

# Vendor Profiles



	A. R. Wilfley & Sons, Inc. 5870 East 56th Avenue Commerce City, CO 80022
Company website	<a href="http://www.wilfley.com">www.wilfley.com</a>
Market coverage	Worldwide
Contact person	Douglas Segovia
Office phone	+1 (303) 779-1777 / +1 (303) 779-1277
Mobile phone no.	+1 (303) 929-0468
E-Mail address	<a href="mailto:dsegovia@wilfley.com">dsegovia@wilfley.com</a>
Products	Wilfley builds highly reliable and safe pumps for ammonium nitrate and nitric acid producers worldwide. Pumps are dynamically sealed which eliminates the need for flush water that is both expensive and can dilute the product. Dynamic sealing means there is no heat from rubbing seal face friction. This patented sealing method has proven itself for almost 100 years. Common options include : all stainless construction, Kalrez wetted o'rings, one or more dry thermowells, multiple wash out and drain ports, crust breaker valves, flush panels, thermocouples/RTDs with temperature transmitters, bearing temperature monitoring and case and/or seal housing jackets.

	A.W.S. CORPORATION SRL Viale Padania 10 24055 Cologno al Serio (BG) ITALY
Company website	<a href="http://www.awscorp.it">www.awscorp.it</a>
Market coverage	World wide (Ammonium Nitrate, Nitric Acid, Urea)
Contact person	Alessandro Gullà
Office phone	+39 0354819888
Fax no.	n.a.
Mobile phone no.	+39 3456498248
E-Mail address	<a href="mailto:gulla@awscorp.it">gulla@awscorp.it</a>
Products	MIST ELIMINATORS VENTURI SCRUBBER TRAYS OR PACKING SCRUBBER WET ELECTROSTATIC PRECIPITATOR ATOMIZING NOZZLES
Services	TURN-KEY PLANT SUPPLY SUPERVISION & PLANT START-UP EXISTING PLANTS RETROFIT

	Alfred H Knight International Ltd Kings Drive, Prescott, L34 1PJ UK
	Alfred H Knight North America 130 Tradd Street, Spartanburg, SC 29301
Company website	<a href="http://www.ahkgroup.com">www.ahkgroup.com</a>
Market coverage	Global
Contact person	John Moulding, Danny Kast (US)
Office phone	
Fax no.	
Mobile phone no.	+44 7500 228172, 864-606-2260
E-Mail address	<a href="mailto:john.moulding@ahkgroup.com">john.moulding@ahkgroup.com</a> ; <a href="mailto:danny.kast@ahkgroup.com">danny.kast@ahkgroup.com</a>
Services:	Inspection, Sampling & Analysis of Minerals & Metals

	Alleima 8618 W Little York Rd., Ste. 100 Houston, TX 77040
Company website	<a href="https://www.alleima.com/en/">https://www.alleima.com/en/</a>
Market coverage	Fertilizer - Urea, Nitric Acid, Potash, Sulfuric Acid, Phosphoric Acid
Contact person	Johnnie Nguyen
Office phone	n/a
Fax no.	n/a
Mobile phone no.	+1 (346) 803-8807
E-Mail address	<a href="mailto:Johnnie.Nguyen@alleima.com">Johnnie.Nguyen@alleima.com</a>
Products:	Alleima is a world-leading developer and manufacturer of highly engineered products in advanced stainless steels including duplex, super-duplex, hyper-duplex, nickel alloys, titanium, zirconium and other materials for the most demanding industries, such as energy, aerospace and chemical. Our tubular products are widely used in heat exchangers, cooler condensers, sour water strippers, and other piping systems in the production and processing of urea, ammonia, phosphoric acid, nitric acid, and sulphuric acid.
Services:	<ul style="list-style-type: none"> <li>- Digital Monitoring</li> <li>- Materials Consulting and Testing</li> <li>- New Development</li> <li>- Fabrication and Support</li> <li>- Materials Training</li> </ul>



	Alloy Engineering 844 Thacker Street Berea, Ohio 44017
Company website	<a href="http://www.alloyengineering.com">www.alloyengineering.com</a>
Market coverage	World
Contact person	F. Burke Allen
Office phone	(440) 591 7123
Fax no.	(440) 243 6489
Mobile phone no.	(440) 591 7123
E-Mail address	<a href="mailto:ballen@alloyengineering.com">ballen@alloyengineering.com</a>
Products	Catalyst Baskets (all plant pressure classes), Converter Vessels, Heat Exchangers, Turbine Gas Heaters, Expander Gas Heaters, Tailgas Heaters, Reheaters, Burner Cones, Cooler Condensers, Mixers, Pipe Spools.
Services	Design & Fabrication of process equipment, specializing in nickel base alloys and stainless steels for high temperature and corrosive applications

	Apex Engineered Products 2659 Lake Road Clark, PA 15113 United States
Company website	<a href="http://www.apexep.com">www.apexep.com</a>
Market coverage	Worldwide
Contact person	Adam McGaughey & Mirek Kukielka
Office phone	724-962-8717
Fax no.	724-962-8722
Mobile phone no.	724-831-9738
E-Mail address	adam@apexep.com & mirek@apexep.com
Products	Anodically Protected 304/316 SS Sulfuric Acid Coolers, Heaters, Re-Heaters, Pre-Heaters, Condensers, Vaporizers, Pressure Vessels, Reaction Towers, Acid Evaporators, Sparging Rings, Dehydration Columns, Reboilers, and more.
Services	Best-In-Class Design and Fabrication of chemical process equipment for the production of Nitric Acid, Urea, Phosphoric Acid, Sulfuric Acid, Ammonia, Ammonium Nitrate, Pesticides & Herbicides. Experts in reactive metals (Zirconium, Titanium, Niobium, Tantalum) and nickel alloy-based solutions.



	Arkema-ArrMaz 4800 State Road 60 East Mulberry, Fl. 33860
Company website	<a href="http://arkema.com">arkema.com</a>
Market coverage	Global
Contact person	CLARE AITKEN, PH.D
Office phone	+1 740 380 3718
Fax no.	
Mobile phone no.	+1 740 591 2263
E-Mail address	<a href="mailto:fertilizer.surfactants@arkema.com">fertilizer.surfactants@arkema.com</a>
Products	Products include anticake, granulation and porosity additives.
Services	Services include on-site application and process support, laboratory services, inventory management services, and equipment and automation services.



	<p>ARVOS GmbH   SCHMIDTSCHESCHACK Parsevalstraße 9A 40468 Düsseldorf Germany</p>
Company website	www.schmidtsche-schack.com
Market coverage	Worldwide
Contact person	Michael Schoetz / Alexis Bock
Office phone	+49 211 4726 - 0
	Schoetz extension - 118
	Bock extension - 249
Fax no.	+49 211 4726 - 200
Mobile phone no.	Schoetz +49 1707696498
	Bock +49 15115144624
E-Mail address	michael.schoetz@arvos-group.com
	alexis.bock@arvos-group.com
Products	<p>Process Gas Cooling solutions for nitric acid plants including catalyst baskets, Air Preheaters and Boilers for carbon black and sludge incineration plants Fired Heaters for TiO<sub>2</sub>, acetylene, refinery, and sulphuric acid plants Process Gas Boilers and Steam Superheaters for hydrogen, ammonia, and methanol plants Recuperators for glass and steel plants Syngas Coolers for gasification and partial oxidation plants Transfer Line Exchangers for ethylene plants Waste Heat Recovery Units for steam reforming and DRI plants</p>
Services	<p>SCHMIDTSCHESCHACK   ARVOS best known as a leading designer, fabricator, and service provider for its outstanding and customized heat transfer solutions for highest pressures and temperatures since 1910: Feasibility studies Development of new designs Engineering Project management Maximum extend of shop fabrication Digital predictive maintenance solution, Zero.One® Service support</p>



	Athlon, A Halliburton Service 5500 N Sam Houston Parkway W, Suite 800 Houston, TX 77086
Company website	<a href="http://www.halliburton.com">www.halliburton.com</a>
Market coverage	Ammonia / fertilizer, Refining, Petrochemical, Contract Manufacturing & Wholesale, and Co-generation for power/utilities industries.
Contact person	Colleen Chambliss
Office phone	
Fax no.	
Mobile phone no.	346-345-9523
E-Mail address	<a href="mailto:colleen.chambliss@halliburton.com">colleen.chambliss@halliburton.com</a>
Products	Industrial water and process specialty chemicals
Services	Implementing, maintaining and optimizing industrial water and process treatment programs, which involve specialty chemicals, novel applications, and mechanical/ process engineering solutions.

	BDGT Precision Engineering 149 Bradman Street Acacia Ridge QLD 4110 Australia
Company website	<a href="http://www.bdgt.com.au">www.bdgt.com.au</a>
Market coverage	85% of Australia
Contact person	Nathan Watt
Office phone	07 3344 5744
Fax no.	N/A
Mobile phone no.	0417 878 490
E-Mail address	<a href="mailto:nathan@bdgt.com.au">nathan@bdgt.com.au</a>
Products	Prill plates and relevant assembly manufacturing
Services	We reverse engineer/manufacture mechanical components, this includes but is not limited to, Prill plates and assemblies. Our process delivers components equal in quality and often more competitive than OEM supply.

