 3594848

**E-mail:** rmiranda@pipeway.com

**www.pipeway.com/**

**Contact (PPSA & Sales):** Raphael Miranda

PipeWay has 19 years experience in ILI inspection. It was formed through the licensing of technology developed by Petrobras to solve integrity monitoring issues in its onshore and offshore pipelines and plant piping. The high resolution MFL equipment for piggable pipelines is controlled by powerful software that allows the integration of prior run data from both PipeWay and competitors. Patented Porcupine technology is used to detect and measure internal defect anomalies that are problematic for all MFL tools. These defects include channeling corrosion, erosion, general corrosion, general wall thinning and encrustations that can hide bacterial corrosion colonies. GIP is MFL technology applied externally to the pipeline for use in non-piggable pipelines, plant piping, pier piping and for localised prove up.

## PolyEurope bv

Poppenbouwing 48, 4191 NZ Geldermalsen,  
The Netherlands

**Tel:** +31 345 533812 **Fax:** +31 345 532182

**E-mail:** sales@polyeurope.com

**www.polyeurope.com**

**Contact (PPSA & Sales):** Rick Jägers

**Contact (Sales):** Ronald Jägers

PolyEurope bv is located in the heart of The Netherlands. Founded in 1974, the company has become Europe's full line leading company in the manufacture, design and supply of high performance pipeline cleaning and testing pigs to the oil, gas and municipal industry. Its management team has more than a century's combined experience in the pigging and pipeline industry. With production, storage facilities, a research & development centre in the Netherlands and quality accreditation to BS EN ISO 9001:2015, PolyEurope bv is well placed to make a significant impact on the oil and gas market worldwide.

## PSI – Pipeline Services International GmbH & Co KG

Thyssenstr. 2, 49744 Geeste-Dalum, Germany

**Tel:** +49 5937 980908 215

**Fax:** +49 5937 980908 190

**Mobile:** +49 171 387 9201

**E-mail:** m.strohecker@pressuretest.de

**www.pressuretest.de**

**Contact (PPSA & Sales):** Michael Strohecker

PSI – Pipeline Services International, provides special services for pipeline pre-commissioning, rehabilitation and pipeline inspection. Pipeline inspection is a part of PSI, which uses its own fleet of single, and the new multi-channel caliper tools for baseline surveys, passage control for third party intelligent inspection tools and the usual inspection of deformation of the inner diameter of pipelines. The advantage of the new multi-channel system is to give additional information about the o'clock position and the shape of the detected indication.

PSI also provides the following services: hydrostatic testing by water, air or gas; chemical/mechanical cleaning; pipeline drying by air, nitrogen, or vacuum; intelligent pigging; leak detection; construction/sale of pigs; supervision of all above mentioned services.

## PT Berkat Sarana Alam

JL. Cendana Raya No. 46, Bekasi City, West Java Province,  
PO Box 17145, Indonesia

**Tel:** +62 (0) 21 88851025 **Fax:** +62 (0) 21 88851812

**E-mail:** sales.bsa@pt-bsa.com

**www:** bersalam.com/

**Contact (PPSA & Sales):** Jonathan Canny Irawan,  
President Director

PT BERKAT SARANA ALAM (BSA) provide various onshore and offshore pipeline cleaning and inline inspection services as well as pumping services for oil and gas, CBM, and Geothermal operators. Their services include: regular pipeline pigging cleaning services, de-oiling services, conventional and advance intelligent pigging services, pipeline hydrotest, and water pumping supply for well drilling operations.

## PT Tri Mulya Gemilang

18 Office Park, 5th Floor, Jl. Let. Jend TB. Simatupang Kav.  
18, Jakarta 12520, Indonesia

**Tel:** +6221 22780404 **Fax:** +6221 22780370

**E-mail:** info@pttmg.com **www:** pttmg.com

**Contact (PPSA & Sales):** Irwan Sutarya  
irwan@pttmg.com

**Contact (Sales):** Arif Rahman H  
arif.rahman.h@pttmg.com

PT Tri Mulya Gemilang is an Indonesian company which focuses its business in providing services especially for pipeline cleaning, inspection and services for oil and gas industry.

## PT. Farrel Internusa Pratama

Jalan Utan Kayu Raya No.60, Jakarta Timur 13120,  
Indonesia

**Tel:** +62 21 8591 3771 **Fax:** +62 21 8591 3772

**E-mail:** sales@farrel.co.id **www:** farrel.co.id

**Contact (PPSA & Sales):** Elviranita

PT. Farrel Internusa Pratama is an Indonesian company established in May 2001. Their services include pre-commissioning and commissioning, hot tapping, stopple plug, cold bending, cold cutting and pipeline cleaning and intelligent pigging services.

Their product supply are pigging materials, split tees, pig signallers, pig launchers/receivers and quick opening closures (QOC).

## PT. Titian Servis Indonesia

Cibis Park, Cibis Eight 6th Floor, Jl. TB. Simatupang, South  
Jakarta # 12560, Indonesia

**Tel:** +62 021-7890030

**E-mail:** tanta.tarigan@titianservices.com

**www:** titianservices.com/

**Contact:** Tanta Tarigan

PT. Titian Services Indonesia provide the services and solution focus on 3 business maincores for Project Turnaround Services, Well Services & Chemical and Pipeline & Process Services (PPS). They provide specialised Engineering, Project Management, Maintenance Operations, Electrical & Instrument, TAR Technical Support. They have achieved and deliver services in hughes project such as BP Berau in supplying N2 Leak Test & Harbour Energy in providing Intelligent Pigging Services.

