

Vendor Profiles





Vendor Profiles 2018

	A. R. Wilfley & Sons, Inc. 5870 East 56th Avenue Commerce City, CO 80022
Company website	www.wilfley.com
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	dsegovia@wilfley.com / bhellwarth@wilfley.com
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	www.awscorp.it
Market coverage	World wide (Ammonium Nitrate, Nitric Acid, Urea)
Contact person	Alessandro Gullà
Office phone	+39 (0)354819888
Fax no.	
Mobile phone no.	+39 3456498248
E-Mail address	gulla@awscorp.it
Products	MIST ELIMINATORS VENTURI SCRUBBER TRAYS OR PACKING SCRUBBER WET ELECTROSTATIC PRECIPITATOR
Services	TURN-KEY PLANT SUPPLY SUPERVISION & PLANT START-UP EXISTING PLANTS RETROFIT



Vendor Profiles 2018

	Alloy Engineering 844 Thacker Street Berea, Ohio 44017
Company website	www.alloyengineering.com
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	ballen@alloyengineering.com
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 P.O. Box 312 2659 Lake Road Clark, PA 16113 USA
Company website	www.apexep.com
Market coverage	Worldwide
Contact person	Joe Grasso - Sales Manager
Office phone	724-962-8717 x24
Office fax	724-962-8722
Mobile phone no.	
E-Mail address	sales@apexep.com
Products	Worldwide Supplier of PREMIUM Chemical Process Equipment Heat Transfer Equipment Cooler Condensers Converter Baskets Evaporators
Services	All custom engineered to meet the customers specifications All engineering and manufacturing is done in the USA



Vendor Profiles 2018

	ArrMaz 4800 State Road 60 East Mulberry, FL 33860 USA
Company website	www.arrmaz.com
Market coverage	Global
Contact person	Clare Aitken / Paul Kern
Office phone	740-380-3718 / 843-525-1072
Fax no.	
Mobile phone no.	740-591-2263 / 843-271-0763
E-Mail address	caitken@arrmaz.com pkern@arrmaz.com
Products	<p>For more than 50 years, ArrMaz has been a global leader in the production of specialty chemicals for the mining, fertilizer, phosphate, industrial ammonium nitrate, asphalt, and oil and gas industries worldwide. Since 1967, ArrMaz has manufactured chemical process aids and additives formulated to optimize process performance, enhance product quality and improve profitability for our customers. With headquarters in Mulberry, Florida and multiple locations across North and South America, Europe, Asia, Africa and the Middle East, ArrMaz serves customers across the globe.</p> <p>ArrMaz's Galoryl® product line includes the following products developed specifically for the nitrogen fertilizer and industrial ammonium nitrate markets:</p> <ul style="list-style-type: none"> • Porosity Control Agents • Anti-Caking Coatings • Dust Control Coatings • Granulation Aids • Hydrophobic Coatings • Corrosion Inhibitors
Services	ArrMaz conducts laboratory and onsite testing, recommends specialty process aids, additives and coatings, implements tailored application systems, and provides ongoing technical support to meet the unique needs of our customers.



Vendor Profiles 2018

	ARVOS Group SCHMIDTSCHESCHACK Parsevalstr. 9a 40468 Duesseldorf Germany
Company website	www.arvos-group.com
Market coverage	worldwide
Contact person	Michael Schoetz / Dirk Baumgart
Office phone	+49 211 4726-0 Schoetz extension -118 Baumgart extension -162
Fax no.	+49 211 4726-200
Mobile phone no.	
E-Mail address	michael.schoetz@arvos-group.com / dirk.baumgart@arvos-group.com
Products	<i>Key equipment for Nitric Acid Plants</i> Waste Heat Boilers downstream Ammonia Combustion / Burner Hoods / Catalyst Baskets (also for N ₂ O abatement) <i>High Temperature Products:</i> Air Preheaters / Fired Heaters / Conv. Banks / Comb. Systems / Gas-Gas Exchangers <i>Syngas Coolers:</i> Partial Oxidation / Coal Gasification / Biomass Gasification
Services	SCHMIDTSCHESCHACK is leading designer and fabricator of process heat transfer equipment for the chemical and petrochemical industries. The service offer includes: Tailor-made Heat Exchanger Solutions Increasing of boiler performance Boiler Revamps Engineering studies Boiler Recalculations Water circulation analysis Detailed failure analysis



Vendor Profiles 2018

	Athlon Solutions LLC 5500 N. Sam Houston Parkway W., Suite 800 Houston, Texas 77086
Company website	www.athlonsolutions.com
Market coverage	Ammonia / fertilizer, Refining, Petrochemical, Contract Manufacturing & Wholesale, and Co-generation for power/utilities industries.
Contact person	Janet Wright
Office phone	713-457-2372
Fax no.	713-622-0313
Mobile phone no.	713-882-7766
E-Mail address	janet.wright@athlonsolutions.com
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 Queensland, Australia 4110
Company website	www.bdgt.com.au
Market coverage	World Wide
Contact person	Trevor Bathols
Office phone	+61 7 3344 5744
Fax no.	+61 7 3344 5788
Mobile phone no.	+61 407 618 574
E-Mail address	trevor@bdgt.com.au
Products	Manufacturer of Precision Prilling Plates for the AN & Urea Industry. Manufacturer of Critical Plant & Equipment Spares Production Parts manufacturing Jobbing & R & D machining specialists
Services	Design Prototyping



Vendor Profiles 2018

	Begg Cousland Envirotec Ltd 205 White Studios 62 Templeton Street Glasgow G40 1DA United Kingdom
Company website	www.beggcousland.com
Market coverage	Worldwide
Contact person	Graeme Cousland
Office phone	+44 141 556 2289
Fax no.	+44 141 550 1653
Mobile phone no.	+44 7901913984
E-Mail address	graeme.cousland@bcenvirotec.com
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 Benvite Environmental BlueFil® Mesh Becoflex Rotary Brush Scrubber

	Bruker Optik Rudolf-Plank-Straße 27 76275 Ettlingen Germany
Company website	https://brukeropenpath.com/
Market coverage	
Contact person	René Braun, Peter Maas
Office phone	+49 7243 504-2457
Office fax	+49 7243 504-2050
Mobile phone no.	+43 1762 274-8265
E-Mail address	rene.braun@bruker.com , petermaas@bruker.com
Products	Remote Sensing Early Warning Systems for TIC Gas Leaks and Fugitive Emissions
Services	We provide full service solutions in monitoring the airspace in and around your facility. Our systems identify hundreds of airborne compounds at lab standard selectivity. Our fully automated systems are ready for integration into your alarm chain.



Vendor Profiles 2018

	CASALE SA Via Pocobelli, 6 6900 Lugano / Switzerland
Company website	www.casale.ch
Market coverage	World
Contact person	Mr. Lorenzo Pennino, Head of Sales
Office phone	+41 91 6419200
Fax no.	+41 91 6419291
Mobile phone no.	+41 798297374
E-Mail address	l.pennino@casale.ch
Products	Ammonia, Nitrates & Phosphates, Urea, Melamine, Methanol, Syngas
Services	Technical audits, advisory & consultancy services for improved plant performance. Feasibility studies Licensing of proprietary technologies Basic & detail engineering Project management Procurement services Plant construction management Catalyst testing Plant commissioning, start-up and optimization Project contracting on turn-key basis After sales technical services including <ul style="list-style-type: none"> - Equipment inspection - Equipment maintenance - Process optimization EP Project Execution



Vendor Profiles 2018

	<p>Chemetics Inc. 2001 Clements Road Pickering, ON, Canada L1 W 4C2</p>
Company website	www.jacobs.com/chemetics
Market coverage	Ammonia, Nitric acid, Sulphuric acid, Urea, Oil & Gas, Chemical
Contact person	Snezana Velimirovic
Office phone	905.619.5208
Fax no.	N/A
Mobile phone no.	647.702.7898
E-Mail address	snezana.velimirovic@jacobs.com
Products	<p>Chemetics owns and operates a fabrication shop specializing in stainless steel and alloy heat exchangers and vessels for the Chemical and Petrochemical industries. Due to our special needs of our core business as Sulphuric Acid and Chlorine Chemical process and equipment technologies we have special equipment and capabilities that are not present in most fabrication shops. This expertise and special equipment allow Chemetics to provide expert advise and solutions to clients that are hard to find in industry. Chemetics leverages this ability to provide clients with reliable and economic equipment and designs to solve their most difficult problems.</p> <p>We serve customers in the fertilizer, chemical, oil & gas, petrochemical, and base metal smelting industries worldwide. With a primary office in Vancouver, British Columbia, Canada and a new and modern fabrication facility in Pickering, Ontario, Canada, Chemetics, a Jacobs company has been designing and fabricating custom shell and tube heat exchangers, reformers, reactors, towers, and other process equipment for the sulfuric acid, nitric acid, ammonia, petroleum, and chemical industries for more than 50 years.</p>
Services	<p>Supplying state-of-the-art acid and chemical technology and equipment to the process industries, Chemetics offers:</p> <ol style="list-style-type: none"> 1. Concept and feasibility studies 2. Engineering & process, thermal/hydraulic, and mechanical design 3. Hazard & operability studies 4. Procurement of equipment & materials 5. Supply of proprietary equipment packages 6. Supply of complete plants 7. Plant commissioning & operator training 8. Technical service & support 9. Supply of spare parts 10. Corrosion Engineer/Metallurgist 11. Welding Engineer 12. R&D and Corrosion lab 13. Thermal Designers/Engineers 14. Mechanical Designers/Engineers 15. Plasma Welding machines 16. High speed large scale CNC drilling machines 17. Global purchasing of materials and services 18. International Logistics Specialists