	Begg Cousland Envirotec Ltd 205 White Studios 62 Templeton Street Glasgow G40 1DA, United Kingdom
Company website	<a href="http://www.beggcousland.com">www.beggcousland.com</a>
Market coverage	Worldwide
Contact person	Martyn Dean
Office phone	+44 141 556 2289
Fax no.	+44 141 550 1653
Mobile phone no.	+44 7860604949
E-Mail address	<a href="mailto:martyn.dean@bcenvirotec.com">martyn.dean@bcenvirotec.com</a>
Products	Knitted Wiremesh Demisters Fibre Bed Mist Eliminators (Candle Filters) A.N. & C.A.N. Fume Scrubber Mesh Pads Nitric Acid Plant PT Recovery Filters Granulator Exit Gas Scrubbing Systems Prill Tower Exit Gas Scrubbing Systems Ammonia Abatement Scrubbing Systems
Services	Benvitec Environment BlueFil® Mesh Becoflex Rotary Brush Scrubber

	Casale SA Via G. Pocobelli 6 6900 LUGANO Switzerland
Company website	<a href="http://www.casale.ch">www.casale.ch</a>
Market coverage	World wide
Contact person	Andrea Fini
Office phone	0041916419200
Fax no.	0041916419291
Mobile phone no.	<a href="tel:+41754037202">+41 754037202</a>
E-Mail address	<a href="mailto:a.fini@casale.ch">a.fini@casale.ch</a>
Products	Nitric acid, ANS, AN, CAN, LDAN
Services	Licensing, Basic and Detail design, supply of equipment and materials, EP/EPC contracting





	<p>Chemetics Inc. 2001 Clements Road Pickering, ON, Canada L1W 4C2</p>
Company website	<a href="http://www.worley.com/chemetics/">www.worley.com/chemetics/</a>
Market coverage	<p>Chemetics provides custom design and fabrication of process equipment, specializing in supporting greenfield projects, as well as maintenance and turnarounds. From our modern facility located in Pickering Canada currently undergoing expansion, Chemetics designs and fabricates custom shell and tube heat exchangers, pressure vessels and reformers for the Ammonium Nitrate, Nitric Acid, Fertilizer, Blue Hydrogen &amp; Ammonia, Chemical, Sulphuric Acid, Oil Refinery and Nuclear industries worldwide. Chemetics is a supplier, collaborator and partner for our customers in these markets.</p>
Contact person	Snezana Velimirovic, Senior BD Manager
Office phone	905-619-5208
Fax no.	
Mobile phone no.	647-702-7898
E-Mail address	<a href="mailto:snezana.velimirovic@worley.com">snezana.velimirovic@worley.com</a>
Products	<p>Shell and Tube Heat Exchangers Reboilers Condensers Evaporators Reactors Reformers Gas to Gas Exchangers Converters Acid Coolers Waste Heat Boilers Burners Speciality Fabrications</p>
Services	<p>Fabrication Engineering (Thermal, Mechanical, and Corrosion) Project Management Troubleshooting Worldwide Procurement Transportation/Logistics Welding Engineering/Metallurgist</p>



	CFI HOLDING PTE LTD 24 Raffles Place, #28-00 Clifford Centre, Singapore 048621 REPUBLIC OF SINGAPORE
Company website	<a href="https://www.cfiholding.com">https://www.cfiholding.com</a>
Market coverage	Worldwide
Contact person	Lydia Ng
Office phone	
Fax no.	
Mobile phone no.	+6588040048
E-Mail address	<a href="mailto:lng@cfiholding.com">lng@cfiholding.com</a>
Products:	<ul style="list-style-type: none"> <li>• nitrates, nitric acid &amp; nitrogenous compounds</li> <li>• nitrophosphates</li> <li>• straight and NP/NK/PK/NPK fertilizers</li> <li>• SSP, TSP</li> <li>• MAP/DAP, MCP/DCP</li> <li>• liquid fertilizers</li> <li>• H<sub>2</sub>SO<sub>4</sub> / H<sub>3</sub>PO<sub>4</sub> and derivative products</li> <li>• any type of sulphuric acid plant (from solid sulphur or from gases or residue containing sulphur).</li> </ul>
Services:	CFIh provides a wide range of services including technical feasibility study, plant audit, basic and detailed engineering for grass-root and modernization projects, procurement services, project management, on-site activities and proprietary equipment supply.



	Clariant 1600 W. Hill Street Louisville KY 40210 - USA
Company website	<a href="http://www.clariant.com/catalysts">www.clariant.com/catalysts</a>
Market coverage	Global
Contact person	Betsy Heck
Office phone	+1 502 634 7255
Fax no.	
Mobile phone no.	
E-Mail address	<a href="mailto:betsy.heck@clariant.com">betsy.heck@clariant.com</a>
Products	EnviCat® range of emission control catalysts: EnviCat® N2O efficiently removes nitrous oxide from the tail gas of nitric acid plants.
Services	Clariant's Catalysts is a global developer and producer of catalysts for industrial processes. It has been part of the Clariant Group since the acquisition of Süd-Chemie in 2011. Clariant Catalysts is headquartered in Munich, Germany, and has a total of 15 production sites (incl Joint Ventures), 7 sales offices, and 10 R&D and technical centers around the world. Approximately 2 044 employees serve customers across all regional markets. Aimed at delivering sustainable value to customers, Clariant's catalysts and adsorbents are designed to increase production throughput, lower energy consumption, and reduce hazardous emissions from industrial processes. The broad portfolio also includes products that enable the use of alternative feedstock for chemical and fuel production.



	ClimeCo 1 E Philadelphia Ave Boyertown, PA 19512
Company website	<a href="http://www.climeco.com">www.climeco.com</a>
Market coverage	Global
Contact person	Dave Priddy
Office phone	484.415.0501
Fax no.	
Mobile phone no.	484.415.0501
E-Mail address	<a href="mailto:info@climeco.com">info@climeco.com</a>
Products	ESG Advisory, Project Development, Environmental Credits, and Plastic Credits
Services	ClimeCo is a respected global advisor, transaction facilitator, trader, and developer of environmental commodity market products, projects, and related services. We specialize in voluntary carbon, regulated carbon, renewable energy credits, plastics credits, and regional criteria pollutant trading programs. Complementing these programs is a team of professionals skilled in providing sustainability program management services, and developing and financing of GHG abatement and mitigation systems.

	De Smet Agro Watson & Crick Hill Rue Granbonpré 11 1435 Mon-Saint-Guibert, Belgium
Company website	<a href="http://www.dsengineers.com">www.dsengineers.com</a>
Market coverage	Worldwide
Contact person	Sébastien Bernard
Office phone	+32 10 43 43 00
Fax no.	
Mobile phone no.	+32 470 13 44 04
E-Mail address	<a href="mailto:sebastien.bernard@dsengineers.com">sebastien.bernard@dsengineers.com</a>
Products:	Ammonium Nitrate (AN, CAN, TAN) Calcium Nitrate, Phosphoric Acid, NPK, Air Treatment <input type="checkbox"/>
Services:	Audit, Feasibility studies, basic engineering, EPCM <input type="checkbox"/>



	ECS (Environmental Catalytic Systems) 13799 Park Blvd. #259 Seminole FL 33776
Company website	<a href="http://www.ecscatalyst.com">www.ecscatalyst.com</a>
Market coverage	Nitric Acid/Ammonia
Contact person	Rick Smojver
Office phone	551-265-2505
Fax no.	727-342-6841
Mobile phone no.	
E-Mail address	<a href="mailto:richard@ecscatalyst.com">richard@ecscatalyst.com</a>
Products	deNOx Catalyst deN2O Catalyst
Services	DeNOx/DeN2O System design including vessel fabrication, CEMS Monitoring equipment, Skid Design and Fabrication.

	ENERCAT 9 rue Galilee ; 56270 Ploemeur ; France
Company website	<a href="https://www.alsys-group.com/en/">https://www.alsys-group.com/en/</a>
Market coverage	Gas emissions control ; NOx & N2O abatement catalysts ; SCR process
Contact person	<a href="#">Adrien SERVE ; Business Development Manager</a>
Office phone	+33 (0) 297 830 123
Fax no.	
Mobile phone no.	+33 (0) 651 577 956
E-Mail address	<a href="mailto:adrien.serve@alsys-group.com">adrien.serve@alsys-group.com</a>
Products	NOx abatement catalysts ; N2O abatement catalysts ; SCR process
Services	catalysts refilling, catalyst testing & characterization, emission control process engineering & assistance



	<p>ESPAÑOLA DE INVESTIGACION Y DESARROLLO, S.A. (ESPINDESA) Arapiles, 13 28015-MADRID (SPAIN)</p>
Company website	<a href="http://www.espindesa.es">www.espindesa.es</a>
Market coverage	Worldwide
Contact person	Silvia Marzo, Commercial Department
Office phone	+34 91 158 9660
Fax no.	+34 91 448 0456
Mobile phone no.	+34 648 451 243
E-Mail address	<a href="mailto:smarzo@trsa.es">smarzo@trsa.es</a> ; <a href="mailto:jrferrer@trsa.es">jrferrer@trsa.es</a>
Products	<p>ESPINDESA is a subsidiary of Tecnicas Reunidas, S. A. (TR), the leading Spanish Engineering company, with more than 60 year of experience in the design and management of construction of more than 1,000 industrial plant, in over 50 countries around the world</p> <p>ESPINDESA is devoted to the development and transfer of technologies and licenses for production of Nitric Acid (weak, azeotropic and concentrated), Ammonium Nitrate Solution and Prill Ammonium Nitrate (dense and porous AN) and Granular Fertilizers as MAP,DAP / NPK, AN / CAN and ASN.</p>
Services	<p>ESPINDESA is able to provide a wide range of services, from feasibility and conceptual studies, licensing and process package development, up to the turn key projects.</p> <p>ESPINDESA competitive edge is the experience and expertness of its technical personnel; also, the experience and flexibility to work with different contractors and adapting its technologies to the requirements of the customers.</p>



	FLEXIM Americas Corporation 250 -V Executive Drive Edgewood, NY 11717
Company website	<a href="http://www.flexim.com">www.flexim.com</a>
Market coverage	Mass Flow, Concentration and Density Measurement within the chemical and fertilizer industry Measurable products: Acids, Caustics, Inorganic and Organic Compounds
Contact person	Jim Linahan 713-703-5711 <a href="mailto:jlinahan@flexim.com">jlinahan@flexim.com</a> Frank Flow 205-790-5514 <a href="mailto:fflow@flexim.com">fflow@flexim.com</a>
Office phone	631-492-2300
Fax no.	
Mobile phone no.	
E-Mail address	
Products	Flow Measurement Technology: - Ultrasonic clamp-on mass flow measurement of liquids and gases Process Analytical Technology: - Process Refractometers for the inline concentration measurement of chemicals (acids, organic compounds, hydrocarbons, etc.) - Ultrasonic clamp-on concentration, density and mass flow measurement of chemicals (acids, caustics, other toxic chemicals, etc.)
Services	Flow and Concentration Measurement Services Verification of existing meters Calibration of existing meters