## RAS Rohrleitungs- und AnlagenService GmbH

Lanzstrasse 5, 49716 Meppen, Germany

**Tel:** +49 5931 98 50 00 **Fax:** +49 5931 98 50 50

**E-mail:** info@ras-pipeline.de

**www:** ras-pipeline.de

**Contact (PPSA & Sales):** Daniel Benschmidt  
Tel: +49 5931 98 50 24  
d.benschmidt@ras-pipeline.de  
Mobile: +49 170 540 79 42

RAS Rohrleitungs- und AnlagenService GmbH provides globally pre-commissioning, rehabilitation as well as de-commissioning services on- and offshore. Representing 30 years of experience the service range includes pipeline cleaning, testing with liquid or gaseous mediums, drying with air, nitrogen or vacuum, inerting etc. and pigging for multiple applications such as cleaning, batching, leak detection and caliper pigging.

Since early 2011 RAS has provided pipeline inspection by means of its own GPI-tool, providing true multi-channel measurement, XYZ-mapping etc.

RAS was founded in 1992, has 60 employees and is certified in accordance to ISO9001, ISO14001, ISO45001 and SCCP by DNV – GL.

## Reinhart Hydrocleaning SA

Rue de la Croix 29-31, P.O. Box 31, CH-2822 Courroux, Switzerland

**Tel:** +413 242 16080 **Fax:** +413 242 16081

[www.rhc-sa.ch](http://www.rhc-sa.ch)

**Contact (PPSA):** Robert Reinhart  
rbr@rhc-sa.ch

**Contact (Sales):** Giacomo Reinhart  
info@rhc-sa.ch

Family business in third generation with 20 employees established in Switzerland 1952 with focus on pipeline cleaning. Close client communication to provide best service from design to development, in-house testing and execution in the fields to fit clients' expectations. Pre-commissioning, maintenance, operational and pre-inspection cleaning.

## ROSEN Group

### Headquarters

Obere Spichermatt 14, 6370 Stans, Switzerland

**Tel:** +41 41 618 0300 **Fax:** +41 41 618 0319

**E-mail:** [info@rosen-group.com](mailto:info@rosen-group.com)

[www.rosen-group.com](http://www.rosen-group.com)

### Employment opportunities

<https://jobs.rosen-group.com/jobs>

The ROSEN Group is a globally leading provider of cutting-edge solutions in all areas of the integrity process chain. Since its origins as a one-man business in 1981, ROSEN has rapidly grown and continues to do so. Today, the business is still privately owned and consists of a team of more than 3,300 employees, operating in more than 120 countries.

For more information about the ROSEN Group, please go to [www.rosen-group.com](http://www.rosen-group.com).

ROSEN offers: Pipeline cleaning tools, cleaning analytic services, accessories and electronic instruments, in-line inspection, high-resolution geometry inspection, XYZ mapping, high-resolution metal loss inspection utilizing magnetic flux leakage, ultrasound and eddy current technologies, pipe grade and material properties inspection, girth weld and long seam inspection, EMAT crack and coating disbondment detection, Ultrasonic crack detection, multi-diameter and robotic pipeline inspection, bi-directional and tethered pipeline inspection, leak detection, video inspection, inspection of plant and terminals, coiled tubing, flow and gathering lines, integrity management software, integrity engineering & consultancy, inspection solutions, integrity solutions,

R&D solutions, product solutions, internal and external pipe coating, monitoring solutions, education systems and services.

## Sanccus Ltd

Unit 3 & 4, Colpy Road Industrial Estate, Oldmeldrum, Aberdeenshire, AB51 0BZ, UK

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

**Contact (PPSA):** Jinni Keh  
jinni.keh@sanccus.com

**Contact (Sales):** Martin Ridge

Sanccus focus on unpiggable or high risk pipelines for which they design and manufacture a broad range of solid gel pigs and liquid pipeline gels as well as the associated pipeline cleaning chemicals including degreasers, solvents, corrosion treatments and scale remediation. They also provide a bespoke design and testing service to create job specific products as required along with 3rd party liquid blending services. They have global reach with sister companies in Malaysia and UAE as well as partners in the USA, Australia, Norway, Canada & Indonesia.

## Shenyang Emt Piping Technology Co., Ltd

No. 521-1, Lixiang Village, Hunnan District, Shenyang City, Liaoning Province, China

**Tel:** +86 13124205692 **Fax:** +86 024-24213974

**E-mail:** [info@emtpigging.com](mailto:info@emtpigging.com)

**Website:** <https://emt-pipe.com>

**Contact (PPSA & Sales):** Diane Zhang

Shenyang Emt Piping Technology Co., Ltd is a China brand founded in 2004. They are a professional manufacturer of pigging equipment. The main products of EMT are pipeline pigs, pig signallers, chemical injection quills, corrosion coupons, foam pigs, quick opening closures and other pipeline equipments. Now with the expansion of the company's international market, it has developed into a scientific and technological development enterprise integrating scientific research, development, production, sales and service.



## Shenyang University of Technology

24A, Liandong U Valley, 16th Street, 13 Road, Economic and Technological Development Zone, Shenyang City, Liaoning Province, China

**Tel:** +86 15962253969 **Fax:** +86 02425496061

**E-mail:** fred.lee@pipelineip.com

**www:** pipelineip.com

**Contact:** Mr Fred Lee

Pipeline integrity management services, including pipeline cleaning, pipeline geometry defect detection (Geo pig), pipeline magnetic leakage detection (MFL+TFI), self-propelled Caliper and self-propelled MFL, pipeline crack detection, pipeline centerline mapping (IMU) and so on. Their technology originates from universities and they have a 28-year history in the oil and gas pipeline inspection industry. Their markets span across Asia, Africa, and South America. They not only provide inspection services but also offer sales of inspection tools.