Vendor Profiles 2018

	CLARIANT 32 Fremont Street Needham, MA 02451 USA
Company website	www.clariant.com
Market coverage	
Contact person	Kathy Bynum
Office phone	+1 781 433 5905
Fax no.	+1 781 444 0130
Mobile phone no.	+1 781 708 2965
E-Mail address	kathy.bynum@clariant.com
Products	N2O catalyst SCR catalyst CO/VOC catalyst Offgas treatment catalyst Clariant Corp. is a provider of Catalytic solutions for a wide range of chemical, industrial and environmental applications. Committed to high-quality service and support, Clariant offers a diverse product portfolio, global manufacturing capability and extensive Technical and R&D facilities to support their customers and innovative endeavors
Services	Catalyst Performance Testing



Vendor Profiles 2018

	ClimeCo Corporation 1 East Philadelphia Avenue Boyertown, Pennsylvania 19512 USA
Company website	www.climeco.com
Market coverage	Voluntary, REC, Regulatory, Regional Air Quality, Industrial, Manufacturing, Corporations, Sustainability, Philanthropic and California Compliant
Contact person	William (Bill) Flederbach
Office phone	484-415-0501
Fax no.	484-363-4022
Mobile phone no.	
E-Mail address	wflederbach@climeco.com
Products	<p>ClimeCo implements and manages carbon emission reduction projects in North America, creates carbon offsets from established protocols, and offers these offsets to companies and organizations that use them as part of their sustainability programs. They are the North American leader in nitric acid (N2O) abatement, has developed and manages 100% of the US voluntary N2O abatement projects, and manages two N2O abatement systems in Canada. ClimeCo is the largest developer of GHG offset projects and has been honored to receive CAR's Project Developer of the Year award in 2017. They provide clients with an unparalleled suite of services that covers voluntary and regulated carbon, as well as criteria pollutant trading programs and RECs.</p>
Services	<p>For each market segment, we offer a full range of services:</p> <ul style="list-style-type: none"> - Advisory: Strategic market advice, analysis and technical consulting. - Transaction: Marketing and sourcing environmental commodities. - Project Development: Creating environmental commodities that will generate positive returns for our clients.



Vendor Profiles 2018

	Clock Spring 621 Lockhaven Dr Houston, TX 77073
Company website	www.clockspring.com
Market coverage	Global
Contact person	Tim Mally
Office phone	+1-281-590-8491
Fax no.	+1-281-590-9528
Mobile phone no.	+1-918-510-0172
E-Mail address	tmally@clockspring.com
Products	<p>Clock Spring's engineered composite repair systems provide repair and reinforcement for damaged, thinning, and corroded vessels and piping to prevent unplanned down time within AN and NA plants. The product portfolio includes leak sealing devices, fiberglass and carbon fiber reinforced composites for structural reinforcement, and additional products for pipe support protection. The products include: Leak Stopper, DiamondWrap®, Contour, Snap Wrap, and Pipe Support</p>
Services	<p>Clock Spring offers training and engineering design services, but primarily functions as a composite repair manufacturer.</p>

	CTI Industries 283 Indian River Road Orange, CT 06477-3609 USA
Company website	www.cti-ind.com
Market coverage	Refinery, petrochemical, industrial
Contact person	Terry Quinn
Office phone	760-632-9117
Fax no.	760-632-7691
Mobile phone no.	760-404-7658
E-Mail address	tquinn@cti-ind.com
Products	Shields, liners, cleaning
Services	<p>CTI Industries specializes in the service life extension of damaged, failed or brand new fin fan bundles and shell & tube heat exchangers, thereby eliminating the need for bundle replacement. Depending on where the failure mechanism is most severe as pre-determined via an Eddy Current or Iris exam, CTI can insert a very thin metallic Shield/Seal or full length liner either the partial or entire length of the damaged tubes. These sleeves are then expanded their entire length with anywhere from 2,000 to 10,000 pounds of water pressure to create a metal-to-metal pressurized fit of the sleeve to the parent tube. The sleeves are then mechanically roller expanded at both ends of the sleeve or into both tubesheets if it is a full length application, thereby restoring all failed/damaged tubes to service for another 5 to 20 years, depending on your metallurgical selection. The repairs are achieved in situ and have been successfully applied at refineries and chemical plants worldwide, including clients such as Exxon Mobil, Phillips 66, Chevron, Hess, Saudi Aramco Services, Lyondell Basell and BP, to name a few.</p>



Vendor Profiles 2018

	CNOOC Taiyuan Precious Metals Co., Ltd Floor 6, NO 12 Kaituo Lane, High-tech Industrial Zone Taiyuan Shanxi P.R. China
Company website	
Market coverage	48% in China
Contact person	Fei Han
Office phone	+86-351-7026598
Fax no.	+86-351-7021987
Mobile phone no.	+86-18636992365
E-Mail address	hanfeio23@163.com
Products	Warp knitted platinum gauze PtRh5 PtRh7 PtRh10 DEC functional gauze Woven platinum gauze PtRhPd
Services	Plant cleaning Chemical, non-chemical and mechanical procedures Precious metal filter Online precious metal recovery for nitric acid plant

	CRI Catalyst Company One Shell Plaza 910 Louisiana Street, 29th Floor Houston, TX 77002
Company website	www.cricatalyst.com
Market coverage	Global
Contact person	Flemming Hansen
Office phone	+1 713 241 4478
Fax no.	+1 713 241 1283
Mobile phone no.	+1 832 341 9395
E-Mail address	flemming.hansen@cri-criterion.com
Products	Denox/SCR; Dioxin Destruction, Tertiary N ₂ O Abatement; VOC; CO ₂ polishing
Services	CRI Catalyst Company provides reliable and cost-effective catalyst solutions and systems for environmental emission control, including flue gas treatment catalysts for: NO _x Removal via Selective Catalytic Reduction, Catalytic Dioxin Destruction, N ₂ O Decomposition, Oxidation of Volatile Organic Compounds and Carbon Monoxide. Research and development is conducted utilizing CRI and Shell resources in Amsterdam (The Netherlands), Houston (USA), CRI Leuna (Germany) and Bangalore (India).



Vendor Profiles 2018

	DuPont - MECS 14522 South Outer Forty Road; Suite 100 Chesterfield, MO 63017; USA
Company website	www.mecsglobal.com
Market coverage	Worldwide
Contact person	Steven Williams
Office phone	(813) 661-2284
Fax no.	(813) 684-5428
Mobile phone no.	(813) 230-0078
E-Mail address	steven.r.williams@dupont.com
Products	<p>High Efficiency Brink® Fiber Bed Mist Eliminators for Process Gas Filtration/Purification and Air Emission Abatement (AN & Urea Prill Towers/Granulators & AN Neutralizers)</p> <p>Brink® - NO_x Compressor Protection, Platinum Filters, Air & NH₃ Filters, Mixed Gas Filters, Tail Gas Filters</p> <p>Sulfuric Acid Plant Catalyst - Complete Line of Products</p> <p>ZeCor Engineered Alloy Products for Sulfuric Acid Plants</p> <p>Gas-Gas Heat Exchangers/Air Preheaters for Chemical Processes</p> <p>DynaWave Scrubbers</p>
Services	<p>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 for Air Emission Abatement Requiring Mist Elimination On Site Inspections for Sulfuric Acid Plant Troubleshooting/ Turnaround Planning/Process Instrumentation</p> <p>On Site Pegasus Catalyst Testing for Sulfuric Acid Plants.</p>

	ECS (Environmental Catalytic Systems) 13799 Park Blvd. #259 Seminole FL 33776
Company website	www.ecscatalyst.com
Market coverage	Nitric Acid/Ammonia Facilities
Contact person	Rick Smojver
Office phone	551-265-2505
Fax no.	727-342-6841
Mobile phone no.	
E-Mail address	richard@ecscatalyst.com
Products	<p>deNO_x Catalyst</p> <p>deN₂O Catalyst</p> <p>CO Catalyst</p> <p>Hydrogen Catalyst</p> <p>Ammonia Destruction Catalyst</p>
Services	DeNO _x /DeN ₂ O System Engineering including vessel fabrication, CEMS Monitoring equipment, Skid Design and Fabrication.