	Flexitallic 403 Plaza Verde Dr. Suite 100 Houston, TX 77038
Company website	<a href="http://www.flexitallic.com">www.flexitallic.com</a>
Market coverage	Global
Contact person	Kathryn Worden
Office phone	830-822-1766
Fax no.	281-604-2415
Mobile phone no.	830-822-1766
E-Mail address	<a href="mailto:kworden@flexitallic.com">kworden@flexitallic.com</a>
Products	Gaskets, Spiral Wound, Flexpro, Sheet Materials, Sigma fully structured PTFE sheet material, Thermiculite High Temperature Non-Oxidizing materials with excellent performance in Nitric Acid Service. Featuring the Flexitallic Change-HF Gasket, the latest technology to solve sealing issues in applications with thermal cycling and HF applications. The Change-HF Gasket has the highest level of dynamic recovery and corrosion protection of any gasket on the market. Proven in the HF market to SEAL!
Services	Fluid Sealing Engineering Services, Torque Recommendations, Application Engineering, Chemical Compatibility Engineering





	Gasket Resources/Durlon 1814 Hwy 146 S. Suite 500 La Porte, Tx. 77571
Company website	<a href="http://Durlon.com">Durlon.com</a>
Market coverage	United States
Contact person	Celese Pauley
Office phone	610-363-5800
Fax no.	
Mobile phone no.	484-889-7463
E-Mail address	<a href="mailto:cpauley@durlon.com">cpauley@durlon.com</a>
Products	PTFE Gasket Material Semi-Metallic Gaskets Compressed Non-Asbestos Flexible Graphite Genuine Viton Spiral wounds High Temperature Material Joint Sealant
Services	Soft and Metal Gasket Fabrication Molded Rubber Products Bolted Joint Assembly Training Classes

	GEMACO PIPING Parc Industriel des Hauts-Sarts Rue de Hermée, 245 4040 Herstal, Belgium
Company website	<a href="http://www.gemaco-piping.com">www.gemaco-piping.com</a>
Market coverage	Worldwide
Contact person	Muriel Merchiers - Managing Director
Office phone	+32 4 370 99 70
Fax no.	+32 4 370 99 71
Mobile phone no.	+32 496 87 20 04
E-Mail address	<a href="mailto:mme@gemaco-piping.com">mme@gemaco-piping.com</a>
Products	Special Stainless Steels for urea and nitric acid applications <ul style="list-style-type: none"> <li>• UNS S31050 - 1.4466 - 310Mo LN - 25.22 2 - 2RE69</li> <li>• UNS S32906 - 1.4477</li> <li>• 316L UG - 3R60</li> <li>• 1.4335 - Uranus 65 - 310L</li> <li>• 1.4361 - Uranus 61</li> </ul> Pipes & tubes, fittings, flanges, forgings, plates & sheets, bars, bolting Taylor made products: bendings, machined pieces, spools, ...
Services	Contractor Services, packages, urgent needs, controls, inspection, expediting & logistic

	Grandperspective GmbH Leuschnerdamm 13 10999 Berlin, Germany
Company website	<a href="http://www.grandperspective.de">www.grandperspective.de</a>
Market coverage	Global
Contact person	Peter Maas
Office phone	+493086384011
Fax no.	
Mobile phone no.	
E-Mail address	<a href="mailto:maas@grandperspective.de">maas@grandperspective.de</a>
Products	scanfeld® gas leak remote early-warning solution The early warning solution for hazardous gas leaks
Services	Gas Leak Detection, Emission Monitoring and Quantification, Cloud Tracking, Post Event Reporting, Pipeline Monitoring

	Graver Technologies 300 West Main St. Honeoye Falls, NY 14472 United States
Company website	<a href="http://www.gravertech.com">www.gravertech.com</a>
Market coverage	Worldwide
Contact person	Mohammad Farooq
Office phone	585-624-1330
Fax no.	585-624-1205
Mobile phone no.	832-459-2005
E-Mail address	<a href="mailto:mfarooq@gravertech.com">mfarooq@gravertech.com</a>
Products	Graver Technologies offers a wide range of industrial filtration products. We offer platinum (PGM) recovery filters for both liquid and gas phase nitric acid. Our unique design allows users to repack gas phase platinum elements on site saving transportation costs and PGM handling. We also offer hot air gas filters and ammonia filters. We have a fabrication shop capable of fabricating to both ASME Code and PED. We offer a complete range of air intake filters for both air compressors and blowers.

	Heraeus Deutschland GmbH & Co. KG (EMEA) Heraeusstraße 12-14, 63450 Hanau, Germany Heraeus Precious Metals North America LLC (Americas) 15524 Carmenita Road, 90670 Santa Fe Springs, CA, United States Heraeus Materials Singapore Pte Ltd (APAC) Loyang Industrial Estate, 30 Loyang Way #02-21, Singapore 508769 Heraeus Materials Technology Shanghai Ltd. (China) No. 1 Guangzhong Road, Minhang District, 201108 Shanghai, China
Company website	<a href="http://www.heraeus-precious-metals.com">www.heraeus-precious-metals.com</a>
Market coverage	Worldwide
Contact person	Elena Weiland (EMEA), Benjamin Tiley (Americas), Edwin Gan (APAC), Patrick Cui (China)
Office phone	+ 49 6181 35 4463 (EMEA) +65 6571 7549 (APAC) +86 21 3357 5512 (China)
Fax no.	
Mobile phone no.	+49 171 5512909 (EMEA) +65 81218324 (APAC) +1 562 483-1891 (Americas) +86 18121298723 (China)



Heraeus continued	
E-Mail address	<p><a href="mailto:elena.weiland@heraeus.com">elena.weiland@heraeus.com</a> (EMEA)  <a href="mailto:ben.tiley@heraeus.com">ben.tiley@heraeus.com</a> (Americas)  <a href="mailto:edwin.gan@heraeus.com">edwin.gan@heraeus.com</a> (APAC)  <a href="mailto:patrick.cui@heraeus.com">patrick.cui@heraeus.com</a> (China)</p>
Products	<p>Heraeus Precious Metals is a leading provider of precious metals services and products. Our extensive portfolio includes products and services for industrial ammonia oxidation and hydrogen cyanide. We supply catalytic gauzes and secondary catalysts for N<sub>2</sub>O reduction, as well as support our customers on their choice of best catalyst design.</p> <p>Catalytic systems are widely used for industrial ammonia oxidation and hydrogen cyanide production. It is our endeavor to achieve constant improvement through close cooperation with our customers before, during and after the use of our products. For this we offer you the additional services such as on-site support and campaign analyses.</p> <p>Nitric acid is a major basic chemical widely produced throughout the world. It is the basis of ammonium nitrate fertilizer production, nitrate explosive production and various other complex acid products. Furthermore, Heraeus has developed primary, secondary and tertiary catalytic solutions to reduce N<sub>2</sub>O emissions significantly. The main application field is in nitric acid plants, where large amounts of N<sub>2</sub>O, commonly referred to as laughing gas, are set free.</p> <p>Caprolactam and Hydroxylamine are intermediate compounds in the production of synthetic polyamide fibres. Although the process types can differ in detail for various technologies the first stage in this process is always an as efficient as possible oxidation of ammonia into nitrogen monoxide. Platinum-Rhodium catalyst gauzes are the best of choice to establish a high efficiency in this process step.</p> <p>Hydrogen Cyanide is manufactured using the Andrussow process, where air, ammonia and methane are reacted on a Platinum gauze system. Cyanide is used widely in the nylon and acrylic glass industries, as well as being used for the heap leaching process in mining.</p>

## Vendor Profiles 2022

	<p><b>Hindustan Platinum Private Limited</b> C-122 TTC Industrial Area Pawane Navi Mumbai 400 703 INDIA</p>
Company website	<a href="http://www.hp.co.in">www.hp.co.in</a>
Market coverage	North America, Europe, Asia, Africa, Australia and Middle East
Contact person	Sundaramoorthy Venkataraman, Assistant Vice President (Engineering
Office phone	+91 22 6190 4316
Fax no.	+91 22 6190 4300
Mobile phone no.	+91 22 6190 4300
E-Mail address	<a href="mailto:nitrocat@hp.co.in">nitrocat@hp.co.in</a>
Products	Hindustan Platinum is a leading refiner and manufacturer of precious metal products. Founded in 1961, we are a global enterprise with an established customer base in over 50 countries across 5 continents. Hindustan Platinum's Navi Mumbai refinery is on the London Platinum and Palladium Market (LPPM) Good Delivery list for Platinum and Palladium and on the London Bullion Market Association (LBMA) Good Delivery list for Silver.
Services	<p>We have an integrated plant for recovery and refining of precious metals from scrap/spent catalyst from various industries including low-grade material from Oil refineries, Petrochemical and other industries. Specific to our Nitro Technologies, our services include:</p> <ul style="list-style-type: none"> <li>• Refining and fabrication of used Platinum alloy catalyst and getter systems for Ammonia oxidation plants</li> <li>• Destructive and non-destructive plant cleaning services for recovery of PGMs from downstream equipment, including low grade dust/ sludge in the plants</li> <li>• Technical advisory services to evaluate and enhance the product and process performances</li> </ul>

	<p><b>Jerry Davis Engineering LLC</b> 2219 Willow Point Drive Kingwood, TX 77339</p>
Company website	
Market coverage	
Contact person	Jerry Davis
Office phone	
Fax no.	
Mobile phone no.	713-858-5024
E-Mail address	<a href="mailto:JDavisEng@aol.com">JDavisEng@aol.com</a>
Services	Provides process engineering studies on HNO <sub>3</sub> plants. Troubleshooting plant issues/ equipment issues, providing revamp studies and efficiency validation. Work provides economic justification for projects and maintenance. All studies use ProSim software. Sharing 45 years of plant operating experience.