## Sofield Analytic Pipe Asia SDN BHD

1-4-3A City Garden Commercial Centre, Taman Nirwana 68000 Ampang, Selangor, Malaysia

**Tel:** +603 9212 3036 **Fax:** +603 9212 3038

**E-mail:** shamshur@analyticpipe.com.my

**www:** analyticpipe.com.my

**Contact (PPSA & Sales):** Mr. Shamshur Abd Aziz,  
Managing Director

Data integrity is paramount in every intelligent pigging service. That is justified by the ability of the tool to map the actual condition of a pipeline and locate defects along the line. Meeting accepted quality and specification necessitates the integration of precise mechanical parts and appropriate calibration of electronics.

Analytic Pipe Asia is committed to serve the oil & gas industry by providing reliable intelligent pigging services. Having years of experience in the industry and expertise in multiple physics are the core strength in developing high precision tools. APA has a dedicated R&D team that continually finds every possible solution to maintain the integrity of the deliverables. All this is to ensure the safety of the pipeline hence avoiding any operational risks for customers.

## STATS Group

STATS Group, STATS House, Tofthills Way, Midmill Industrial Estate, Kintore, Aberdeen, AB51 0QG, UK

**Tel:** +44 1224 772461 **Fax:** +44 1224 772491

**www:** statsgroup.com

**Contact (PPSA & Sales):** Aiden Hardy, Regional Business Development Manager  
aiden.hardy@statsgroup.com

### Canada

STATS Group International Inc, 6756 59 Street NW, Edmonton, Alberta, Canada, T6B 3N6

**Tel:** +1 780 462 0221 **Fax:** +1 780 462 0230

**E-mail:** canada@statsgroup.com

**Contact:** Stephen Rawlinson – Regional Director,  
North America

### USA

STATS International Inc, 11330 Brittmoore Park Drive, Houston, Texas 77041, USA

**Tel:** +1 713 896 3150 **Fax:** +1 713 896 3159

**E-mail:** usa@statsgroup.com

**Contact:** Scott McNae – President & General Manager

### Middle East

STATS (UK) Limited – Abu Dhabi, Plot No. 20, M35, Mussafah, Sanayyah, Abu Dhabi, United Arab Emirates

**Tel:** +971 2204 9999 **Fax:** +971 2626 4701

**E-mail:** mark.gault@statsgroup.com

**Contact:** Mark Gault, General Manager Middle East

STATS Group are market leaders in the supply of pressurised pipeline isolation, hot tapping and plugging services to the global energy industry. DNV type approved isolation tools provide leak-tight double block and bleed isolation that enables safe and efficient maintenance and repair of onshore, topsides and subsea pipeline infrastructure.

Project management and engineering services are provided to support client needs including turnaround scopes, feasibility studies and contingency planning. In-house expertise extends over the entire lifecycle of hydrocarbon assets from construction, maintenance, asset life extension, through to decommissioning and on to hydrogen transportation, carbon capture and storage.

## T. D. Williamson

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

### North & South America

**Tel:** +1 918 447 5400

### Europe / Africa / Middle East

**Tel:** +33 3 88 19 72 38

### Asia Pacific

**Tel:** +65 6364 8520 (Singapore)

**Tel:** +62 21 782 7040 (Jakarta)

### Offshore Services

**Tel:** +47 5144 3240

T.D. Williamson (TDW) draws upon more than 100 years of industry leadership to help operators of pressurized pipeline systems keep the world's energy lifelines running safely and reliably. TDW delivers a comprehensive portfolio of safe integrity pipeline system solutions for onshore and offshore applications, including advanced isolation and intervention, integrated pigging and integrity assessment solutions.

## Topline Limited

40 Birabi Street, GRA 1, Port Harcourt, Nigeria

**Tel:** +234 84 462638 **Tel:** +234 803 4071017

**E-mail:** [inquiries@toplinelimited.com](mailto:inquiries@toplinelimited.com)

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

**Contact (PPSA & Sales):** Chinedu Maduakoh  
[c.maduakoh@toplinelimited.com](mailto:c.maduakoh@toplinelimited.com)

### Western Nigeria

Flat 5, Malle Estate, Off Orhuwhorun Road,  
PO Box 772 Udu Effurun, Delta State, Nigeria

**Tel:** +234 803 375 1321

Topline Limited, established in 1982, provides pipeline cleaning, pipeline descaling, pipeline integrity surveys and inspection, cathodic protection, pipeline coating, valve maintenance and replacements, manifold maintenance, GRE piping and pumping services in the Oil and Gas industry.

The Company has a team of Nigerian and expatriate Engineers with several years of international and local experience.

Topline also has relationship with Weatherford Pipeline and Specialty Services TAPECOAT Inc. USA, and VAL-TEX Houston TX. USA for the provision of pipeline and valve integrity management planning and related services.

## Tracerco Ltd

Measurement Technology Centre, The Moat, Belasis Hall  
Technology Park, Billingham, TS23 4ED, UK

**Tel:** +44 1642 375500 **Fax:** +44 1642 370704

**E-mail:** [tracerco@tracerco.com](mailto:tracerco@tracerco.com)

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

**Contact (PPSA):** Nicola Porter

**Contact (Sales):** Donald Ballantyne

### Tracerco USA

4106 New West Drive, Pasadena, Texas 77507, USA

**Tel:** +1 281 291 7769 **Fax:** +1 281 291 7709

**Contact:** Jim Bramlett

### Tracerco Asia

Lot 27, Jalan PJU 3/47, Sunway Damansara Technology  
Park, 47810 Petaling Jaya, Selangor, Kuala Lumpur,  
Malaysia

**Tel:** +603 7803 4622 **Fax:** +603 7803 9312

**E-mail:** [Ahmad.Nazrin@tracerco.com](mailto:Ahmad.Nazrin@tracerco.com)

**Contact:** Ahmad Nazrin Alias

Tracerco is a world-leading industrial technology company that provides companies with the insights they need to make informed decisions about their operations. Their offering includes:

Tracerco Discovery™ – a subsea CT Scanner that allows the non-intrusive inspection of coated pipelines. Discovery™ scans through coatings and provides a high-resolution image of pipeline contents and pipe wall thickness, enabling pipeline integrity flaws and flow assurance conditions to be accurately visualised in real-time.