Vendor Profiles 2018

	ESPAÑOLA DE INVESTIGACION Y DESARROLLO, S.A. (ESPINDESA) Arapiles, 13 28015-MADRID (SPAIN)
Company website	www.espindesa.es
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	smarzo@trsa.es ; jrferrer@trsa.es
Products	<p>Española de Investigacion y Desarrollo, S. A. (ESPINDESA) is a subsidiary of Tecnicas Reunidas, S. A. (TR), the leading Engineering and Construction Group in Spain, world wide known as main contractor for process plants. ESPINDESA is devoted to the development and transfer of technologies and licenses for production of Nitric Acid (weak, azeotropic and concentrated) Ammonium Nitrate (prill and porous) 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 and 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>



Vendor Profiles 2018

	Everest Sciences, an S&T Company 17309 East Pine St. Tulsa, OK 74116
Company website	http://everestsciences.com/
Market coverage	Fertilizers, Oil & Gas, Power, & Industrial Markets
Contact person	Eric Warren - President / Marc Ramzy - VP of Sales
Office phone	(918) 770-7190
Fax no.	(918) 234-1644
Mobile phone no.	(918) 699-9074 - Eric
Mobile phone no.	(929) 422-8922 - Marc
E-Mail address	ewarren@everestsciences.com
E-Mail address	mramzy@everestsciences.com
Products	Suction Air Chilling Systems for Air Compressors Turbine Inlet Air Cooling Systems for Gas Turbines AKA ECOChill - Indirect Evaporative Technology with Mechanical Refrigeration Chilling System CleanChill - Mechanical Refrigeration Chilling System

	FLEXIM GmbH Boxberger Straße 12681 Berlin, Germany
Company website	www.flexim.com
Market coverage	Mass Flow, Concentration and Density Measurement within the chemical and fertilizer industry Measurable products: Acids, Caustics, Inorganic and Organic Compounds
Contact person	Markus Bardzinski
Office phone	
Fax no.	
Mobile phone no.	+49 172 32 99 860
E-Mail address	mbardzinski@flexim.de
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



Vendor Profiles 2018

	Flexitallic US LLC 6915 Highway 225 Deer Park, Texas 77536
Company website	www.flexitallic.com
Market coverage	USA, Central America and South America
Contact person	Scott Long - VP of Sales, Engineering & Marketing
Office phone	281-604-2412
Fax no.	281-604-2415
Mobile phone no.	713-806-1903
E-Mail address	slong@flexitallic.com
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 Gasket, the latest technology to solve sealing issues in applications with thermal cycling. The Change Gasket has the highest level of dynamic recovery of any gasket on the market.
Services	Fluid Sealing Engineering Services, Torque Recommendations, Application Engineering, Chemical Compatibility Engineering

	Geib Refining Corp. 399 Kilvert St. Warwick, RI 02886 USA
Company website	www.GeibRefining.com
Market coverage	World-wide
Contact person	Mike Gervais
Office phone	401-738-8560
Fax no.	401-732-2841
Mobile phone no.	401-595-4515
E-Mail address	Mike@GeibRefining.com
Services	Precious metal reclaim and refining. We refine platinum, palladium, and rhodium generated from the production process. This includes filter media, head vacuumings, and related precious metal contaminants. We also recover PGM materials contained in heat train components slated for final destruction.



Vendor Profiles 2018

	GEMACO SA Rue de Hermée, 245 4040 Herstal Belgium
Company website	www.gemaco-piping.com
Market coverage	Worldwide
Contact person 1	Muriel Merchiers - Managing Director
Office phone	+32 370 99 70
Fax no.	+32 370 99 71
Mobile phone no.	+32 496 87 20 04
E-Mail address	mme@gemac.com
Products	Special Stainless Steels for urea and nitric acid applications Pipes & tubes, fittings, flanges, forgings, plates & sheets, bars, bolting Tailor made products: bendings, machined pieces, spools, ... Stock: ± 6 Million \$) - complete range
Services	Contractor Services, packages, urgent needs Controls, inspection, expediting & logistic

	Graver Technologies 300 West Main St. Honeoye Falls, NY 14472 United States
Company website	www.gravertech.com
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	mfarooq@gravertech.com
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.



Vendor Profiles 2018

	<p>Heraeus Heraeus Precious Metals North America LLC 15524 Carmenita Road 90670 Santa Fe Springs, CA USA</p> <p>Heraeus Deutschland GmbH & Co. KG Heraeusstr. 12-14 63450 Hanau Germany</p> <p>Heraeus Materials Singapore Pte. Ltd. Block 5002, Ang Mo Kio Avenue 5 Singapur 569871 Singapur</p> <p>Heraeus Materials Technology Shanghai Ltd. No. 1 Guangzhong Road, Minhang District 201108 Shanghai China</p>
Company website	www.heraeus-chemicals.com
Market coverage	worldwide
Contact person	Charles Q. Melges (Americas) Elena Weiland (EMEA) Zhiyou Gan (APAC) Gang Cui (China)
Office phone	+1 727 447-2084 (Americas) +49 6181 35-4463 (EMEA) +86 (21) 3357-5512 (China)
Fax no.	+1 727 4426523 (Americas) +49 6181 35-3533 (EMEA) +65 6571 7600 (APAC) +86 21 3357-5699 (China)
Mobile phone no.	+ 1 727 480 1437 (Americas) +49 171 5512909 (EMEA) +65 8121 8324 (APAC)
E-Mail address	chuck.melges@heraeus.com (Americas) elena.weiland@heraeus.com (EMEA) edwin.gan@heraeus.com (APAC) patrick.cui@heraeus.com (China)
Products	<p>Heraeus, the technology group headquartered in Hanau, Germany, is a leading international family-owned company formed in 1851. With expertise, a focus on innovations, operational excellence and an entrepreneurial leadership, we strive to continuously improve the businesses of our customers around the world. In the 2016 financial year, Heraeus generated revenues without precious metals of €2.0 bn and a total revenue of €21.5 bn. With approximately 12,400 employees worldwide in more than 100 subsidiaries in 38 countries, Heraeus holds a leading position in its global markets.</p> <p>The Global Business Unit Heraeus Precious Metals is a leading provider of precious metals services and products. We combine all activities related to our comprehensive expertise in the precious metals loop – from trading to precious metals products to recycling.</p>



Vendor Profiles 2018

<p>Services</p>	<p>We are one of the world's largest refiners of platinum group metals (PGMs) and a leading name in industrial precious metals trading. Our precious metals products are used in a wide variety of industries, including the chemical, pharmaceutical, glass, electronics and automotive industries. We offer top quality solutions and products based on many years of experience and technical expertise. We are a reliable development partner for our customers and find the best solutions for their requirements. Our extensive product portfolio includes products and services for industrial ammonia oxidation and hydrogen cyanide. We supply catalytic gauzes and secondary catalysts for N₂O reduction, as well as support our customers on their choice of best catalyst design. 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 additional services such as on-site support, campaign evaluation and refining.</p> <p>Heraeus provides trading and refining services, as well as additionally several well-established systems to recover metal lost from catalytic gauzes within the reactor. We have established various non-destructive as well as destructive cleaning methods, which enable the recovery of precious metals during a plant turnaround. In addition, we offer catalyst performance evaluation, troubleshooting services as well as engineering support for reactor design and optimization.</p>
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Vendor Profiles 2018

	HINDUSTAN PLATINUM PRIVATE LIMITED C-122 TTC Industrial Area Pawane Navi Mumbai 400 703 INDIA
Company Website	www.hp.co.in
Market Coverage	North America, Europe, Asia, Africa, Australia and Middle East
Contact Person	Sundaramoorthy Venkataraman, Assitant Vice President (Engineering Division)
Office Phone No.	+91 22 6190 4316
Fax No.	+91 22 6190 4300
Mobile No.	+91 99309 35943
e-mail Address	nitrocat@hp.co.in
Products	<p>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.</p> <p>Hindustan Platinum's Navi Mumbai refinery is the 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.</p> <p>Hindustan Platinum's Nitro Technologies Division is one of the oldest and major product segments that was established in 1963. This division produces catalyst and getter gauzes for nitric acid and hydrocyanic acid industry.</p> <p>The experience of more than half a century, and a keen understanding of our customers' needs, has helped to drive the nitro technologies division to continuously improve and shape the direction of the technological advancement.</p> <p>Customized catalyst and getter gauzes are designed to suit the variable operating conditions prevailing over each individual layer in the pack, so as to optimize the conversion, yield and precious metal losses.</p> <p>Hindustan Platinum's range of products are as under:</p> <ul style="list-style-type: none"> • Catalyst Gauzes and Getter Systems for Ammonia Oxidation • Precious Metal Catalysts, Compounds, Salts and Solutions for Pharmaceutical, Agro-chemical and other Chemical Industries • Electrical Contacts and Profiles for Switchgear, Control Gear, Automobile, Spacecraft, Elevators and Home Appliances • Thermocouple Wires for Steel and Glass Industries • Laboratory Apparatus for Research and Analytical Laboratories • Precious Metal and Stainless Steel Spinnerettes and Tantalum Filters for Man-Made Fibre Industries • Bushings and Spinner Baskets for Glassfibre and Glasswool Industries • Stirrers, Thimbles, Orifice Liners, Liners, etc., for Glass and Optical Glass Industries • Platinum Alloys, Blanks, Chains, etc., for the Jewelry Industry
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.</p> <p>Specific to our Nitro Technologies Division, our services include:</p> <ul style="list-style-type: none"> • Refining and fabrication of used Platinum alloy catalyst and getter systems for Ammonia oxidation plants • Destructive and non-destructive plant cleaning services for recovery of PGMs from downstream equipment of nitric acid plants • Technical advisory services to evaluate and enhance the product and process performances



Vendor Profiles 2018

	Intertek Polychemlab B.V. Koolwaterstofstraat 1 6161 RA Geleen The Netherlands
Company website	www.intertek.com
Market coverage	
Contact person	Mr. Edu M Bury - Strategic Projects & ANNA EU committee
E-Mail address	edu.bury@intertek.com
Mobile phone no.	+31 612 632 344
Contact person	Mr. John van Hoorn - Sales & Business Development Manager - Safety, Health & Environment
E-Mail address	john.vanhoorn@intertek.com
Mobile phone no.	+31 651 562 754
Contact person	Mr. Manuel Quintas - Marketing Manager Benelux
E-Mail address	manuel.quintas@intertek.com
Mobile phone no.	+31 681 871 794
Office phone	+31 88 126 88 00
Fax no.	
Services	<p>Intertek is a leading Total Quality Assurance provider to industries worldwide. Our network of more than 1,000 laboratories and offices and over 42,000 people in more than 100 countries, delivers innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains.</p> <p>Assurance - Enabling you to identify and mitigate the intrinsic risk in your operations, supply chains and quality management systems.</p> <p>Testing - Evaluating how your products and services meet and exceed quality, safety, sustainability and performance standards.</p> <p>Inspection - Validating the specifications, value and safety of your raw materials, products and assets.</p> <p>Certification - Formally confirming that your products and services meet all trusted external and internal standards.</p> <p>Intertek is an independent supplier of stack emission testing, analyses and monitoring.</p> <p>Emission services can be tailored to meet specific clients, plant and site conditions. Intertek helps customers establish whether emissions are within regulatory compliance and/or permits and license to operate requirements.</p> <p>Intertek is ISO 17025 accredited for the majority of stack emission measurements. Stack emission monitoring includes NOx, N2O, CO, CO2, O2, SO2, TOC, Dust, Heavy Metals, HCL, HF, NH3, Hg, Flow, Pressure, Temperature and Moisture.</p> <p>Our services are supplied to e.g. the (petro) chemical, fine chemical, fertilizers, metals and pharmaceutical industry, and governmental institutions.</p>