	Johnson Matthey PO Box 1, Belasis Avenue Billingham, Cleveland, TS23 1LB, UK
Company website	<a href="http://www.matthey.com">www.matthey.com</a>
Market coverage	
Contact person	Michael Nave
Office phone	016106488066
Fax no.	n/a
Mobile phone no.	+14844335127
E-Mail address	<a href="mailto:michael.nave@jmusa.com">michael.nave@jmusa.com</a>
Products	Johnson Matthey (JM) is a global leader in sustainable technologies that will accelerate the transition to net zero. With over 200 years of commitment to innovation and technological breakthroughs, we improve the function, performance and safety of our customers' products. Our science and sustainable technologies have a global impact in areas such as low emission transport, fuels and energy, chemical processing and making the most efficient use of the planet's natural resources.
Services	Using our knowledge of chemistry and its applications, we research, develop, and innovate solutions to make the world cleaner and healthier. We have the opportunity to be at the forefront, leading the way for our markets and creating breakthrough results that deliver value for our customers through, low carbon hydrogen technology, which reduces CO2 emissions by over 95%; low carbon solutions produced at scale to enable the critical transitions needed today for decarbonization; greener, more sustainable technologies for the chemical, fuels and energy sectors; and catalysis technology and process design to enable the pivot to greener feedstocks. For more information visit, <a href="http://www.matthey.com">www.matthey.com</a>



	K.A. Rasmussen Birkebeinervegen 24 2316 Hamar Norway
Company website	<a href="https://karasmussen.com">https://karasmussen.com</a>
Market coverage	Global
Contact person	Chris Brown
Office phone	+44 (0) 7852 511 691
Fax no.	
Mobile phone no.	+44 (0) 7852 511 691
E-Mail address	<a href="mailto:cb@karasmussen.com">cb@karasmussen.com</a>
Products	K.A. Rasmussen was founded in 1872 and began smelting, chemical refining and manufacturing precious metal products and catalysts (Au, Ag, Pt, Rh, Pd, Ir). Our main product areas are high purity precious metal gauze & getter systems for the ammonia oxidation industry and refining of high & low grade materials. K.A. Rasmussen have over 80 years experience of supplying into the ammonia oxidation industry and proficient technical support for designing to client requirements.
Services	In association with our partners United Recovery Services Group (URSG), K.A. Rasmussen offer a range of cleaning services focusing on Risk Elimination, Plant Production Efficiency, Thermal Efficiencies, Equipment Longevity and Precious Metal Recovery carried out by a globally experienced team.

	Kao Chemicals 10077 Grogan's Mill Road Ste 465 The Woodlands, TX 77380
Company website	<a href="https://www.kaochemicals-eu.com/">https://www.kaochemicals-eu.com/</a>
Market coverage	Global
Contact person	Tejash Gandhi
Office phone	346.242.4007
Fax no.	281.719.8554
Mobile phone no.	346.242.4007
E-Mail address	<a href="mailto:tejash.gandhi@kao.com">tejash.gandhi@kao.com</a>
Products	Internal LDAN additives to improve porosity External coating additives to prevent caking and moisture uptake
Services	Technical support during trials and application Custom formulations to meet specific customer needs



	KBR 601 Jefferson Street Houston, TX 77002
Company website	<a href="http://www.kbr.com">www.kbr.com</a>
Market coverage	KBR is a leading global provider of innovative, proprietary process technologies and catalysts used across numerous downstream industries. KBR technologies are known for producing clean, sustainable end products, mitigating environmental impact, and reducing operational hazards.
Contact person	Rit Desai, Rakesh Singh
Office phone	
Fax no.	
Mobile phone no.	+91 98100 94072
E-Mail address	<a href="mailto:Rit.desai@kbr.com">Rit.desai@kbr.com</a> ; <a href="mailto:Rakesh.singh2@kbr.com">Rakesh.singh2@kbr.com</a>
Products	Since 1954, KBR has licensed 76 grassroots nitric acid plants globally and is the No. 1 technology in the demanding US market. KBR's mono-pressure and dual-pressure technologies provide superior energy efficiency, reliability and environmental performance through low capital cost, high energy efficiency and ammonia conversion at reduced catalyst and maintenance cost, and minimal site footprint requirements.





	Kimre, Inc. 744 SW 1st Street Homestead, FL. 33030
Company website	<a href="http://www.Kimre.com">www.Kimre.com</a>
Market coverage	Worldwide
Contact person	Frank Power
Office phone	(305) 233-4249
Fax no.	(305) 233-8687
Mobile phone no.	
E-Mail address	<a href="mailto:fpower@kimre.com">fpower@kimre.com</a>
Products	B-GON® Mist Eliminators KON-TANE® Scrubber & Tower Packing E-LIMINATOR™ Fiber Bed Candle Filters AEROSEP® Multi-Stage Aerosol Separation System SXF™ Semi Cross-Flow Contactors DRIFTOR® Drift Eliminators for cooling towers LIQUI-NOMIX® Liquid/Liquid Coalescer Pads BATTEN BAR™ Media Holding System and PANTS HANGER™ Media Holding System
	Continued on next page
Services:	For nearly 50 years, KIMRE™ has been a trusted name in engineering, consulting and technology services. We offer a full range of mist elimination products, scrubbing equipment and other mass transfer solutions. From complete systems, custom mesh mist eliminators and fiber bed filters, we can engineer the best solution for you!

	Lanmark Engineering 1500, 800 6th Avenue SW Calgary, Alberta, Canada T2P 3G3
Company website	<a href="http://www.lanmarkeng.net">www.lanmarkeng.net</a>
Market coverage	Global
Contact person	Patrick Jeanson
Office phone	403-456-2401
Fax no.	403-229-9346
Mobile phone no.	403-827-3438
E-Mail address	<a href="mailto:patrick.jeanson@lanmarkeng.net">patrick.jeanson@lanmarkeng.net</a>
Products	Lanmark is an engineering consulting company that has 40 years of experience delivering successful projects to the oil and gas and petrochemical industries. Lanmark is committed to understanding the needs of clients and providing fit-for-purpose engineering services and solutions.



	Lone Star Blower & Compressor 8883 West Monroe Road Houston, TEXAS 77061
Company website	<a href="https://www.lonestarblower.com/">https://www.lonestarblower.com/</a>
Market coverage	Gas
Contact person	Alex Lequio
Office phone	832-532-3112
Fax no.	832-532-3115
Mobile phone no.	832-982-8818
E-Mail address	<a href="mailto:alequio@lonestarturbo.com">alequio@lonestarturbo.com</a>
Products:	Products offered include gear driven single-stage turbo blowers with variable inlet and discharge guide vanes, gearless (high speed) turbo blowers, and vertically split multistage turbo blower technologies. Compressor parts, repair, overhaul Field Service, Blowers, Compressors, air Control systems
Services:	Industries served include Water and Wastewater, Power, Petro-Chemical, Oil and Gas, Food and Beverage, Mining, and other industries using low pressure compressed air or gas in pressure or vacuum applications. Our aftermarket group provides repair services on most other major brand blowers in addition to our own.

	Louisiana Chemical Equipment Company LLC 7911 Wrenwood Blvd. Suite A Baton Rouge, LA 70809
Company website	<a href="https://www.lcec.com/commerce/">https://www.lcec.com/commerce/</a>
Market coverage	Process Plants and Equipment
Contact person	Larry Medford
Office phone	225-923-3602
Fax no.	
Mobile phone no.	713-553-8339
E-Mail address	<a href="mailto:larrym@lcec.com">larrym@lcec.com</a>
Products	Air Fin Coolers, Blenders, Blowers, Boilers, Centrifuges, Columns, Dryers, Exchangers, filters etc
Services	Process Plants and Equipment



	Marks Brothers, Inc. PO Box 338 Boring, OR 97009
Company website	<a href="http://www.marks-brothers.com">www.marks-brothers.com</a>
Market coverage	World-wide
Contact person	Nathan Marks
Office phone	503-663-0211
Fax no.	503-663-0949
Mobile phone no.	503-799-2122
E-Mail address	<a href="mailto:nmarks@marks-brothers.com">nmarks@marks-brothers.com</a>
Products	Marks Brothers, Inc. is a leading manufacturer of Shell and Tube Heat Exchangers, Columns, ASME Pressure Vessels, and a variety of custom Stainless, Duplex and Nickel Alloy, fabricated equipment. With our commitment to service, quality, and hi-tech fabrication, you get delivery of the product you need. Absorber Columns, Expander Gas Heaters, Shell and Tube Heat Exchangers, Ammonia Converter Baskets, and Pressure Vessels are routine fabrications. In-house Design, Laser Cutting, CNC-Machining, CNC-Forming, CNC-Rolling, Automated Digital Welding etc., enable us to maintain control of quality and schedule. Our mission is “Do it Better.” Let us show you what we can do.



	MECS® / Elessent Clean Technologies 575 Maryville Centre Dr., Suite 400 Chesterfield, MO 63141
Company website	<a href="https://elessentct.com/technologies/mecs/">https://elessentct.com/technologies/mecs/</a>
Market coverage	Worldwide
Contact person	Steve Williams
Office phone	(813) 661-2284
Fax no.	NA
Mobile phone no.	(813) 230-0078
E-Mail address	<a href="mailto:steven.williams@elessentct.com">steven.williams@elessentct.com</a>
Products	High Efficiency Brink® Fiber Bed Mist Eliminators for Process Gas Filtration/Purification and Air Emission Abatement (AN & Urea Prill Towers/Granulators & AN Neutralizers)  Brink® - NOx Compressor Protection, Platinum Filters, Air & NH3 Filters, Mixed Gas Filters, Tail Gas Filters  Sulfuric Acid Plant Catalyst - Complete Line of Products ZeCor Engineered Alloy Products for Sulfuric Acid Plants Gas-Gas Heat Exchangers/Air Preheaters for Chemical Processes DynaWave Scrubbers
Services	Unique Mist Eliminator Designs for Achieving Lowest Possible Emissions on AN & Urea Prill Tower; AN Neutralizer Air Emission Abatement;  New Sulfuric Acid Plant Process Design/Upgrades/Basic Engineering Packages  On Site Inspections & Consultation for Air Emission Abatement Requiring Mist Elimination  On Site Inspections & Consultation for Sulfuric Acid Plant Troubleshooting/Turnaround  Planning/Process Instrumentation On Site Pegasus Catalyst Testing for Sulfuric Acid Plants.