Tracerco Explorer™ – allows many kilometres of subsea pipeline to be quickly scanned, enabling the location of deposits causing flow abnormalities to be easily identified.

Tracerco Diagnostics™ Pig Tracking – enables operators to monitor the passage of all pigs and rapidly locate any lost or stuck pigs in real time.

**Attend the  
next PPSA Seminar  
in Aberdeen, UK on  
14th–15th November 2023  
Visit [www.ppsa-online.com](http://www.ppsa-online.com)  
for more information**

# Trans Asia

## Middle East and North Africa

M-01, Lulu Bint Building, Near Lebanese Flour Bakery, Tourist Club Area, PO Box 105310, Abu Dhabi, United Arab Emirates

**Tel:** +971 2 645 0006 **Fax:** +971 2 645 8383

**E-mail:** info@transasiapipelines.com

**www:** transasiapipelines.com

**Contact (PPSA & Sales):** D Surendranath, Chairman  
surendra@transasiapss.com

## Trans Asia Pipeline Services FZC

Plot No.4M-25, Phase 2, Hamriya Free Zone, Sharjah, UAE

**Tel:** +971 6 5269166 **Fax:** +971 6 5269167

**E-mail:** info@transasiapss.com

**Contact:** D Surendranath, Chairman  
surendra@transasiapss.com

## Trans Asia Pipeline Services Pte Ltd East Asia & Australia

67F, Tuas South Avenue, Singapore 637585

**Tel:** +65 6795 5951 **Fax:** +65 6795 7296

**E-mail:** info@transasiapss.com.sg

**Contact:** Sachin Sanghai, CEO  
sachin@transasiapss.com.sg

## Trans Asia Saudi for Pipeline Services

Al-Waha Down Town, 2nd Floor, Dammam, Eastern Province, Kingdom of Saudi Arabia

**Tel:** +966 13 802 6683 **Fax:** +966 13 802 6683

**Contact:** Sachin Sanghai, CEO  
sachin@transasiapss.com.sg

## Trans Asia Energy Services (UK) Ltd

GF-18 Westpoint House, Arnhall Business Park, Prospect Road, Westhill, Aberdeen, AB32 6FJ, UK

**Tel:** +44 1224 270374

**E-mail:** robert.fraser@transasiapss.com

**Contact:** Robert Fraser, Regional Manager  
Mobile: +44 75077 32342

## Transpipe Integrity Solutions (wholly owned subsidiary of Trans Asia Group)

B-15 Metro Society, Near Yash Complex, Gotri Road, Vadodara – 390021, Gujarat, India

**Contact:** Girish Lokwani

Tel: +971 54586 3241

girish.lokwani@transpipe.in

Trans Asia Group and its subsidiary Transpipe are a leading contractor, specialized in Pipeline and Specialty Services for the oil & gas, petrochemical and power industry. Through their offices in UAE, Saudi Arabia, Kuwait, India, Singapore and UK, they provide a wide range of pipeline and specialty services and have successfully completed projects in the Middle East, South East Asia, Americas, Europe, Africa, Caspian and

Indian region for the oil companies and EPC contractors.

Services offered by Trans Asia: Pipeline Services: pre-commissioning and commissioning, pigging, testing, calliper and ILL inspections, nitrogen services, decommissioning of pipelines, gel pigging, chemical cleaning, mothballing pig tracking, stuck pig removals, pig design and piggability studies.

Pipeline Maintenance Services: Online pigging, dewaxing, black powder/scale/wax removals, leak detection/repairs.

Trans Asia also provides full spectrum of process pre-commissioning and commissioning services such as chemical cleaning, oil flushing, nitrogen-helium leak testing, hydro milling, bolting & flange management services, etc.

## Transpipe Integrity Solutions Middle East, FZE

11th Floor, JAFZA ONE, Jebel Ali Free Zone, Dubai, United Arab Emirates

**Tel:** +971 4 817 0292

**E-mail:** info@transpipe.in

**www:** transpipeintegrity.com

**Contact (PPSA & Sales):** Girish Lokwani  
girish.lokwani@transpipe.in

Transpipe Integrity Solutions Pvt Ltd is a leading Research and Development based company providing In-Line Inspection technologies and solutions to the oil and gas pipeline industry with a plethora of different products and services.

Whether you need cleaning, geometry inspection, deformation analysis and metal loss inspection – their experience and industry expertise enable them to develop, test and validate their high resolution inspection tools developed in-house for global usage.

They work closely with global leaders in oil & gas industry to identify and ensure best-in-class asset integrity solutions with their indigenous developed tools reassuring their service life. Their affiliate companies and industry partners have vast experience, skilled manpower to deliver high value projects for various services in pipeline pre-commissioning and manufacturing cleaning pigs.

## TRAPIL

1, rue Charles-Edouard Jeanneret, 78260 POISSY, France

**Contact (PPSA):** Jérôme de Morel

**Tel:** +33 6 33 79 31 42

**E-mail:** jdemorel@trapil.com

[www.trapil.com/en/engineering-integrity-metering-training.php#integrity](http://www.trapil.com/en/engineering-integrity-metering-training.php#integrity)

**Contact (Sales):** Olivier Charton

Tel: +33 6 75 79 59 91

ocharton@trapil.com

TRAPIL was created by the French government in 1950 to build and operate more than 4700 km of main lines supplying more than 50% of the French refined petroleum consumption.

TRAPIL has developed its own fleet of inline inspection tools based on Ultrasound and Phased Array technologies enabling the detection and sizing of a wide range of defects from metal loss features and geometry to cracks. In addition, TRAPIL offers acoustic leak detection. Their dedicated Integrity Department conducts analysis applying international standards.