Vendor Profiles 2018

	International Precious Metals Institute (IPMI) 5101 North 12th Avenue, Suite C Pensacola, FL 32504 USA
Company website	www.ipmi.org
Market coverage	worldwide
Contact person	
Office phone	+1 850-476-1156
Office phone	+1 850-476-1548
Mobile phone no.	
E-Mail address	mail@ipmi.org
Products	The International Precious Metals Institute (IPMI) serves its members by promoting and supporting precious metals related research, education and networking. Furthermore, we build knowledge and develop best practices in precious metals safety, security and the exchange of information amongst members, universities and governments.
Services	Different Chapters, Councils, and Committees of IPMI focus their attention on specific topics to provide support to member companies (for example tariffs and regulatory questions). The highlight of the year is the Annual Conference (June 2019 in Reno, NV) where professionals from precious metals financing, refining, and metals management among others, are present.

	Johnson Matthey Gate 11, Orchard Road Royston SG8 5HE United Kingdom
Company website	http://www.noble.matthey.com/nitrogen-chemicals
Market coverage	Worldwide
Contact person	Iona Page, Sales Manager Nitro Technologies Michael Nave, Sales Manager Nitro Technologies
Office phone	I. Page - +44 176 3256 026 M. Nave - 610 648 8066
Mobile phone no.	I. Page - +44 796 7278 252 M. Nave - 484 433 5127
E-Mail address	iona.page@matthey.com michael.nave@jmsusa.com
Products	Johnson Matthey offers exceptional quality products and services that along with our expertise and innovative technologies will help maximize your nitric acid plant efficiency; from bespoke gauzes using Eco-Cat™ technology, through to N2O abatement catalyst and baskets.
Services	We offer a tailored service to meet customers' needs; including analysis of catalysts, full precious metal refining, process modeling, MIOX water treatment and Tracerco Tru-Scan™ absorption tower scanning.



Vendor Profiles 2018

	Joseph Oat Corporation 2500 Broadway Camden, New Jersey 08104
Company website	www.josephoat.com
Market coverage	Worldwide
Contact person	John McDonald
Office phone	856-541-2900 Ext. 205
Fax no.	856-541-0864
Mobile phone no.	856-371-0009
E-Mail address	j.mcdonald@josephoat.com
Products	Products include heat exchangers, complex pressure vessels, reactors - jacketed and tubular with or without agitators, columns, tower tanks, pipe spools, and specialty fabrications for highly corrosive and/or severe operating conditions
Services	Founded in 1788, Joseph Oat is the oldest continuously operating manufacturer in the USA. We are engineers, designers and fabricators of critical fabricated products for the chemical process and nuclear power industries. Our extensive Material fabrication capabilities include austenitic 300 series stainless steels; super austenitic and duplex stainless steels, including 904L, 6-Moly, 2205, 2507; high-nickel "super" alloys, including alloys 600, 625, 800, C-22, C-276; reactive metals, especially titanium and zirconium; as well as many other materials, including weld overlays and explosive clad metals. Additionally, we can offer internal and external polishing of our equipment, and we have supplied chemical reactors with mechanical polish followed by electro-polish to a super mirror finish. We possess ASME Section VIII 'U' & 'U2' stamps. Deliveries from our plant can be made by truck, rail, barge and ship.



Vendor Profiles 2018

	K.A. Rasmussen as Birkebeinervegen 24 2316 Hamar Norway
Company website	www.karasmussen.com
Market coverage	Global
Contact person	Torodd Rande - CEO / Chris Brown - Technical Sales Director
Office phone	
Fax no.	
Mobile phone no.	+47 416 08 099 / +44 7852 511 691
E-Mail address	tr@karasmussen.com / cb@karasmussen.com
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 precious metals gauze & getter systems for the ammonia oxidation industry and refining of high & low grade materials. K.A. Rasmussen has over 80 years experience of supplying into the ammonia oxidation industry and proficient technical support for designing to client requirements.
Services	Our services extend beyond manufacturing & refining and with our partners United Recovery Services Group (URSG), we offer a range of cleaning services focusing on plant production, thermal efficiencies, equipment longevity and precious metal recovery carried out by a globally experienced team.

	Kellogg, Brown & Root 601 Jefferson St. Houston, TX 77002
Company website	WWW.KBR.com
Market coverage	Worldwide
Contact person	Rosalyn Gaines/David Boyd
Office phone	713-753-6374
Fax no.	
Mobile phone no.	281-630-4304
E-Mail address	rosalyn.gaines@kbr.com
Products	KBR Technology provides licensed process technologies, proprietary equipment and services for fertilizer, refining, olefins, chemicals and coal monetization markets. Since 1943, KBR has licensed more than 225 ammonia plants, pioneered large-scale, single-train ammonia plants, and has introduced numerous commercially successful ammonia process technologies. Additionally, the KBR subsidiary company, Weatherly Inc. supplies technology for the production of nitric acid, urea and ammonium nitrate, primarily for use in nitrogen-based fertilizers.
Services	KBR Technology partners with global engineering, procurement and construction companies to provide grassroots, revamp, expansion and performance improvement solutions to customers worldwide. KBR Technology's portfolio is complemented by joint ventures, partnerships and alliances with industry leading technology providers.



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	Kao Corporation, S.A. Puig dels Tudons, 10 08210 Barberà del Vallès (Barcelona) - SPAIN
Company website	http://www.kaochemicals-eu.com
Market coverage	world wide.
Contact person	JUAN MIGUEL SANCHEZ
Office phone	+34 93 7399389
Office fax	+34 93 7194483
Mobile phone no.	639305403
E-Mail address	jmsanchez@kao.es
Products	<ul style="list-style-type: none"> - Anti-caking agents for Urea, AN, CAN, NPK, NP, PK, KCl, MAP and DAP - Anti-dusting agents for all fertilizer products - Hydrophobic agents (to prevent moisture pick-up) - Processing aid agents (improving drying kinetics, change crystal behaviour, etc.) - Porosity and thermostabilizer agents for AN technical grade (low density) - Anti-caking agents for low density AN - Anti-foaming agents for phosphate rock - Anti-corrosive agents for liquid fertilizers
Services	<p>KAO Fertilizer Division has swiftly developed one of the largest ranges of chemical products aimed at assisting fertilizer producers to improve the quality of their end-products.</p> <p>Our chemical additives have been developed in order to solve the day to day problems which appear in the fertilizer industry during production, handling, application chain, storage and transportation of fertilizers in all forms: granules, prill, liquid, etc.</p> <p>This range encompasses cationic, anionic and non-ionic surfactants sometimes blended with oils/waxes and marketed under the SK FERT® and URESOFT® brand-names.</p> <p>More than 40 years' experience in this market has given us the know-how in the treatment of a wide range of fertilizers. We provide full technical support to carry out laboratory and industrial trial tests.</p>



Vendor Profiles 2018

	Kimre, Inc. 744 SW 1st Street Homestead, FL. 33030
Company website	www.Kimre.com
Market coverage	Worldwide
Contact person	Edward Fowler
Office phone	(305) 233-4249
Fax no.	(305) 233-8687
Mobile phone no.	
E-Mail address	efowler@kimre.com
Products	B-GON® Mist Eliminators KON-TANE® Scrubber & Tower Packing Kimre™ Candle Fiber Bed Filters and repacks AEROSEP® Multi-Stage Aerosol Separation System SXF™ Cross-Flow Scrubbers. DRIFTOR® Drift Eliminators LIQUI-NOMIX® liquid/liquid coalescers BATTEN BAR™ and PANTS HANGER™ Media support and handling systems
Services	For more than 45 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!



Vendor Profiles 2018

	Krastsvetmet 1, Transportny proezd, Krasnoyarsk Russian Federation, 660027
Company website	www.krastsvetmet.com
Market coverage	Global
Contact person	Natalia Borisova
Office phone	+7391 259 3333 ext. 3550
Fax no.	+7 391 259 3922
Mobile phone no.	+7 913 190 17 08
E-Mail address	industrialsales@krastsvetmet.com
Products	Tailor-made catalytic system Catalyst gauzes for ammonia oxidation Getter/ catchment gauzes N2O abatement catalyst PGM bars and sponge Precious metals compounds Glass and basalt fiber bushings Thermo-electrode and thermocouple wire Silver sputtering targets Laboratory ware APIs Certified reference materials of precious metals Jewelry
Services	Engineering & Technical consulting for Nitric acid plants R&D Modeling & Simulation Refining all materials containing PGM PGM recovery services

	Lanmark Engineering #150, 625 - 11 Ave S.W. Calgary, AB T2R 0E1 Canada
Company website	http://www.lanmarkeng.net/
Market coverage	Global
Contact person	Patrick Jeanson
Office phone	403-536-7300
Fax no.	
Mobile phone no.	403-827-3438
Email address	lanmark@lanmarkeng.net
Products/Services	Lanmark is an engineering consulting company that has over 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.