	Metallix Refining 59 Avenue At The Common Suite 201 Shrewsbury NJ 07702
Company website	<a href="http://Metallix.com">Metallix.com</a>
Market coverage	Worldwide
Contact person	Sharon Bachmann
Office phone	800-327-7938 / +1 732-945-4132
Fax no.	
Mobile phone no.	
E-Mail address	<a href="mailto:global@metallix.com">global@metallix.com</a>
Products	Precious Metal Recycling & Refining
Services	Downstream nitric acid plant cleaning, recovery, and processing of precious metals catalyst. Metallix recycles, refines and purchase materials containing Gold, Silver, Platinum, Palladium, Rhodium and Iridium. Metallix innovative technologies and methodologies maximizing value.



	Mitsubishi Heavy Industries Compressor International 141888 Kirby Drive Houston, TX 77047
Company website	<a href="http://mcoi.mhi.com">mcoi.mhi.com</a>
Market coverage	Oil & Gas and Petrochemical
Contact person	Steve Lucchesi
Office phone	832-710-4624
Fax no.	
Mobile phone no.	832-244-2052
E-Mail address	<a href="mailto:steven_lucchesi@mhicompressor.com">steven_lucchesi@mhicompressor.com</a>
Products	Mitsubishi Heavy Industries group companies are recognized by our customers for our technology, quality, efficiency, and reliability. Mitsubishi Heavy Industries Compressor Corporation is a leading manufacturer of API compressors and mechanical drive steam turbines. Our products are widely used in the oil & gas and petrochemical markets and range in size from 300mm - 2000mm in impeller diameter. Our US based 180,000 ft <sup>2</sup> state-of-the-art packing and service center, Pearland Works, is conveniently located in the Gulf Coast, just outside of Houston, TX. Backed by local sales, engineering, and operations experts, to support Mitsubishi and other OEM turbo machinery.
Services	Compressor parts, repair, overhaul, field service, spin testing, steam turbine parts, repair, overhaul, training

	Noble Metal Services, Inc. (formerly Geib Refining Corp) 10 Ross Simons Drive Cranston, Rhode Island 02920
Company website	<a href="http://www.NobleMetalServices.com">www.NobleMetalServices.com</a>
Market coverage	world-wide
Contact person	Mike Gervais
Office phone	1-866-695-4806
Fax no.	1-401-808-6665
Mobile phone no.	1-401-595-4515
E-Mail address	<a href="mailto:MikeG@NobleMetalServices.com">MikeG@NobleMetalServices.com</a>
Products	Precious metals for manufacturing
Services	Platinum, Palladium, Rhodium reclaim refiner of precious metal based wastes Filter reclaim, filter de-wrapping, sludges, vacuumings destructive heat train recovery Fully EPA compliant refining facility



	Noram Group 200 Granville St. Vancouver, BC V6C1S4 Canada
Company website	<a href="http://www.noram-eng.com">www.noram-eng.com</a> <a href="http://www.axton.ca">www.axton.ca</a>
Market coverage	Global
Contact person	Bob Gill -604 220-7310 ( <a href="mailto:rgill@noram-eng.com">rgill@noram-eng.com</a> ) Grace Juzenas-604 522-2731( <a href="mailto:gracej@axton.ca">gracej@axton.ca</a> )
Products	Global Technology & Engineering Solutions AXTON/ELLETT Design & Fabrication of Process Equipment Heat Exchangers, Pressure Vessels, Reactors, Evaporators Using Stainless Steels, High Nickel Alloys, Titanium, Zirconium & Tantalum
Services	NORAM Engineering & Constructors Ltd. World Leaders in the Adiabatic Nitration Process for Mononitrobenzene Production Nitric Acid & Sulfuric re-concentration technology NOx recovery Technology Sulfuric Acid & and SO2Technology & equipment Novel Electrochemical processes & Equipment Biological & Hydrothermal WasteWater Treatment Technology



	Novatech Professional Corporation 12789 North Hilin Road Pocatello, Idaho 83202
Company website	<a href="http://www.novatech-engr.com">www.novatech-engr.com</a>
Market coverage	All Nitrogen / Nitric Acid / AN / UAN / nitrogen products (producers & users)
Contact person	Keith E. Jensen, P.E.
Office phone	(208)233-1072
Fax no.	
Mobile phone no.	(208)251-7291
E-Mail address	<a href="mailto:kjensen@novatech-engr.com">kjensen@novatech-engr.com</a>
Services	<p>Novatech - providing services to the Nitrogen industry for 21 years</p> <p>Are you interested in an engineering company that becomes "personally invested" in your unique project needs? One that cares enough to dig in and work <u>with</u> your staff and operations people to capture the small details they desire, thereby developing a superb installation for your facility?</p> <p>Please consider Novatech. Ask for references. Check out our website or contact us for any questions you may have!</p> <p>Novatech offers professional plant engineering &amp; design, chemical engineering, and consulting services to the Nitrogen industry, with special focus on nitric acid and its derivatives.</p> <p>The majority of our project work has provided unique solutions which have successfully resolved plant issues, concerns, and needs. Our work deals with nitric acid concentrations from 3% through 68% (the azeotrope) to 98.5%, and beyond.</p> <p>Novatech has direct engineering &amp; hands-on design experience with N<sub>2</sub>O<sub>4</sub> and MON solutions.</p> <p>We provide civil, mechanical, structural, and electrical engineering services, through issuance of certified RFC drawings.</p> <p>We offer project management and assistance to client &amp; contractors during construction and installation. We assist our clients with commissioning, including development and preparation of operating procedures and involvement in PHA, MOC, PSSR, and similar safety management processes.</p> <p>We utilize AspenPLUS for process evaluations and simulations. By developing custom code around each nitric acid plant, we have provided results for our clients which have improved safe operation, revealed erroneous instrumentation within the plant, and given our clients a "window" into their process equipment which their OEM documentation falls far short of.</p> <p>We have simulated multiple nitric acid plants, comprising a range of current and older designs, as well as UAN facilities.</p> <p>Novatech offers a track record of solving problems that others have given up on, and providing customized resolution at reasonable cost. This includes process research and development and data acquisition, within our own laboratories or at your site, if needed.</p> <p>Novatech has designed, built, and commissioned several pilot plants (both at Novatech and at customer's facilities) pursuant to full-scale facilities (which Novatech likewise commissioned, including operator training and procedure development).</p>
Novatech continued -	We also champion "orphaned" projects for clients. Novatech is known for





Novatech continued -	<p>"becoming personally invested" in the work, thus helping provide the drive and motivation to help push projects no one else has time for.</p> <p>Novatech also offers years of design experience to users of nitric acid in the nitration and energetic materials industries (we understand your industry).</p>
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	<p>OSCHATZ Energy and Environment GmbH Limbecker Platz 1 45127 Essen, Germany</p>
Company website	<a href="http://www.oschatz.com">www.oschatz.com</a>
Market coverage	worldwide
Contact person	Mr. Lynn TENBUSS-KUEPPERS
Office phone	+49 201 1802 217
Fax no.	
Mobile phone no.	+49 173 2097 136
E-Mail address	<a href="mailto:TENBUSS-KUEPPERS.L@oschatz.com">TENBUSS-KUEPPERS.L@oschatz.com</a>
Products	<p>Key Components for Nitric Acid Plants, such as: Process Gas Coolers, Waste Heat Boilers and Economizers downstream Ammonia Oxidation Reactors, Burner Hoods, Basket Solutions for N<sub>2</sub>O Abatement Catalyst</p> <p>Key Components for Sulfuric Acid Plants, such as: Water Tube Boilers, Superheaters and Economizers</p> <p>Turn-key Systems for: Incineration of liquid and gaseous residues of the Chemical Industry Thermal disposal of caustic waste water</p>
Services	<p>Certified by ISO 9001:2015, ISO 45001:2018 and 14001:2015, Oschatz manufactures to international standards, such as to EN in compliance with the European PED 2014/68/EU and Eurasian TR CU 032-2013, to ASME Codes, to Australian Standards, and to Chinese GB Standard. Entire fabrication in company owned, modern workshops in China, Czech Republic and Slovakia. Furthermore, Oschatz has particular expertise in Combustion Systems, Heat Transfer and Water Circulation, to design customized and tailor made components. For existing systems, Oschatz offers thermal recalculations with regard to damage analyzes or to evaluate the system with regard to possible capacity expansions.</p>



	P. A. Inc. 6626 Gulf Freeway Houston Texas 77087
Company website	<a href="http://painc.com">painc.com</a>
Market coverage	Worldwide
Contact person	Trey Brooks
Office phone	713-579-4900
Fax no.	713-570-4950
Mobile phone no.	281-773-0980
E-Mail address	<a href="mailto:treybrooks@painc.com">treybrooks@painc.com</a>
Products and Services	<p>P.A. INC. is a high-quality piping distributor, which can provide your company with the most efficient and effective process for procuring the highest quality nickel, high nickel alloy specialty stainless steel, and titanium piping products in our industry. We maintain the most extensive and comprehensive stock of Nickel 200, Alloy 400, Alloy 600, Alloy 601, Alloy 625, Alloy 800H/HT, Alloy 825, Alloy 803, Alloy 20, Alloy C276, and Titanium piping materials in North America. We also keep a full-line inventory of specialty stainless steel piping material in grades 304H and 2205.</p> <p>Additionally, we maintain an inventory of complementary butt weld fittings, including (180 return bends) flanges, forged fittings, and fractional tubing in these special alloy grades. In conjunction with the products we inventory, we have the capability to provide custom fabricated components to your exact specifications. These include, but are not limited to PQE bottles, custom bends, furnace hairpin assemblies, sparger assemblies, transition pieces, manifolds, cones, TLX flanges, TLX inlet wyes, pigtails, laterals, return bends, internal or external finned tubes, sweeps, elbows, tees, bullhorn assemblies, crosses, and nozzles as well as Alloy HP cast tubes and fittings.</p>