The unique situation of TRAPIL as a pipeline operator and service provider enables to qualify its tools on its own lines and stay aware of the needs of other pipeline operators, driving its R&D to propose cutting-edge technologies.

Pipeline integrity is a major challenge and TRAPIL can assist you with customized solutions.

## VKVC LLP (Vee Kay Vikram & Co. LLP)

VKVC, "VKV House", 'D' Shivalik Business Center, Opp. Golf Academy, Rajpath Club X- Road, S.G. Highway, Ahmedabad – 380 054, Gujarat, India

**Tel:** +91 79 40506111

**Fax:** +91 79 40506110

**E-mail:** sales@vkvc.com

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

**Contact (PPSA & Sales):** Mr Vikram Sood  
Mobile: +91 98250 48944

**Contact:** Ms. Jasmeet Kaur (Marketing)  
Mobile: +91 63536 25255

### VKV Oilfield & Pipeline Services Co Pvt Ltd

"VKV House", 'D' Shivalik Business Center, Opp. Golf Academy, Rajpath Club X- Road, S.G. Highway, Ahmedabad – 380 054, Gujarat, India

**Tel:** +91 79 40506119

VKVC – Healing pipelines since 1969. Established in

1969, VKVC is a market leader in pipeline pigging equipment industry. VKVC is accredited by technical and quality certifications – ASME U, U2, & UM stamp, National Board of Boiler and Pressure Vessel – NB & R stamp, ISO closures, flow tees, pig wyes, tees, online leak repair clamps, pin hole repair clamps, reinforcement epoxy grout sleeves, hot tap fittings, insulation joints, pipeline connectors, pig valves and pig indicators.

VKVC quick opening closures and leak repair clamps are offered with ASME 'U' STAMP and are supplied with corrosion resistant cladding. The pressure rating ANSI 150 to ANSI 2500 and sizes 2" to 72" NB.

VKVC pig launching and receiving valves are certified with API-6D Monogram under license number 6D-0622. VKVC also manufactures various types of pipeline pigs up to 72".

VKVC dedicated crew are available at various sites in India, Bangladesh and Middle East for carrying out pipe jobs on contract including geometric (EGP) survey of Pipelines & Pig tracking services. VKVC crews are available worldwide for pipeline pigging, leak sealing, pig tracking, epoxy grouting and pipeline hydrostatic testing.

## VP Engineers

No. 79 (Old No. 29/9) Valmik Street, Thiruvannamiyur, Chennai 600 041, India

**Tel:** +91 44 2496 0736/0776

**E-mail:** vpeiso9001@gmail.com  
marketing@vpengineers.in  
exports@vpengineers.in

[www.vpengineers.in](http://www.vpengineers.in)

**Contact (PPSA):** N Srinivasan, Managing Partner  
Mobile: +91 944942628

**Contact (Sales):** S Karthikeyan, Marketing Manager  
Mobile: +91 9445003988

VP Engineers manufacture specialized industrial products for pipeline industry, petrochemicals & processing plants.

VP Engineers products for pigging are: Cleaning pigs, batching pigs, gauging pigs, bi-di pigs, commissioning pigs, foam pigs, criss-cross foam pigs, heavy duty foam pigs, swabbing pigs, de-watering pigs, magnetic pigs, decoking pigs, honey comb pigs etc.

VP Engineers also provide customised Pigs – with varieties of spring loaded brushes, circular brushes, silicon carbide strips, tungsten carbide studs, carbon and stainless steel wire bristles attached to the steel mandrel/ aluminium mandrel and foam bodied pigs with or

without PU elastomer coatings.

Other pipeline related products offered by VP Engineers include casing insulators/spacers, casing end seals, pipe end caps, monolithic insulation joints and ring joint gaskets.

## WSG Industrial Services b.v.

Phileas Foggstraat 65, NL-7825 AL Emmen, The Netherlands

**Tel:** +31 591 668155 **Fax:** +31 591 668150

**E-mail:** [hschepers@wellservices-group.com](mailto:hschepers@wellservices-group.com)

[www.wellservices-group.com](http://www.wellservices-group.com)

**Contact (PPSA & Sales):** Harry Schepers

### WSG Industrial Services UK Ltd

Unit B, Rosie Road, Normanton, Wakefield, WF6 1ZB, UK

**Tel:** +44 1924 898 250 **Fax:** +44 1924 898 714

**E-mail:** [gturner@wellservices-group.com](mailto:gturner@wellservices-group.com)

**Contact (Sales):** G Turner

### PNS Asia Pacific Pte Ltd

22 Changi South Street 1, Singapore 486776

**Tel:** +65 6265 0709 **Fax:** +65 6264 0809

**E-mail:** [gturner@wellservices-group.com](mailto:gturner@wellservices-group.com)

**Contact:** G Turner

The founders and directors of PNS b.v. (now known as WSG Industrial Services b.v.) have more than 20 years of experience in the pipeline and process industry. It is their desire to provide a service to the company's clients with an excellent pitch towards safety, efficiency, innovation and quality. During 2009 PNS b.v. merged with its partner company, Coil Services b.v. (now known as WSG Coil Services b.v.) and later on merged with WSG Slickline Services b.v. to form one company employing 350 people worldwide. Today WSG Industrial Services b.v. is a member of the Well Services Group.

WSG Industrial Services b.v. is an integrated service company offering a range of solutions for the onshore and offshore oil & gas industry, the LNG industry, petrochemical industry, pipeline industry, renewable energy industry, industrial chemical industry, power generation industry, pharmaceutical and manufacturing industry. WSG Industrial Services is designed to optimize production and minimize downtime during the whole lifecycle of the pipeline and / or process plant.