Vendor Profiles 2018

	MAN Energy Solutions USA Inc. (formerly MAN Diesel & Turbo North America Inc.) 1600A Brittmoore Rd Houston TX 77043
Company website	www.man-es.com
Market coverage	Turbomachinery OEM
Contact person	Phillip Schuepbach
Office phone	713-780-4200
Fax no.	713-780-2848
Mobile phone no.	281-386-0938
E-Mail address	phillip.schuepbach@man-es.com
Products	Axial Compressors Centrifugal Compressors Integrally Geared Compressors Screw Compressors Steam Turbines Engines for ships and power plants
Services	MAN is a leading turbomachinery OEM that provides products and services for highly engineered multi-body compressor trains.

	Materials Technology Institute 1001 Craig Road #490 St. Louis, MO 63146
Company website	www.mti-global.org
Market coverage	Worldwide
Contact person	Byron Keelin
Office phone	314-567-4111
Fax no.	
Mobile phone no.	314-402-0655
Email address	bkeelin@mti-global.org
Products/Services	MTI is an international research institute focus on non-proprietary research primarily in the petroleum, chemical processing, paper and pulp, and food processing industries.



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	Metallix Refining 59 Avenue At The Common Suite 201 Shrewsbury NJ 07702
Company website	MetallixRefining.com
Market coverage	
Contact person	Sharon Bauchmann
Office phone	800-327-7938
Fax no.	732-544-0895
Mobile phone no.	
E-Mail address	sales@Metallix.us
Products	
Services	<p>Metallix is a Buyer & Recycler of Precious Metals (Gold, Silver, Platinum, Palladium, Rhodium) bearing scrap materials. Our state of the art, precious metal recycling facility is located in Greenville, NC. Our precious metals recycling process were designed to produce maximum value from your scrap materials. Additionally our attention paid to Environmental, Health & Safety issues makes Metallix the likely choice for your precious metals recycling needs. For more in-depth information, please visit our website and view our corporate video - www.Metallix.com.</p>

	MIOX/Johnson Matthey 5601 Balloon Fiesta Parkway NE Albuquerque, NM 87113
Company website	www.miox.com
Market coverage	Water disinfection for cooling towers and process water
Contact person	Steve Garcia, Director of Business Development
Office phone	505-224-1161
Fax no.	
Mobile phone no.	505-977-3630
E-Mail address	Steve.garcia@matthey.com
Products	<p>Manufacturer of electrochemical generators that utilize salt, water and electricity for on-site production of disinfectant for cooling water and process water treatment. Eliminate hazardous chemicals stored at your facility and significantly reduce trucking. MIOX is the industry leader in manufacturing safe, reliable on-site chemical generators for production of sodium hypochlorite and Mixed Oxidant Solution.</p>
Services	<p>MIOX systems use salt, water and electricity to create environmentally-neutral, yet extremely effective water disinfectants at the point of use. Today MIOX offers two different type of on-site chemical generators. Our sodium hypochlorite systems are engineered to provide the absolute lowest cost bleach available on the market. In contrast, our Mixed Oxidant Solution (MOS) generators are engineered for maximum disinfection efficacy through proprietary cell design, control of power and cell geometry. MIOX offers full service support including Maintenance/Service Agreements. Visit us at www.miox.com</p>



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	MHI Compressor 14888 Kirby Drive Houston Texas 77047
Company website	www.mhicompressor.com
Market coverage	Global
Contact person	Bob King
Office phone	
Fax no.	
Mobile phone no.	250-801-0674
E-Mail address	bob_king@mhicompressor.com
Products	Steam Turbines Compressors Parts Manufacturing Pumps Environmental
Services	On Site-field services Turnaround Planning Rotor Storage Reverse Engineering

	NAQ GLOBAL COMPANIES 11590, DAVIS CREEK ROAD EAST JACKSONVILLE - FL -32256 USA
Company website	www.naqqlobal.com
Market coverage	
Contact person	Fernanda Dias
Office phone	
Fax no.	
Mobile phone no.	+1 904 666 0511
E-Mail address	info@naqqlobal.com
Products	Additives for Fertilizer Industries (anti caking agent, anti dust, defoamers, floatation agents, granulating aid, colouring agents, micro nutrient binders, filtration aid)
Services	Complete technical services are provided for application of these products at customer site.



Vendor Profiles 2018

	Nalco Water, an Ecolab Company 1601 W Diehl Rd Naperville, IL 60563-1198 USA
Company website	www.ecolab.com/nalco-water
Market coverage	Global
Contact person	Nalco Water Heavy, Chemical Strategic Business Unit
Office phone	630-305-1000; 1-800-288-0879
Fax no.	1-800-288-0878
Mobile phone no.	
E-Mail address	CustomerService.US.Nalco.com
Products	<p>Nalco Water is the world-class water treatment solutions provider that delivers "water fit for use" everywhere it matters in our customers' operations: water pretreatment, cooling and boiler systems, process water maximization and post treatment. Our offerings include 3D TRASARTM Technology for cooling water, boilers and pretreatment and equipment for reverse osmosis and softeners. We offer 3D TRASAR Technology for UAN Solutions and Nitrogen Analyzer providing monitoring, diagnostics and control to optimize performance and total cost of operations. Our PURATETM Chlorine Dioxide Generation Technology delivers simple, reliable and cost-effective solution for wide pH and water volume range for cooling water systems and lowers risk in ammonium nitrate production. We recently launched OMNITM Total Heat Exchanger Performance, which provides advanced monitoring of critical assets, delivering plant reliability and profitability.</p>
Services	<p>The world's leading provider of water treatment and process improvements with more than 5,000 global sales and service associates, Nalco Water partners with customers who seek innovative solutions for water and resource constraints. As an Ecolab company, we're perfectly aligned with the corporate vision to be the global leader in water, hygiene and energy technology and services, providing and protecting what is vital. Nalco Water delivers differentiated value to our customers via technology, industry focused expertise and on-site technical problem solving. Our best-in-class treatment solutions are combined with unique monitoring and diagnostic tools to provide new insight into your process performance and a step change in your equipment reliability and profitability.</p>



Vendor Profiles 2018

	NIIK (R&D Institute of Urea) RUSSIA, 606008, Nizhny Novgorod Region, Dzerzhinsk, Griboedov Street, 31
Company website	http://niik.ru
Market coverage	Technologies for urea, nitric acid, ammonium nitrate, urea-based fortified fertilizers, methanol.
Contact person	Mrs. Natalia Kargaeva
Office phone	+78313267194
Fax no.	+78313255221
Mobile phone no.	+79103804454
E-Mail address	kargaeva@niik.ru
Products-Services	Feasibility study, basic and detailed engineering, packaged equipment delivery, construction management, development and implementation of complex solutions for emissions reduction, energy saving, improvement of final product quality. Prilling towers, High-Speed Drum Granulator. Corrosion inspections, maintenance and repair.

	NORAM GROUP AXTON - ELLETT 200 Granville St Vancouver, BC V6C1S4
Company website	www.noram-eng.com
Market coverage	World
Contact person	Bob Gill / Kyle Loutet
Office phone	1 604 681-2030
Fax no.	1 604 683-9164
Mobile phone no.	1 604 220-7310
E-Mail address	rgill@ellett.ca / rgill@noram-eng.com / kloutet@noram-eng.com
Products & Services	Global Technology & Engineering Solutions Axton-Ellett "HIGH PERFORMANCE" Design & Fabrication of Process equipment: *Heat Exchangers, *Pressure Vessels, *Reactors, * Evaporators using - Stainless Steels, High Nickel Alloys, Titanium & Zirconium NORAM World-leading technology for adiabatic nitrobenzene production Nitric acid concentration technology (NAC) NOx recovery technology Sulfuric acid plants & equipment Specialty in novel electrochemical processes biological and hydrothermal wastewater treatment technologies



Vendor Profiles 2018

	<p>Nippon Steel & Sumikin Bussan Americas Inc. Head Office: 200 N Martingale Rd, Suite801, Schaumburg, IL 60173 Other office : Los Angels, Houston, Pittsburgh, Mexico (Our parent company is Nippon Steel & Sumikin Bussan Corp., "NSSB", and have office in 18 countries including North & Central America, Asia and Europe)</p>
Company website	http://www.nssb-us.com/
Market coverage	Worldwide (Steel, machines, textile and food)
Contact person	Shingo Hoshino
Office phone	224-698-2016
Fax no.	847-413-4030
Mobile phone no.	+1-213-300-9145
E-Mail address	shoshino@nssb-us.com
Products	<p>Product : Stainless steel Manufacturer : Nippon Steel & Sumikin Stainless Steel Corporation (NSSC) Spec : "SN-1" - It is corrosion resistance which is suitable for all concentrations of HNO₃</p> <p style="padding-left: 40px;">below 60°C, either in vapor or liquid phases. It is high strength which enables large scale nitric acid plant/tank (98% nitric acid, mixed acid) and equipment construction. Material can be supplied by sheet/plate, pipe, fitting, flange, valve, pump, bar and welding material.</p> <p>Spec : "300 & 400 Series", "Nickel-alloy" and "duplex".</p>
Services	<p>We can introduce, buy/sell, import/export and process all kinds of steel. We mainly handles products of Nippon Steel & Sumitomo Metal Corp (NSSMC) who is No.1 steel mill in Japan. We are main distributor of NSSMC steel products. NSSC is NSSMC's stainless affiliated company. (Contact information in Japan) Hajime Kono(Manager) Office phone: +81 6 7222 8038 Mobile phone: +81 90 2523 7078 Email address: kounohaj582@nssb.nssmc.com</p> <p>Yoko Suzuki(Sales Coordinator) Office phone: +81 6 7222 8038 Mobile phone: +81 80 9645 7656 Email address: suzukiyou634@nssb.nssmc.com</p>