	Paul Bungartz GmbH & Co. KG Düsseldorfer Str. 79 40545 Düsseldorf Germany
Company website	<a href="http://www.bungartz.com">www.bungartz.com</a>
Market coverage	worldwide
Contact person	Frank Bungartz
Office phone	+49 211 577 905 0
Office fax	+49 211 577 905 12
Mobile phone no.	+49 1761 577 905 1
E-Mail address	<a href="mailto:bungartz@bungartz.de">bungartz@bungartz.de</a>
Products	<p>Manufacturer of customized single stage centrifugal pumps for:</p> <ul style="list-style-type: none"> <li>difficult sealing challenges</li> <li>difficult intake conditions</li> <li>explosives</li> <li>wear &amp; tear applications</li> </ul> <p>All pumps have an exceptional high level of intrinsic safety and follow a unique sealing philosophy</p>



	<p>PGM Technologies          Europe Office: Berliner Strasse 257, 63067 Offenbach am Main, Germany          US Office: 139 Grand Vis, Vonore, TN 37885, USA</p>
Company website	<a href="http://www.pgmtechnologies.com">www.pgmtechnologies.com</a>
Market coverage	North, Middle & South America / Australia / Europe / Africa / Asia
Contact person	H. Schneider, D. Kelley, D. Fox, J. Reising
Office phone	+49 177 2723415 / +1 843 200 1757
Fax no.	+49 69 91312998
Mobile phone no.	+49 177 2723415 / +1 843 200 1757
E-Mail address	<a href="mailto:info@pgmtechnologies.com">info@pgmtechnologies.com</a>
Products	<p>CIRCULAR SOLUTIONS in technical cleaning and precious metals recovery &amp; refining for the nitric acid industry.          PGM Technologies and their team of highly skilled and experienced professionals provide by far the greatest and unrivaled technical expertise in the industry.          Operating the worldwide CIRCULAR SOLUTIONS approach for the nitric acid industry. Clients receive:</p> <ul style="list-style-type: none"> <li>- safe technical cleaning methods</li> <li>- know-how on controlled surface treatment technology</li> <li>- optimized metals recovery</li> <li>- safe &amp; environmentally sound logistics</li> <li>- metals refining</li> <li>- fine metals for new gauze catalysts</li> <li>- destructive treatment facilities in Germany, USA, UK &amp; India</li> </ul> <p>from one entity to reduce the overall complexity of the process.</p>
Services	<p>Technical Cleaning Services:</p> <ul style="list-style-type: none"> <li>- Acid-FREE, non-aggressive cleaning: HIT method</li> <li>- Chemical cleaning</li> <li>- Mechanical cleaning</li> <li>- High pressure hydro blasting</li> <li>- Destructive cleaning</li> </ul> <p>Commercial Solutions:</p> <ul style="list-style-type: none"> <li>- Purchase of single parts or entire plants (end-of-life)</li> <li>- Service Agreements</li> <li>- Metal Share Contracts</li> </ul> <p>Sustainable Services:</p> <ul style="list-style-type: none"> <li>- Global Logistics</li> <li>- Environmental Consulting (Notifications, declaration analysis, and more)</li> <li>- Decommissioning of production sites</li> <li>- Metals Refining</li> <li>- Nitric Acid Production Consulting &amp; Case Study Analysis</li> <li>- Debottlenecking &amp; Gauze Efficiency Evaluation</li> <li>- Nitric acid consulting</li> </ul>



	Pipeotech AS Molandsveien 10 4994 Akland, Norway
Company website	<a href="http://www.pipeotech.com">www.pipeotech.com</a>
Market coverage	Global
Contact person	Andrew Patrick
Office phone	+47 371 63 000
Fax no.	
Mobile phone no.	+44 7887 752 099
E-Mail address	<a href="mailto:andrew@pipeotech.com">andrew@pipeotech.com</a>
Products:	DeltaV-Seal a precision CNC metal gasket designed to replace Spiral Wound and Kammprofile gaskets. The simple robust design provides gas tight sealing in the most challenging environments. <input type="checkbox"/>

	Power Cleaning Specialists, Inc. 16858 Florida Blvd. Baton Rouge, LA 70819
Company website	<a href="http://powercleaningspecialists.com">powercleaningspecialists.com</a>
Company website	<a href="http://unitedrecovery.com">unitedrecovery.com</a>
Market coverage	North America
Contact person	Steve Burtner, President
Mobile phone	(225) 964 9105
E-Mail address	<a href="mailto:burtnersteve1@gmail.com">burtnersteve1@gmail.com</a>
Contact person	Alan Thibodeaux, Vice President
Mobile phone	(225) 337 4807
E-Mail address	<a href="mailto:alanthibodeauxpcsi@gmail.com">alanthibodeauxpcsi@gmail.com</a>
Office phone	(225) 275 5050
Services	<p>Power Cleaning Specialists, Inc. is a provider of services for the recovery of precious metals and process efficiency services for optimal performance of Nitric Acid facilities since 1981. Combined with US Assets Recovery, Joplin, Missouri and BDB Dismantling, Barnsley, UK, the three organizations make up United Recovery Services Group. A group formed for the specific precious metal and process efficiency needs of the Nitric Acid industry.</p> <p>Hydroblasting - Automated Hydroblasting            Precious Metal Recovery            Absorption Tower Efficiency Services            3-D Acid Tank Cleaning            Intercooler Optimization            Chemical Cleaning            Media Blasting            Pipe Pigging</p>



	<p>ProSim SA 51, rue Ampère Immeuble Stratège A F-31670 Labège, France</p>
Company website	<a href="https://www.prosim.net">https://www.prosim.net</a>
Market coverage	Worldwide
Contact person	Philippe Guittard, Benjamin Wincure
Office phone	+33 (0)5 62 88 24 30
Fax no.	+33 (0)5 62 88 24 39
Mobile phone no.	
E-Mail address	<a href="mailto:sales@prosim.net">sales@prosim.net</a>
Products	<p>Process simulation and optimization software ProSimPlus, ProSimPlus HNO3, ProSimPlus Energy, Simulis Thermodynamics, Simulis Pinch, BatchReactor, BatchColumn, ProPhyPlus, ProSec...</p> <p>ProSim provides state of the art simulation and optimization software that allow process industries to increase their efficiency and their return on investment.</p> <p>ProSim solutions are designed for applications in the chemical, the refining, the gas treatment and the specialties chemical industries as well as in the pharmaceutical, the food processing and the energy industries.</p> <p>Its activities also comprise engineering process studies and custom software development.</p> <p>ProSim solutions are used to improve process design, increase plant efficiency and reduce their impact on environment.</p>
Services	<p>ProSimPlus, ProSimPlus HNO3, ProSimPlus Energy, Simulis Thermodynamics, Simulis Pinch, BatchReactor, BatchColumn, ProPhyPlus, ProSec...</p> <p>ProSim provides state of the art simulation and optimization software that allow process industries to increase their efficiency and their return on investment.</p> <p>ProSim solutions are designed for applications in the chemical, the refining, the gas treatment and the specialties chemical industries as well as in the pharmaceutical, the food processing and the energy industries.</p> <p>software development.</p> <p>ProSim solutions are used to improve process design, increase plant efficiency and reduce their impact on environment.</p>



	<p><b>PST Industries</b> 5 Rue Jules Rein 78600 Le Mesnil le Roi France</p>
Company website	
Market coverage	Worldwide
Contact person	Lionel Gatefosse
Office phone	(+33) 1 47147501
Fax no.	(+33) 1 73729435
Mobile phone no.	(+33) 6 22260326
E-Mail address	<a href="mailto:lgatefosse@freeflow.fr">lgatefosse@freeflow.fr</a>
Production Plants	Europe : France & Spain & Italia & Netherland USA : Florida
Products	<p>Porosing Agent for LDAN                      Super Dry PR21 G /Super cleaner40 / Supper Blast</p> <p>Anti caking for LDAN                              Freeflow GRD 570</p> <p>Water soluble anticaking                        Freeflow 250</p> <p>Anionic Anti Caking for Fertilizers            Freeflow 7XX &amp; Freeflow 5XX</p> <p>Cationic Anti Caking for Fertilizers           Freeflow 8XX &amp; Freeflow 9XX</p> <p>Hydrofobic Anti Caking for AN Fertilizers    Freeflow 9XXH</p> <p>Anti dust for fertilizers                         Freeflow 4XX</p> <p>Anti caking liquid at room Temperature        Freeflow 710 M</p> <p>Flotation aids for Phosphates                 Freeflot S &amp; Freeflow EP (reverse flotation)</p> <p>Colouring agent                                    FreeCol blue/red/yellow/brown</p>
Services	<p>PST chemistry is based on both anionic and cationic technologies, our R&amp;D, technicians and process engineers can determine the optimum technology and dosage for each application.</p> <p>Product Service Technology.                      Think SAFETY, Be PST...</p>