## Associate Members

### BATTERY MANUFACTURERS/SUPPLIERS

Engineered Power ..... 32

### BRUSH MANUFACTURERS

Cottam Brush Ltd ..... 32

Fiberbuilt® Manufacturing Inc..... 33

KOTI-Dawson Ltd ..... 33

Osborn GmbH..... 33

### ELECTRONICS AND PRESSURE TIGHT CABLES

Innotech Electronic GmbH ..... 33

### OIL AND GAS PRODUCTION AND EXPLORATION

Equinor ASA ..... 33

Shell International Ltd..... 34

### PIPELINE REINFORCEMENT SYSTEM

3X Engineering ..... 32

### PIPELINE SYSTEM OPERATOR

S.N.T.G.N. Transgaz S.A. .... 34

### POLYURETHANE MANUFACTURER

Eagle Polymers, LLC ..... 32

STOCKMEIER Urethanes USA, Inc. .... 34



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**[www.ppsa-online.com](http://www.ppsa-online.com)**  
**for more information and**  
**Hyperlinks to Members'**  
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12th February 2024  
Houston  
Texas, USA

## 3X ENGINEERING

### PIPELINE REINFORCEMENT SYSTEM

9, avenue Albert II, 98000 MONACO

**Tel:** +377 92 05 79 81

**Fax:** +377 92 05 72 71

**E-mail:** 3x@3xeng.com

**www:** 3xeng.com

**Contact (PPSA & Sales):** Stanislas Boulet d'Auria

For over 30 years, 3X ENGINEERING is one of the world leading companies specialized in pipeline maintenance using composite technology. Mainly operating in the oil and gas industry, 3X expertise also extends to power and construction sectors. Developer, manufacturer, seller and installer of their products they offer their clients a complete integrated service. From their head offices in Monaco, they operate worldwide (onshore, offshore and subsea), thanks to their large qualified distribution network of over 60 partners.

3X range of products: REINFORCEKiT® 4D: High-performance composite repair solution for pipe reinforcement; REINFORCEKiT® 4D SUSBEA: Subsea composite repair solution for pipe reinforcement; REINFORCEKiT® 1D: Composite prepreg solution for protection and reinforcement; REINFORCEKiT® PATCH: Long-term composite repair solution for tank reinforcement; TANKiT®: Emergency composite repair solution for tank reinforcement; STOPKiT®: Online leak sealing solution for emergency pipe repair; STOPKiT® VESSEL: Online leak sealing solution for emergency tank repair; ROLLERKiT®: Pipe and support protection against corrosion under support; REFLANGEKiT®: Online SF6 leak sealing solution for flange repair; REINFORCEKiT® BEAM: Composite repair solution for structure reinforcement; DKiT®: Anti-corrosion solution for structure protection.

## Cottam Brush Ltd

### BRUSH MANUFACTURER

Unit 7, Monkton Business Park North,  
Hebburn NE31 2JZ, UK

**Tel:** +44 191 428 2510

**E-mail:** sales@cottambrush.com

**www:** cottambrush.com

**Contact (PPSA):** Susan Stewart, Sales Manager  
susan.stewart@cottambrush.com

**Contact (Sales):** Eddie Moon, Process Engineer

Technical brush solutions through partnership and innovation.

Their Technical Brush division design and supply specialist cleaning and inspection brushes for all types

of pipeline pigs. With over 30 years of sector experience, knowledge and knowhow – they supply solutions that deliver results.

Their technical team will help deliver your project. They will listen, advise and propose innovative solutions that utilise the best performing materials and manufacturing methods as well as providing a full design and manufacturing service to produce your ideal technical brush.

They work in partnership with many companies across the world, delivering custom solutions direct to site. Contact them today to discuss your next project.

## Eagle Polymers, LLC

### POLYURETHANE MANUFACTURER

3361 Boyington Drive, Suite 100, Carrollton, TX 75006, USA

**Tel:** +1 9034051243

**E-mail:** mgolden@eaglepolymers.com

**www:** eaglepolymers.com

**Contact (PPSA & Sales):** Matthew Golden

Eagle Polymers is Carrollton, TX headquartered manufacturer of polyurethane systems used in the manufacture of foam pigs. Eagle acquired the assets of Leeco Industries which had a 35 year track record of success in the pigging industry. All of their products are manufactured at their 24000 square foot facility conveniently located in Houston, TX. Eagle Polymers prides itself on its product quality and unsurpassed customer service and support.

## Engineered Power

### BATTERY MANUFACTURER

#20, 3103-14 Ave N.E., Calgary, Alberta, Canada, T2A 7N6

**Tel:** +1 403 235 2534 **Fax:** +1 403 235 2590

**E-mail:** rickmarshall@engineeredpower.com

**www:** engineeredpower.com

**Contact:** Rick Marshall  
Mobile: +1 403 660 3108

Engineered Power provides the oilfield industry with innovative power solutions for extreme environments. Engineered Power (EP) produces primary lithium thionyl chloride batteries (3.6V), and lithium sulfuryl chloride batteries (3.9V) specifically for pigging, oil and gas applications. EP's cells are rated up to 225C and are designed and tested to high shock and vibration levels. EP's rigorous cell testing and intensive product inspections ensure maximum performance, reliability and shelf life. Worldwide distribution ensures short lead time for cells & battery packs.