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	<p>Nippon Steel & Sumikin Stainless Corporation Tekko Building 17F, 1-8-2 Marunouchi , Chiyoda-ku, Tokyo 100 - 0005, Japan</p>
Company website	https://nssc.nssmc.com/en/
Market coverage	Global market
Contact person	Mr. Yasufumi TAYAMA
Office phone	+81-3-6841-5237
Fax no.	+81-3-6841-6382
Mobile phone no.	+81-80-1115-9738
E-Mail address	tayama.yasufumi.g4w@nssc.nssmc.com
Products	<p>NSSC produce coil, plate, and wire rods of stainless steel. NSSC can supply almost all the stainless grades/specification including martensitic, ferric, austenitic, and duplex. At the same time, as a member of NSSMC group, NSSC is expanding R&D activity to respond various demands in the rapidly changing world market, including wide range of new application. Below materials are example of new specification which are excellent solutions for many industries.</p> <p>NSSC SN-1(ASTM S30616) for concentrated nitric acid tank, etc NSSC 2120 (ASTM S82122) for infrastructures, constructions, etc. NSSC DP28W(ASTM S32808) for urea plants NSSC AH-4(ASTM 31060) for heat-resistance usages NSSC FW series (FW1, FW2) for electric appliances, pots & pans, kitchen usages, etc.</p>
Service	<p>Nippon Steel & Sumikin Stainless Corporation (NSSC) was established in 2003. NSSC is the integration of stainless steel business units in former "Nippon Steel Corp." and former "Sumitomo Metal Industries" which were also merged together as Nippon Steel & Sumitomo Metals Corporation (NSSMC) in 2012. NSSMC is one of the largest mill in the world, and No. 1 in Japan.</p>



Vendor Profiles 2018

	<p>Novatech Professional Corporation Building 15-South 669 West Quinn Pocatello, Idaho 83202</p>
Company website	www.novatech-engr.com
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	kjensen@novatech-engr.com
Services	<p>Novatech - providing services to the Nitrogen industry for 16 years Novatech offers professional plant engineering & design, chemical engineering, and consulting services to the Nitrogen industry, with special focus on nitric acid and on nitric acid and its derivatives. The majority of our project work has provided unique solutions which have successfully resolve plant issues, concerns, and needs.</p> <p>We provide civil, mechanical, structural, and electrical engineering services, through issuance of certified RFC drawings. We offer project management and assistance to client & contractors during construction and installation. We assist our clients with commissioning, including development and preparation of operating procedures and involvement in MOC, PSSR, and similar safety management processes.</p> <p>We also 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. We have simulated multiple nitric acid plants, comprising a range of current and older designs, as well as UAN facilities, with expansion of our capabilities into simulation of urea processes this year.</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 lab, when appropriate. We also champion "orphaned" projects for clients, providing the drive and motivation to help push the project no one else has time for. Novatech also offers years of design experience to users of nitric acid in the nitration and energetic materials industries (we understand your industry).</p> <p>Please check out our website or contact us for any questions you may have!</p>



Vendor Profiles 2018

	Oschatz GmbH Westendhof 10-12 Essen, Germany
Company website	www.oschatz.com
Market coverage	Worldwide
Contact person	Mr. Heinz Wienen / Mr. Lynn Tenbuß-Küppers
Office phone	+ 49 201 1802 203 / + 49 201 1802 217
Fax no.	
E-Mail address	Wienen.H@oschatz.com / Tenbuss-Kueppers.L@oschatz.com
Products	Turn-key residue combustion systems for the chemical industry Key components for: Nitric acid plants Caprolactam and hydroxylamine systems Sulphuric acid plants
Services	As an ISO 9001 qualified company, 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 Nanjing, China and Prague, Czech Republic. Further more, Oschatz has particular expertise in: Residue combustion, heat transfer, water circulation, cleaning of heating surfaces, control of corrosion and erosion processes, damage point analyses.

	Paul Bungartz GmbH & Co. KG Düsseldorfer Str. 79 40545 Düsseldorf Germany
Company website	www.bungartz.com
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	bungartz@bungartz.de
Products	Manufacturer of customized single stage centrifugal pumps for: difficult sealing challenges difficult intake conditions explosives wear & tear applications All pumps have a exceptional high level of intrinsic safety and follow a unique sealing philosophy



Vendor Profiles 2018

	Peddie Engineering Pty Ltd 1 Cleverton Close Warners Bay NSW Australia 2282
Company website	
Market coverage	Technical & Safety Engineering consultancy
Contact person	Ron Peddie
Office phone	+61413481689
Office fax	
Mobile phone no.	+61413481689
E-Mail address	peddieronald@gmail.com
Service	<p>Peddie Engineering's expertise is in all areas of Nitric Acid and Ammonium Nitrate manufacture process development, engineering, research, and technical safety. Decades of relevant experience and access to a network of knowledge</p> <p>Safety work including hazard study, process safety management (PSM) review and periodic hazard studies are comprehensive and at very high technical levels. Peddie Engineering has a record of achievement in increasing plant output cost-effectively and producing efficient, environmentally sound designs deploying innovative technology. Peddie Engineering always works with a complete commitment to safety and the hazard study process. Reports for clients are inclusive of all the issues identified written in clear logical language with well worked out conclusions.</p> <p>Identification of new processes or steps to solve difficult problems is part of the procedure. Ron Peddie is an expert panel member of SAFEX (Explosives Safety International) with specific knowledge in Ammonium Nitrate. In cooperation with the other SAFEX experts, Peddie Engineering can conduct very comprehensive independent technical reviews of incidents.</p> <p>Clients from every continent find their knowledge improved with good humour and collaboration.</p> <p>Hazard study, process safety management systems development. Technical review process development process design</p>



Vendor Profiles 2018

	PGM Technologies GmbH Kaiserleistrasse 43 63067 Offenbach Germany	PGM Technologies Inc. 410 W Blount Ave Knoxville, TN 37920 USA
Company website	www.pgmtechnologies.com	
Market coverage	North, Central & South America, Australia, Europe, Africa, Asia, Russia	
Contact person	D. Kelley, H. Schneider, J. Reising, G. Wigley, D. Fox, A. Frail	
Office phone	+49 69 6777 9969	001 865 500 8127
Fax no.	+49 69 6777 9972	
Mobile phone no.		
E-Mail address	sales@pgmtechnologies.com	
Products	PGM Technologies have a global network of highly skilled professionals, specializing in the field of technical plant cleaning, precious metal recovery & refining. With strategically located key personnel PGM Technologies can provide a global service to nitric acid and chemical industry without limitations.	
Services	Technical Project Survey & Financial Proposals Refining Route Management - Matrix Assaying Metal Trading (LPPM) or Transfer Global Logistics Management Nitric Acid Production Consulting & Case Study Analysis Debottlenecking & Gauze Efficiency Evaluation Onsite & Off Site Services: Non-aggressive chemical cleaning (Vessel Fill-up) Chemical spray Mechanical cleaning High pressure hydroblasting Destructive cleaning Treatment facilities in the US, Germany & India Purchase of Plants & Out of service components PGM Technologies, a team united behind a single global strategy, approaching each project with fresh eyes and inspired minds.	



Vendor Profiles 2018

	Phillip Townsend Associates, Inc (PTAI) 509 North Sam Houston Parkway East Suite 600 Houston, TX 77060-4036
Company website	www.ptai.com
Market coverage	Global and Regional. Nitrates and Ammonia-Urea
Contact person	Greg Smith
Office phone	
Fax no.	
Mobile phone no.	+1 (630) 926-3817
E-Mail address	gsmith@ptai.com
Services	PTAI is a global benchmarking company. Nitrates Plant Benchmarking is one of our 55 product benchmarking programs. We also run Ammonia-Urea Benchmarking Program

	Power Cleaning Specialists, Inc. 16858 Florida Blvd. Baton Rouge, LA 70819
Company website	powercleaningspecialists.com
Market coverage	North America
Contact person	Steven P. Burtner, President
Mobile phone no.	(225) 964-9105
E-Mail address	burtnersteve1@gmail.com
Contact person	Alan G. Thibodeaux, Vice-President
Mobile phone no.	(225) 337-4807
E-Mail address	athibodeauxpcs@gmail.com
Office phone	(225) 275-5050
Office fax	(225) 275-5057
Services	Hydroblasting, Chemical Cleaning, Platinum Group Metals Recovery, Nitric Acid Absorption Tower Cleaning/Pigging, Efficiency Experts in Nitric Acid Units, Baking Soda Blasting, 3-D Tank Cleaning, New Plant Pre-Start-Up Pickling, Pipe Pigging



Vendor Profiles 2018

	ProSim SA Immeuble Stratège A 51, rue Ampère F-31670 LABEGE - France
Company website	www.prosim.net
Market coverage	Worldwide
Contact person	
Office phone	+33 (0)5 62 88 24 30
Fax no.	+33 (0)5 62 88 24 39
Mobile phone no.	
E-Mail address	sales@prosim.net
Products	<p>Software portfolio: 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	Consulting services and training



Vendor Profiles 2018

	PST Industries 5 Rue Jules Rein 78600 Le Mesnil le Roi France
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	lgattefosse@freeflow.fr
Production Plants	Europe : France & Spain & Italia & Netherland USA : Florida
Products	Porosing Agent for LDAN Super Dry PR21 G /Super cleaner40 / Supper Blast Anti caking for LDAN Freeflow GRD 570 Water soluble anticaking Freeflow 250 Anionic Anti Caking for Fertilizers Freeflow 7XX & Freeflow 5XX Cationic Anti Caking for Fertilizers Freeflow 8XX & Freeflow 9XX Hydrofobic Anti Caking for AN Fertilizers Freeflow 9XXH Anti dust for fertilizers Freeflow 4XX Anti caking liquid at room Temperature Freeflow 710 M Flotation aids for Phosphates Freeflot S & Freeflow EP (reverse flotation) Colouring agent FreeCol blue/red/yellow/brown
Services	PST chemistry is based on both anionic and cationic technologies, our R&D, technicians and process engineers can determine the optimum technology and dosage for each application. Product Service Technology. Think SAFETY, Be PST...