	R S Bruce Metals and Machinery Limited March Street Sheffield S9 5DQ
Company website	<a href="http://www.rsbruce.com">www.rsbruce.com</a>
Market coverage	Global - Recovery of Platinum Group Metals
Contact person	Alan Hides - Global Contract Manager
Office phone	+44 114 244 8050
Fax no.	+44 114 242 6582
Mobile phone no.	+44 7973 294116
E-Mail address	<a href="mailto:alan.hides@rsbruce.com">alan.hides@rsbruce.com</a>
Contact person	Robert Harvey - Sales and Marketing Manager
Office phone	+44 114 244 8050
Fax no.	+44 114 242 6582
Mobile phone no.	+44 7741 042287
E-Mail address	<a href="mailto:rob.harvey@rsbruce.com">rob.harvey@rsbruce.com</a>
Contact person	Richard Thevenon - Director
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Mobile phone no.	+44 7741 003711
E-Mail address	<a href="mailto:Richard.thevenon@rsbruce.com">Richard.thevenon@rsbruce.com</a>
Contact person	Mike Lambson - LGR Sales Manager
Office phone	+44 114 244 8050
Fax no.	+44 114 242 6582
Mobile phone no.	+44 7551 171688
E-Mail address	<a href="mailto:Mike.lambson@rsbruce.com">Mike.lambson@rsbruce.com</a>
Products	Recovery of Platinum Group Metals from Nitric Acid Industry
Services	<p>R.S. Bruce Ltd is the world's leading provider of Nitric Acid Plant Clean down services and precious metal recovery with over 700 completed projects and 40 Tonnes of PGM recovered over our 35-year + history. Our goal is to provide our customers with innovative solutions that deliver the highest PGM recovery and improved thermal efficiency in your plant and equipment. R S Bruce is certified to ISO 9001 Quality, ISO 14001 Environmental and ISO 45001 Health &amp; Safety standards R.S. Bruce (Metals &amp; Machinery) Ltd offers an extensive range of onsite and offsite services, our skilled team works collaboratively with the client and the appointed PGM refiner to provide a smooth, transparent and efficient PGM recovery service. Further information on our service supported by customer testimonials can be viewed by visiting <a href="http://www.rsbruce.com">www.rsbruce.com</a></p> <p>R.S. Bruce Ltd endeavors to provide continuous improvement in environmental, health and safety (EHS) performance worldwide.</p> <p>Rs Bruce key services:</p> <ul style="list-style-type: none"> <li>Onsite non-destructive cleaning to recover platinum group metals</li> <li>Destructive cleaning of redundant components</li> <li>PGM recovery from various industries and processes e.g waste sludge filter cakes spent solid catalysts and spent catalysts in solvent.</li> </ul> <p>A full portfolio of our services can be found on our website <a href="http://www.rsbruce.com">www.rsbruce.com</a></p>



	RHEWUM GmBH Rosentalstr. 24 42899 Remscheid, Germany
Company website	<a href="http://www.rhewum.com">www.rhewum.com</a>
Market coverage	
Contact person	Dipl.-Ing. Sigurd Schuetz
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Fax no.	+49 2191 5767 111
Mobile phone no.	
E-Mail address	<a href="mailto:info@rhewum.com">info@rhewum.com</a>
Products:	As the leading company in the field of industrial sieving technology we do not just provide screen machines, but the optimal separation of bulk materials that is perfectly tailored to your needs. We can achieve this through customized technology that offers unrivaled reliability with the highest service and product quality.
Services:	We conduct free screening tests at our in-house technology center. Furthermore, we provide customer service contracts for reliable maintenance preventing high follow-up costs.

	RVT Process Equipment, Inc. 9047 Executive Park Drive Suite 222 Knoxville, TN 37923
Company website	<a href="http://www.rvtpe.com">www.rvtpe.com</a>
Market coverage	Global
Contact person	Brian Yount (USA) Abby Newberry (USA) Andreas Wich (Europe) Ashraf Lakha (Asia)
Office phone	1 (865) 694-2089 (USA) 49 (0) 9261 55235 731 (Europe) 86 512 5518 8255 (China)
Fax no.	865-560-3115 (USA)
Mobile phone no.	
E-Mail address	<a href="mailto:b.yount@rvtpe.net">b.yount@rvtpe.net</a>
E-Mail address	<a href="mailto:a.newberry@rvtpe.net">a.newberry@rvtpe.net</a>
E-Mail address	<a href="mailto:a.wich@rvtpe.de">a.wich@rvtpe.de</a>
E-Mail address	<a href="mailto:a.lakha@rvtpe.de">a.lakha@rvtpe.de</a>
Products	Mass Transfer Equipment Tower Packing (random & structured) Column Internals Mass Transfer Trays Catalyst Support Media (ceramic & alumina balls)
Services	Engineering Support Installation Supervision





	Sabin Metal Corporation 1647 Wheatland Center Road Scottsville, NY 14546 USA
Company website	sabinmetal.com
Market coverage	Nitric Acid Industry
Contact person	Betsy Gremer / Juergen Neumann
Office phone	(585) 538-2194
Fax No.	(585) 538 4695
Mobile phone no.	(585) 880-7693 (Betsy), (585) 642-0632 (Juergen)
E-Mail address	betsyg@sabinmetal.com, juergen.neumann@sabinmetal.com
Additional contact	For Latin American / Caribbean please contact Miguel Luna - Ph +52 1 55 2495 6340
	<a href="mailto:sabinlat@prodigy.net.mx">sabinlat@prodigy.net.mx</a>
Products	<p>Sabin Metal Corporation recovers, refines precious metals from the hydrocarbon, petroleum/petrochemical, chemical, pharmaceutical, nitric acid, electronics, and mining industries that use precious metals in their products or processes.</p> <p>Established in 1945, Sabin is now the largest independently owned precious metals refiner in North America, with processing plants and customer service facilities throughout the world. As a reliable partner, we employ advanced analytical equipment, systems, and processing methods that work in unison to help provide the highest possible return values for recovered precious metals. We also work hard to maintain the industry's most stringent environmental management policies to assure full compliance with appropriate environmental codes and standards.</p> <p>With our catalyst and getter gauze systems, we have now closed the loop, which ranges from the recovery of precious metals from spent catalyst, plant equipment and components, through precious metal refining, to the reuse of the recovered metals for the manufacturing of new catalyst and getter gauze systems for the nitric acid industry.</p> <p>We have completed our product side with a wide range of services to support our customers in achieving more effective, cost-efficient, and sustainable operations.</p>
Services	<ul style="list-style-type: none"> <li>· PGM Recovery from spent Catalyst &amp; Getter Gauzes,</li> <li>· On-Site Plant Cleaning Services,</li> <li>· Destructive &amp; Non-Destructive PGM Recovery from Equipment Parts,</li> <li>· Filter &amp; Sludge Recovery,</li> <li>· PGM Refining,</li> <li>· PGM Management &amp; Metal Trading.</li> </ul>



	Shell Catalysts & Technologies 3333 Highway 6 S Houston, TX 70082 - USA
Company website	<a href="http://shell.com/ct">shell.com/ct</a>
Market coverage	Global
Contact person	Flemming Hansen
Office phone	
Fax no.	
Mobile phone no.	832-341-9395
E-Mail address	<a href="mailto:flemming.hansen@shell.com">flemming.hansen@shell.com</a>
Products	SCR and tertiary N2O catalysts for nitric acid plant

	Solenis LLC 2475 Pinnacle Drive Wilmington, DE 19803 United States
Company website	<a href="http://Solenis.com">Solenis.com</a>
Market coverage	Oil Refining, Coal to Chemicals, Petrochemical Processing, Specialty Chemicals, Fertilizers, Air Separation
Contact person	David Marten
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Mobile phone no.	+1 513 288 2275
E-Mail address	<a href="mailto:dmarten@solenis.com">dmarten@solenis.com</a>
Products & Services	Solenis is a leading global producer of specialty chemicals focused on delivering sustainable water treatment solutions for water-intensive industries. Owned by Platinum Equity, the company's product portfolio includes a broad array of water treatment chemistries, process aids and functional additives, as well as state-of-the-art monitoring and control systems. These technologies are used by customers to improve operational efficiencies, enhance product quality, protect plant assets, minimize environmental impact, and maintain healthy water. Headquartered in Wilmington, Delaware, the company has 48 manufacturing facilities strategically located around the globe and employs a team of over 6,000 professionals in 120 countries across five continents.



	Solex Thermal Science Suite 250, 4720 - 106 Ave S.E. Calgary, AB, Canada T2C 3G5
Company website	<a href="http://www.solexthermal.com">www.solexthermal.com</a>
Market coverage	Worldwide
Contact person	Igor Makarenko
Office phone	
Fax no.	
Mobile phone no.	
E-Mail address	<a href="mailto:igor.makarenko@solexthermal.com">igor.makarenko@solexthermal.com</a>
Products	Solex Thermal Science is the global market leader and developer of high-efficiency, indirect heat exchange technology for the heating, cooling and drying of wide range of free-flowing by properties and geometrical forms materials (e.g. solid granules, pellets, agricultural products such as beans and seeds.) Over the past 30 years, the company has installed more than 1,000 advanced heat exchange systems in 50-plus countries worldwide with applications in various sectors: fertilizers, oilseeds and industrial materials such as minerals/sands, chemicals and polymers. In recent years, the company has expanded into the energy-transition sector with key collaborations globally on decarbonization applications such as industrial waste heat recovery, concentrated solar power (CSP) and carbon capture.
Services	Engineering, lab/pilot testing, custom fabrication, equipment on-site delivery, commissioning, personnel training, spare parts, retrofitting/revamps, refurbishing/repurposing, equipment optimization and engineering assistance with maintenance