## Equinor ASA

### OIL AND GAS PRODUCTION AND EXPLORATION

N-4035 Stavanger, Norway

**Tel:** +47 51 99 00 00 **Fax:** +47 51 99 00 50

**E-mail:** rvel@equinor.com

**www:** equinor.com

**Contact (PPSA):** Robin Veldt

International Energy Company

## Fiberbuilt® Manufacturing Inc

### BRUSH MANUFACTURER

3613 63rd Avenue NE, Calgary, Alberta, T3J 5K1, Canada

**Tel:** +1 800 661 8132 or +1 403 274 6366

**Fax:** +1 800 661 3137 or +1 403 275 4718

**E-mail:** brush@fiberbuilt.com

**www:** fiberbuilt.com

**Contact (PPSA & Sales):** Dan Fletcher

Fiberbuilt® a leading brush manufacturer in the pipeline industry. Fiberbuilt®'s patented MFL brushes and pipeline cleaning brushes have been laboratory tested for best magnetic flux conductivity, strength and wear resistance.

Fiberbuilt® manufactures with a variety of wire types, diameters and sleeve dimensions. For the past 50 years, Fiberbuilt® has used its innovative engineering and experience to customize industrial brushes to meet industry requirements.

## Innotech Electronic GmbH

### ELECTRONICS AND PRESSURE TIGHT CABLES

Linkenheimer Weg 51, 76646 Bruchsal, Germany

**Tel:** +49 (0) 7251 9323 80

**E-mail:** w.markus@innotech-electronic.de

**Website:** <http://innotech-electronic.de>

**Contact (PPSA & Sales):** Wolfgang Markus

Cable tailoring: Innotech Electronic cables are successfully used during pipeline inspection in the oil and gas industry and prove themselves daily under adverse environmental conditions. The cables are exposed to dynamic high pressures, vibrations, temperature fluctuations and shocks in various pipeline media such as crude oil, natural gas, diesel, kerosene and salt water. All cables are manufactured and tested according to customer requirements.

Electronic manufacturing: Innotech Electronic assembles printed circuit boards, from prototype to mid-size series. Printed circuit boards with SMD are soldered in the vapor phase, which guarantees the highest quality.

They also offer: – Manufacturing and testing according to customer specifications; – Assembly of electronic components and complete equipment units and repairs.

The potting of electronic components for direct use in pipelines completes their offer.

## KOTI-Dawson Ltd

### BRUSH MANUFACTURER

Clayton Wood Rise, West Park Ring Road, Leeds, LS16 6RH, UK

**Tel:** 0113 275 9321 **Fax:** 0113 275 2761

**E-mail:** enquiry@dawsonbrush.co.uk **www:** koti-eu.com

**Contact (PPSA & Sales):** Andrew Robson

Established in 1966, KOTI has developed into a specialist manufacturer of industrial and technical brushes for all branches of industry. Part of their range includes internal and external tube cleaning brushes, brushes for attaching to "Pigs" for pipeline cleaning. Their objective is to ensure that their brushes provide additional value to their customer's production processes. KOTI combines decades of craftsmanship with the latest manufacturing technology.

KOTI has established itself as a global group company with a considerable reputation as a market leader.

## Osborn GmbH

### BRUSH MANUFACTURER

Ringstrasse 10, D-35099 Burgwald, Germany

**Tel:** +49 6451 588-160 **Fax:** +49 6451 588-206

**E-mail:** thildebrandt@osborn.de

**www:** osborn.com

**Contact (PPSA & Sales):** Torsten Hildebrandt,  
Vice President Industrial Tools

Osborn offers weld cleaning brushes for stringer bead, root and hot pass cleaning, all sizes of cup brushes for pipe end and bevel cleaning, double joint cleaning brushes, encapsulated brushes for automatic welding processes, weight coating brushes, brushes for line travelling machines, brushes for internal and external pipe cleaning, brushes for cut back of multilayer PPN and PE coatings, hand wire scratch brushes, welder's anti-spatter spray (liquid or powder type).

They also offer a wide assortment of cutting wheels, grinding wheels, flap discs, diamond cutting wheels, diamond tools, coated abrasives and vitrified wheels.

## Shell International Ltd

### OIL AND GAS EXPLORATION AND PRODUCTION

Shell Centre, 2 York Road, London SE1 7LZ, UK

**Tel:** +44 207 934 5719

**www.shell.com**

**Contact (PPSA):** Andy Studman

## STOCKMEIER Urethanes USA, Inc

### POLYURETHANE MANUFACTURER

20 Columbia Boulevard, Clarksburg, WV 26301, USA

**Tel:** +1 304 624 7002 **Fax:** +1 304 624 7020

**E-mail:** b.blundell@stockmeier.us.com

**www.stockmeier-urethanes.com**

**Contact:** Ben Blundell, Business Director Americas

STOCKMEIER Urethanes USA, Inc., located in Clarksburg, WV, is a subsidiary of the STOCKMEIER Group which was founded in 1991 in Bielefeld, Germany as a polyurethane systems house focused on the development and production of coatings, adhesives, sealants and elastomers. They currently operate four manufacturing facilities worldwide specializing in developing customized urethane solutions for products in numerous markets such as pipeline pigging, subsea, electrical, automotive, and sport surfaces to name a few. With years of experience and research, STOCKMEIER Urethanes is able to provide their clients with the support they need to select the perfect product to meet their needs. Their clients will receive the most efficient and cost-effective polyurethane system every time making STOCKMEIER Urethanes The Smart Solution.

## S.N.T.G.N. Transgaz S.A.

### PIPELINE SYSTEM OPERATOR

Sediul: P-ța C. I. Motaș nr. 1, 551130 Mediaș, jud. Sibiu, România

**www.transgaz.ro**

### Departamentul Accesare Fonduri Europene și Relații Internaționale

**Tel:** +40 374 191490 **Fax:** +40 213-122701

**E-mail:** irina.stefan@transgaz.ro

**Contact:** Dra Irina Ștefan

TRANSPORTATION AND SYSTEM OPERATOR OF THE NATIONAL NATURAL GAS TRANSMISSION SYSTEM

SNTGN TRANSGAZ SA is the technical operator of the National Gas Transmission System (NTS) which ensures

the transmission, under safe, efficient and competitive conditions, of over 90% of the natural gas consumed in Romania, in accordance with the EU performance and environment standards.