Vendor Profiles 2018

	R. S. Bruce Ltd (Bruce Group) March Street Sheffield S9 5DQ UK
Group website:	www.rsbruce.com
Market coverage:	Global - Recovery of Platinum Group Metals
Contact:	Contracts Manager - PGM Recovery: Alan Hides: Tel: +44(0)7973 294116
E-Mail address:	alan.hides@rsbruce.com
Contact:	Sales Manager - PGM Recovery : Mike Lambson Tel: +44 (0)7551 171688
E-Mail address:	mike.lambson@rsbruce.com
Contact:	Operations - PGM Recovery : Richard Thevenon Tel: +44(0)7741 003711
E-Mail address:	richard.thevenon@rsbruce.com
Office phone / fax no:	Tel: +44(0)114 244 8050 Fax: +44(0)114 242 6582
Products	Recovery of Platinum Group Metals from Industry
Services	<p>R. S. Bruce Ltd is Head of the Bruce Group of companies, an acknowledged expert in the field of precious metals recovery for over 30 years.</p> <p>RS Bruce Ltd, designing innovative, high performance systems and applications for the recovery of precious metals from industry, providing clients with an extensive range of onsite and offsite services for an efficient and expedient recovery process. Plant Survey and PGM recovery programme.</p> <p>Non-aggressive chemical treatments.</p> <p>Ultra high pressure jetting.</p> <p>PGM Recovery treatment on redundant components.</p> <p>Facilities in: Sheffield UK, USA and Shanghai China.</p> <p>Global Logistics managed by the RS Bruce Ltd. The Bruce Group endeavour to provide continuous improvement in environmental, health and safety (EHS) performance worldwide.</p>



Vendor Profiles 2018

	RHEWUM GmbH Rosentalstr. 24 42899 Remscheid NRW Germany
Company website	www.rhewum.com
Market coverage	Particle screening & separation, bulk material handling, feeding and conveying
Contact person	Sigurd Schuetz, Managing Director
Office phone	+49 2191 5767-0
Fax no.	+49 2191 5767-111
Mobile phone no.	
E-Mail address	info@rhewum.com
Products	Screening Machines with direct excitation of the screen cloth Double-frequency screeners Multi-deck screeners Vibrating feeders, Spiral and other conveying systems Wet screeners Optical sorters, Flow & size checkers, Particle analyzer
Services	Developing, designing, manufacturing and supply of vibrating machinery and equipment Test work, research and development Commissioning and plant optimization Project development



Vendor Profiles 2018

	Rockwell Automation 1201 South 2nd Street Milwaukee, WI 53204
Company website	www.rockwellautomation.com
Market coverage	Chemical processing
Contact person	Mike Kletti
Office phone	
Fax no.	
Mobile phone no.	1 920 903 7048
E-Mail address	makletti@ra.rockwell.com
Products	Distributed Control Systems (DCS) Safety Instrumented Systems (SIS) Motor Control Centers (MCC) & drives (VFD) Industrial Control Products Industrial Network Products Manufacturing Execution System (MES) Programmable Controllers (PLC) Advanced Process Control (APC) Condition Monitoring & Turbo Machinery Control (TMC) Fired Equipment & Boiler Management Systems (BMS)
Services	DCS/SIS Consulting, Integration, & Migration Services Cyber Security & Network System Audits Electrical Motor Control & Consulting Services

	RVT Process Equipment, Inc. 9047 Executive Park, Dr. Suite 222 Knoxville, TN 37923
Company website	www.rvtpe.net
Market coverage	North America and South America
Contact person	Brian Yount
Office phone	(865) 694-2089
Fax no.	(865) 560-3115
Mobile phone no.	
E-Mail address	b.yount@rvtpe.net
Products	Mass Transfer Equipment Tower Packing (Random and Structured) Column Internals Mass Transfer Trays Catalyst Support Media
Services	Engineering Support Installation Supervision



Vendor Profiles 2018

	Sabin Metal Corporation P.O. Box 905 1647 Wheatland Center Road Scottsville, NY 14546
Company website	www.sabinmetal.com
Market coverage	Worldwide
Contact person	Betsy Gremer/Alan Heywood/Bodo Albrecht
Office phone	+1 585 538 2194
Fax no.	+1 585 538 2593
Mobile phone no.	+1 585 880 7693 (Betsy), +44 7889 241212 (Alan UK), +1 908 419 8146 (Bodo)
E-Mail address	betsyg@sabinmetal.com ; aeheywood@aol.com ; balbrecht@sabinmetal.com
Additional Contact	For Latin America / Caribbean please contact Miguel Luna - Ph# +52 1 55 2495 6340 sabinlat@prodigy.net.mx
Additional Contact	For Australia please contact Peter Ford - Ph#+61-434-499-476 p.ford@sabinmetal.com
Products	Supply and refining of catalyst systems, PGM recovery and Technical Services
Services	<p>Platinum Group Metals (PGM) recovery services, refining of process gas filters, On site PGM recovery from heat exchangers, process and refining of redundant heat exchangers, refining of dusts, tank sludges, etc.</p> <p>PGM metal sales and PGM trading.</p> <p>Sabin International Logistics Corporation (SILC) Full transportation and logistics services.</p> <p>Sabin Metal Corporation featuring "One Stop Shop," let us quote your transportation, processing and refining all under one PO.</p>



Vendor Profiles 2018

	<p>Sandvik Materials Technology</p> <p>Storgatan 2 81181 Sandviken SWEDEN</p> <p>982 Griffin Pond Rd Clarks Summit, PA 18411 UNITED STATES</p> <p>8618 W. Little York Rd. Houston, TX 77040 UNITED STATES</p>
Company website	http://smt.sandvik.com/en/
Market coverage	Global
Contact person	Oscar Johansson (Sweden) Matt Sutherland (USA) Johnnie Nguyen (USA)
Office phone	+4626260000 (713) 983-2308
Mobile phone no.	(346) 803-8807
E-Mail address	tubespecial.smt@sandvik.com Oscar.Johansson@sandvik.com Matt.Sutherland@sandvik.com Johnnie.Nguyen@sandvik.com
Products	Sandvik Materials Technology 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 advanced 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"> - Digital Monitoring - Materials Consulting and Testing - New Development - Fabrication and Support - Materials Training



Vendor Profiles 2018

	Solenis 3 Beaver Valley Road Suite 500 Wilmington, DE 19803
Company website	solenis.com
Market coverage	Water Treatment in CPI, HPI, Pulp & Paper, Food & Beverage, Corn Oil, Oil & Gas, Chemical Processing, Mining, Biorefining, Power & Municipal Markets
Contact person	Candace Perras
Office phone	
Fax no.	
Mobile phone no.	1-403-001-3316
E-Mail address	cperras@solenis.com
Products & Services	<p>Solenis is a leading global producer of specialty chemicals for water intensive industries, including the pulp, paper, oil and gas, chemical processing, mining, biorefining, power and municipal markets. The company's product portfolio includes a broad array of process, functional and water treatment chemistries 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 and minimize environmental impact. Headquartered in Wilmington, Delaware, the company has 37 manufacturing facilities strategically located around the globe and employs a team of approximately 3,700 professionals in 118 countries across five continents. For additional information about Solenis, please visit www.solenis.com.</p>

	Solex Thermal Science #250, 4720 - 106 Ave Se Calgary, Alberta, Canada T2C3G5
Company website	www.solexthermal.com
Market coverage	Worldwide
Contact person	Filippo Colucci
Office phone	+31 621 804 131
Fax no.	
Mobile phone no.	
E-Mail address	filippo.colucci@solexthermal.com
Products & Services	<p>Headquartered in Calgary, AB, Canada, Solex Thermal Science is the global leader in the development, design and manufacturing of high efficiency, indirect heat exchangers. Specializing in the heating, cooling and drying of bulk solids, our technology has been applied to the processing of fertilizer, sugar, oilseeds, grains, plastics and many other bulk solid products. Using proven and proprietary thermal modeling software, each heat exchanger is custom designed to meet the unique thermal performance requirements of our customers. With over 25 years of experience, and more than 500 heat exchangers installed in 50 countries worldwide, we provide best in class service from inception to completion, with technical and sales support available globally in multiple languages. Your partner in innovation, learn more at www.solexthermal.com</p>