	<p>Stamicarbon BV Mercator 3, 6135 KW Sittard P.O. Box 53, 6160 AB Geleen The Netherlands</p>
Company website	<a href="http://www.stamicarbon.com">www.stamicarbon.com</a>
Market coverage	World wide
Contact person	Stephen Zwart
Office phone	0031464237002
Fax no.	
Mobile phone no.	
E-Mail address	<a href="mailto:info@stamicarbon.com">info@stamicarbon.com</a>
Products/Services:	<p>At Stamicarbon, the innovation and license company of Maire Tecnimont Group, we develop, design and license futureproof fertilizer plant technologies, with urea, green ammonia and nitric acid being our core businesses. Using 75 years of knowledge and experience, we offer our clients customized-solutions and services to maintain, improve and optimize plants in every stage of their lifecycle with a focus on sustainable production.</p> <p>We take pride in being innovative and developing reliable, safe and sustainable fertilizer solutions.</p> <p>For example:</p> <p>Ultra-Low Energy design that reduces energy consumption of urea plants considerably</p> <p>MicroMist™ Venturi Scrubbing and our Jet Venturi Scrubbing system that reduce emissions of urea granulation plants and urea prilling towers to unrivaled low levels</p> <p>Stami Green Ammonia technology to enable sustainable and green fertilizer production by using renewable resources and eliminating carbon</p> <p>Mono and Dual Pressure Nitric Acid technologies with maximum energy recovery, reliable operation and minimal greenhouse gas emissions</p> <p>Digital solutions that achieve real-time insights to maximize efficiency and production.</p> <p>Besides technologies, we also have developed:</p> <p>SAFUREX® the best corrosion-resistant duplex stainless steel for high pressure synthesis equipment</p> <p>Digital solutions that achieve real-time insights to maximize efficiency and production</p> <p>Real-time Dynamic Training Simulator for urea and granulation plants, as well as for the adjacent ammonia, nitric acid and UAN plants.</p> <p>As pioneers with a higher purpose, it is our vision to enable the world to feed itself and improve the quality of life.</p>



	Sulzer Turbo Services Houston Inc. 11518 Old La Porte Road La Porte Texas 77571
Company website	<a href="http://www.sulzer.com">www.sulzer.com</a>
Market coverage	Ammonia, Nitric Acid, Petrochem, Fertilizer, Refining, Power Generation
Contact person	Sean Lilly
Office phone	713-567-2789
Fax no.	713-567-2830
Mobile phone no.	281-687-6184
E-Mail address	<a href="mailto:Sean.Lilly@Sulzer.com">Sean.Lilly@Sulzer.com</a>
Products	Replacement Parts via Reverse Engineering for most all Turbomachinery Fast Replacement Impellers for Pump Applications High Voltage Coils for Generators OEM Pump Manufacturer SULZER
Services	Full Range of shops and services for critical and non-critical turbomachinery including: turbines, compressors, hot gas expanders, pumps, motors, genrators, motor drives gearboxes and other BOP. Field Services, Technical Directors, Vibration Diagnostics Specialists and Engineering Services built around rotating equipment

	TNO - Netherlands Organization for Applied Scientific Research Ypenburgse Boslaan 2 2496ZA The Hague The Netherlands
Company website	<a href="http://www.tno.nl/prosafe">www.tno.nl/prosafe</a>
Market coverage	fertilizer producers and processors, transportation companies, worldwide
Contact person	Wim Mak
Office phone	+31 88 8661265
Fax no.	
Mobile phone no.	
E-Mail address	<a href="mailto:prosafe@tno.nl">prosafe@tno.nl</a>
Services	Classification testing conform United Nations Manual of Testing and Criteria Resistance to detonation testing conform EU Regulation 2019/1009 (notified body) Determination of safe storage distances Incident evaluation



	<p>ThyssenKrupp Industrial Solutions AG Business Unit Uhde Friedrich-Uhde-Strasse 15 44141 Dortmund Germany</p>
Company website	<a href="http://www.thyssenkrupp-industrial-solutions.com">www.thyssenkrupp-industrial-solutions.com</a>
Market coverage	worldwide
Contact person	Susanne Rieck
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Mobile phone no.	+40 173 7230502
E-Mail address	<a href="mailto:susanne.rieck@thyssenkrupp.com">susanne.rieck@thyssenkrupp.com</a>
Products	<p>Worldwide acting technology provider and EPC contractor with more than 100 years experience and references in the field of:</p> <ul style="list-style-type: none"> <li>- ammonia (grey, blue, green) and its downstream products</li> <li>- urea</li> <li>- nitric acid</li> <li>- ammonium nitrate (fertilizer and technical grade)</li> <li>- UAN</li> <li>- CAN</li> <li>- OSBL and infrastructure</li> <li>- O&amp;M Services</li> </ul>
Services	<p>Full range of services related to projects in the fertilizer industry incl. market studies, project development, financing, project management, engineering, international procurement, civil &amp; erection works, start-up &amp; commissioning and technical services.</p> <p>Execution of E, EP and EPC projects.</p> <p>Main office in Germany, major engineering hubs in India, Egypt, Thailand, and Russia. Further offices in USA, Mexico and Australia, South Africa.</p>



	<p>Tricor Metals (Headquarters, Manufacturing &amp; Distribution) 3225 West Old Lincoln Way Wooster, Ohio 44691</p> <p>Tricor Metals (Regional Facility, Manufacturing &amp; Distribution) 3517 North Loop 336 West Conroe, TX 77304</p>
Company website	<a href="http://www.tricormetals.com">www.tricormetals.com</a>
Market coverage	World
Contact person	Ron Krajcik
Office phone	330-264-3299 x2114 or toll free 800-421-5141
Fax no.	330-264-1181
Mobile phone no.	
E-Mail address	<a href="mailto:sales@tricormetals.com">sales@tricormetals.com</a>
Products	<p>Titanium, Zirconium, Nickel-alloy, Cobalt-alloy, duplex and 300 series stainless steel ASME process equipment and field repairs including heat exchangers, vessels, piping, and custom weldments.</p> <p>Largest titanium service center with all mill products available for corrosion applications. Also stocking zirconium and tantalum mill products.</p> <p>Astrolite® Alloys - High performance welding wire for aerospace, power, commercial and challenging applications including: titanium, zirconium, nickel-based, cobalt-based, aluminum, magnesium, stainless steel welding wires.</p>
Services	<p>Reactive metal and high-alloy weld repair teams are mobilized globally.</p> <p>Refurbishing and spare parts services for plate heat exchangers (all models).</p>

	<p>Umicore Umicore AG &amp; Co. KG - Platinum Engineered materials Rodenbacher Chaussee 4 D-63457 Hanau, Germany</p>
Company website	<a href="http://www.pem.umicore.com/en">www.pem.umicore.com/en</a>
Market coverage	worldwide
Contact person	René Wiskemann
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Fax no.	
Mobile phone no.	+ 49 151 12526206
E-Mail address	<a href="mailto:rene.wiskemann@eu.umicore.com">rene.wiskemann@eu.umicore.com</a>
Products	<p>Tailor-made, high performance PGM Catalyst and Catchement gauzes for the ammonia oxidation. N2O abatement solutions. Refining of spent PGM gauzes, sludges and dust from plant cleaning.</p>
Services	<p>Technical consulting, simulations, installation support, metals management, logistic solutions</p>



	US Assets Recovery Joplin, Missouri USA Part of the United Recovery Services Group
Company website	<a href="http://usassetsrecovery.com">usassetsrecovery.com</a>
URSG	<a href="http://unitedrecovery.com">unitedrecovery.com</a>
Market coverage	Global
Contact person	Brian Jordan, General Manager
Mobile phone no.	1 417 437 5091
Contact person	Michael Schriner, Director of Sales
Mobile phone no.	1 417 499 9328
Contact person	Kevin Waldrum, Engineering & Technical Services Manager
Mobile phone no.	1 417 850 4565
Contact person	Bob Staargaard, Industrial Business Development Manager
Mobile phone no.	1 417 4376670
Contact person	Dave Horbury, President, BDB Dismantling
Mobile phone no.	44 1226 273860
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Products - Services	<p>U.S. Assets Recovery is a global precious metals recovery, refining and fabrication company. USAR has manufacturing operations in Joplin, Missouri including complete refining of precious metals, filter manufacturing, catalyst gauze manufacturing and wire drawing. Combined with Power Cleaning Specialists, Baton Rouge, Louisiana and BDB Dismantling, Barnsley, UK, the three organizations make up United Recovery Services Group. A group formed for the specific precious metal and process efficiency needs of the Nitric Acid industry.</p> <p>Precious Metal Services including</p> <ul style="list-style-type: none"> <li>- Catalyst Gauze Design, Fabrication and Refining</li> <li>- Catalyst Gauze Training for Operators, Production and Maintenance</li> <li>- Wire Manufacturing</li> <li>- Filter Manufacturing, Recovery, Repacking and Refining Services</li> <li>- Hydro, Pyro and Electrorefining of Precious Metals</li> <li>- Laboratory Analysis and Assay of Low and High Grade PGM Materials</li> <li>- On &amp; Off-Site Non-Destructive and Destructive Services</li> <li>- Heat Train, Catalyst Basket and Vessel PGM Recovery</li> <li>- Spent Catalyst Recovery and Refining</li> <li>- Acid Tank Cleaning</li> <li>- Dismantling and Demolition and Hydroblast Services</li> <li>- Absorption Tower Services</li> <li>- Lamont Boiler Service Specialists for Recovery and Thermal Efficiency -</li> </ul> <p>RAVS</p> <ul style="list-style-type: none"> <li>- Vessel Repair Witness and Recovery Supervision</li> <li>- PGM Recovery Best Practices, Site Surveying and Training</li> <li>- Intercooler Cleaning Efficiency Services</li> </ul>





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Market coverage	
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E-Mail address	<a href="mailto:clemens.vichytil@voestalpine.com">clemens.vichytil@voestalpine.com</a>
Products	<p>voestalpine BÖHLER Bleche, a worldwide leading producer of single cross-rolled sheets and plates, offers its clients a product of supreme uniformity in terms of mechanical-technological and physical properties.</p> <p>We concentrate on the areas in which our metallurgical knowledge and our generations of experience can deliver benefits for our customers.</p> <p>We specialize in manufacturing sheet metal and sheet metal blanks made of high-speed steel, tool steel, materials for the aerospace industry, corrosion and heat-resistant special steels, nickel and cobalt-based alloys, titanium alloys as well as sheet metal for stamping operations.</p>

**ANNA '22**  
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