As sole technical operator of the Romanian Gas Transmission System, SNTGN TRANSGAZ SA provides, in accordance with the EU and national standards on quality, performance, environment and sustainable development, the following: Domestic and international gas transmission services; Dispatching and research – design activities for natural gas transmission.

The company intends to become an internationally reputable gas transmission operator, a leader on the regional energy market, with a modern national gas transmission system, integrated at European level and a very competitive management system.

## Individual Members

### Andy Bain

#### AB-Solve Ltd

5 The Dene, Whitley Bay, Tyne and Wear, NE25 9AB, UK

**Mobile:** +44 7909 220 281

**E-mail:** andy.bain@ab-solve.com

Independent ILI Consultant helping pipeline operators and industry bodies gain value and the required inspection results. Based on 30+ years' experience.

### Richard Espiner

Espiner Consulting Ltd, 32 Murdoch Road, Wokingham, RG40 2DF, UK

**Tel:** 07384 016247

**E-mail:** richard.espiner@outlook.com

Pipeline integrity consulting. ILI tool selection, development & qualification. Development of standards & specifications. Technical Adviser to PPSA.

### Dennis Fandrich

EITEP Institute, Marie-Jahn-Str. 20, 30177 Hannover, Germany

**Tel:** +49 511 90992-22 **Fax:** +49 511 90992-69

**E-mail:** d.fandrich@eitep.de

**www.eitep.de**

The EITEP Institute is organizer of the Pipeline Technology Conference (ptc) and publisher of the Pipeline Technology Journal (ptj).



### **Marcelino Guedes Gomes**

PIPELINEBRAZIL LTDA, Av. Rio Branco 173 Grupo 1704  
Centro Rio de Janeiro, RJ CEP: 20.040-006 – Brazil  
**Tel:** +55 21 992516114

**E-mail:** marcelino@pipelinebrazil.com

**www:** pipelinebrazil.com

Pig design, pigging engineering, flow assurance, wax removal, subsea applications, modelling and simulation, full-scale testing and multi-diameter pigging and illegal-tapping detection.

### **BJ Lowe**

#### **Clarion Technical Conferences, LLC**

2715 Houston Avenue, Houston, TX 77009, USA

**Tel:** +1 713 416 9546

**E-mail:** bjlowe@clarion.org **www:** clarion.org

**Website:** <https://ppimconference.com>

Organizer/publisher of training courses, conferences and reference books for the pipeline industry.

### **Steven Ma**

#### **Central Polymer & Engineering Supply**

No. 23, Neythal Road, Blk B, #01-03D2, Singapore 628588

**Tel:** +65 62622305 **Fax:** +65 62622135

**E-mail:** rubber@pacific.net.sg **www:** cpes.com.sg

Manufacturer/trader of polyurethane stud decoking pigs, foam pigs, pig studs.

### **Aidan O'Donoghue**

#### **Pipeline Research Ltd**

PO Box 5521, Glasgow G46 6YX, UK

**Tel:** +44 141 6378093 **Fax:** +44 870 0513697

**E-mail:** aidan@pipeline-research.com

**www:** pipeline-research.com

Pipeline & pigging consultant. Routine & specialist applications; feasibility studies & appraisals; testing and pig verification; modelling & software; expert witness. Technical Adviser to PPSA.

### **Siavash M. Pirsiavash**

Olav Brunborgsvei 6, 1396 Billingstad, Norway

**Tel:** +968 92077377 **E-mail:** pirsiavash@gmail.com

Pipeline Pigging and Integrity Senior Consultant, ILI expert, FFS, Integrity assessment of onshore/offshore pipelines, Designing and Operation of tailor-made cleaning pigs, ILI and Pigging training courses instructor.

### **Patrick C Porter**

#### **P C Porter Consulting Inc**

17330 Meadow Heights, Houston, Texas 77095, USA

**Tel:** +1 281 856 8552

**E-mail:** pcporter@hotmail.com

Consultant on pipeline integrity and ILI issues. Former President of PPSA. Technical Adviser to PPSA.

### **Edward Rubel**

INS Products, Inc, 68 Landing Rd. South, Rochester, NY 14610, USA

**Tel:** +1 585-678-9106 **Fax:** +1 585-678- 9284

**E-mail:** ins2@frontier.com

**www:** pipecopig.com

Manufacturers of PiggBettr carbide appendages for pipeline pigs, designed to improve and speed up pigging operations and reducing costs.

### **Dr J Smart**

#### **John Smart Consulting Engineers**

542 Stoneleigh Dr., Houston, Texas 77079, USA

**Tel:** +1 281 493 5946 / +1 281 493 0383

**Fax:** +1 281 493 5024 **Mobile:** +1 832 656 5946

**E-mail:** jacksmartiii@hotmail.com

Corrosion Consultant: internal corrosion in pipelines, chemical treating, pigging programs. Technical adviser to PPSA.

## **Honorary Members**

### **Peter Fretwell**

Pipeline pigging consultant. Former President of PPSA.

### **Gill Hornby**

Retired Executive Secretary of PPSA

### **Chris Kershaw**

Founder member of PPSA. First President (1991–1992). Treasurer (1991–2000).

### **Coleman McDonough**

424 Granada Calle Ct., Granbury, TX 76049, USA

**Tel:** +1 817 480 2147

**E-mail:** cmcdono720@aol.com

Pipeline pigging consultant. Former President of PPSA.

### **Gary Smith**

Retired – Inline Services LLC, 15 Pine Briar Cr Houston, Texas 77056, USA

**Tel:** +1 713-252-8887

**E-mail:** gsmith@puravida461.com

45 years in the International service, manufacturing and consulting sectors of the pigging industry. Gary was also President of PPSA from 1992 to 1994.

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