Vendor Profiles 2018

	SPX FLOW Brand 4647 SW 40th Avenue Ocala, Florida 34474
Company website	www.spxflow.com
Market coverage	Power Generation / Oil & Compressed Air / Process / Nitric Acid / Chemical & Waste Water
Contact person	Harry Derkay / Mary Kay Leverett
Office phone	(800) 344-2611
Fax no.	(352) 873-5773
Mobile phone no.	(352) 266-2604
E-Mail address	harry.derkay@spxflow.com
Products	Air Intake Filtration / Platinum Recovery Filtration / Oil Mist Eliminators / Pipeline Particulate & Pipeline Coalescers & Liquid Filtration
Services	<p>At SPX Flow Dollinger, you will find a total commitment to filtration solutions designed to improve productivity and lowering your total costs of filtration.</p> <p>SPX Flow Dollinger offers cost effective contaminate removal solutions for Air Intake Filters, Platinum Recovery, Compressed Air & Gas Pipeline Filters, Coalescing Filters, Oil Mist Eliminators & Liquid Filtration Systems.</p>

	Stamicarbon BV Mercator 3, 6135 KW Sittard P.O. Box 53, 6160 AB Geleen The Netherlands
Company website	www.stamicarbon.com
Market coverage	World wide
Contact person	Mr. Harold van der Zande
Office phone	+31 46 423 7002
Fax no.	+31 46 423 7001
Mobile phone no.	+31 65 349 8058
E-Mail address	Harold.ZandeVanDer@stamicarbon.com
Products	Nitric Acid Technology and process design Urea Technology and process design Project development
Services	Equipment supply and replacement Inspection services Plant assessment feasibility Studies Troubleshooting Emission reductions Training services



Vendor Profiles 2018

	Sulzer Turbo Services Houston Inc. 11518 Old LaPorte Rd. LaPorte TX 77571
Company website	www.sulzer.com
Market coverage	Ammonia, Nitric Acid, Petrochem, Fertilizer, Refining, Power Generation
Contact person	Mike Curran
Office phone	713-567-2700
Fax no.	713-567-2830
Mobile phone no.	713-254-6691
E-Mail address	mike.curran@sulzer.com
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, generators, motor drives gearboxes and other BOP. Field Services, Technical Directors, Vibration Diagnostics Specialists and Engineering Services built around rotating equipment

	TECHNOLOGIE INOVAWELD INC. 139 Rue du Parc de l'Innovation La Pocatiere, Quebec CANADA G0R 1Z0
Company website	www.inovaweld.com
Market coverage	Food, Pharma, Chemical (Nitric Acid,..), Nuclear,...
Contact person	Mr. Michel Levesque
Office phone	1-418-647-3758 Ext. 2404
Fax no.	1-418-371-0971
Mobile phone no.	1-418-860-7987
E-Mail address	m.levesque@inovaweld.com
Products	Stainless steel drums (TH: Tight Head & OH: Open Head) Made in Canada Crevice Free (Seamless) Laser welded Sizes from 20 to 210 US gallons (75 to 800 liters) ISO 9001:2008 (In the process for ISO 9001:2015) Accreditations : UN & IP-2
Services	Manufacturer of stainless steel drums



Vendor Profiles 2018

	ThyssenKrupp Industrial Solutions AG Business Unit Fertilizer and Syngas Technologies Friedrich-Uhde-Strasse 15 44141 Dortmund Germany
Company website	www.thyssenkrupp-industrial-solutions.com
Market coverage	worldwide
Contact person	Susanne Rieck
Office phone	+49 231 547 3421
Fax no.	+49 231 547 3843
Mobile phone no.	+40 173 7230502
E-Mail address	susanne.rieck@thyssenkrupp.com
Products	Worldwide acting technology provider and EPC contractor with more than 90 years experience and references in the field of: <ul style="list-style-type: none"> - ammonia - urea - nitric acid - ammonium nitrate (fertilizer and technical grade) - UAN - CAN - OSBL and infrastructure
Services	Full range of services related to projects in the fertilizer industry incl. market studies, project development, financing, project management, engineering, international procurement, civil & erection works, start-up & commissioning and technical services. Execution of E, EP and EPC projects. Main office in Germany, major local offices in USA, Mexico, India, Russia, Thailand, Egypt, Australia and South Africa.



Vendor Profiles 2018

	TITAN Metal Fabricators, Inc. 352 Balboa Circle Camarillo, CA 93012
Company website	www.titanmf.com
Market coverage	World Wide Coverage - Chemical, Fertilizer, Oil & Gas, Petrochemical, Pharmaceutical, Mining, Steel
Contact person	Larry Haubner
Office phone	1-513-443-2735
Fax no.	
Mobile phone no.	1-805-910-9602
E-Mail address	lhaubner@titanmf.com
Products	<p>TITAN Metal Fabricators, Inc. specializes in the design and fabrication of heat exchangers, pressure vessels, columns, and piping systems in zirconium, titanium, Sandvik 2RE10, stainless steel, high-strength carbon steel for high pressure applications that are typical in the manufacture of nitric acid and ammonium nitrate.</p> <p>TITAN Metal Fabricators, Inc. certified in ASME, Pressure Equipment Directive</p>
Services	Titan offers a full range of cleaning & repair of equipment that it manufactures.

	Tricor Metals (Headquarters, Manufacturing & Distribution) 3225 West Old Lincoln Way Wooster, Ohio 44691 Tricor Metals (Regional Facility, Manufacturing & Distribution) 3517 North Loop 336 West Conroe, TX 77304
Company website	www.tricormetals.com
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	sales@tricormetals.com
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 for</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>



Vendor Profiles 2018

	TNO P.O. Box 45 2280 AA Rijswijk (ZH) the Netherlands
Company website	www.tno.nl
Market coverage	Process safety Solutions, Chemical and Explosives Industry Worldwide
Contact person	Ed de Jong
Office phone	+31 88 86 61229
Fax no.	
Mobile phone no.	+31 6 22669114'
E-Mail address	ed.dejong@tno.nl
Products	Process safety Product safety Risk analysis, management and prevention Building and equipment safety and integrity Classification of dangerous goods
Services	<p>TNO is unique in that we offer a fully integrated view on safety. We help our clients with research based consultancy and use this to further develop and focus our research.</p> <p>TNO uses a "state of the art" set of tools that is a mix of readily available tools (such as QRA or CFD analysis for a technical safety assessment of a company, or HAZOP studies to improve an installation together with self develop tools.</p> <p>Furthermore, we have the facilities to perform explosion research to determine properties of materials and to validate our simulation tools.</p> <p>TNO firmly believes in the concept of co-creation. In many projects we work closely with our client to create a win-win situation. TNO aims for building durable relationships rather than managing individual projects.</p> <p>TNO has leading specialists in many fields that are related to safety like process safety, explosion safety, classification, toxicology, external safety, risk assessment, risk prevention, safety management systems, accident analysis, ergonomics and more, as well as supporting fields like ICT. The combined strength of our integrated expertise with the client's ambitions and know-how creates a winning combination that will sustainably advance your companies safety performance.</p>



Vendor Profiles 2018

	Umicore AG & Co.KG Platinum Engineered Solutions BU Jewellery & Industrial Metals Rodenbacher Chaussee 4 63457 Hanau-Wolfgang (Germany)
Company website	http://pem.umicore.com/
Market coverage	Worldwide
Contact person	Christian Goerens
Office phone	+49.6181.59.2647
Fax no.	+49.6181.597.2647
Mobile phone no.	
E-Mail address	christian.goerens@eu.umicore.com
Products	<p>Umicore's division PEM is the specialist for designing, manufacturing and marketing of Platinum based catalyst and catchment gauze systems with outstanding functionality. We manage the complexity related to gauze configuration and behaviour in our customers' ammonia oxidation processes. Our smart combination of advanced technologies related to material, engineering, and manufacturing provides Process Excellence: savings = total cost efficiency; solutions = increased competitiveness and security = reduced risk.</p>

	USP Technologies 900 Circle 75 Parkway, Suite 1330 Atlanta, GA 30339
Company website	www.h2o2.com
Market coverage	North America
Contact person	Mark Jacobson
Office phone	(404) 352-6070
Office fax	(404) 352-6077
Mobile phone no.	(847) 309-3313
E-Mail address	mjacobson@usptechnologies.com
Products	<p>NOx Emissions Control Programs for startups, shutdowns and trip outs; programs for acid tank storage NOx control and for acid bleaching.</p> <p>USP Technologies offers proprietary technology in NOx emissions control, utilizing hydrogen peroxide based programs to design the most effective systems to control NOx emissions during those operational times such as startups, shutdowns, or trip outs when normal abatement is non- operational.</p>
Services	<p>We offer a total program which includes all application and engineering technology as well as supply of chemical, equipment and services required.</p> <p>Our technical team will evaluate your plant's operation and develop a program to control emissions and engineer equipment systems which will supply the proper dosing of chemical to meet your emissions requirements outside of the normal abatement systems. For certain plant operations, these systems can sometimes be utilized for total abatement.</p>



Vendor Profiles 2018

	<p>United Recovery Services Group Joplin, Missouri USA; Baton Rouge, Louisiana USA and Wombwell, Barnsley United Kingdom</p>
Company website	<p>www.unitedrecovery.com / usassetsrecovery.com / powercleaningspecialists.com / bdb-dismantling.co.uk</p>
Market coverage	Global
Contact person	Michael Schriner
Mobile phone no.	1 417 499 9328
Contact person	Bob Staargaard
Mobile phone no.	1 417 437 6670
Contact person	David Horbury
Mobile phone no.	+44 (0)7860 305288
Contact person	Steve Burtner
Mobile phone no.	1 225 964 9105
E-Mail address	<p>mschriner@usassetsrecovery.com bobs@usassetsrecovery.com</p>
Products - Services	<p>United Recovery Services Group is a global precious metals recovery, refining, fabrication and process efficiency contractor with facilities in Joplin, Missouri - US Assets Recovery, Baton Rouge, Louisiana- Power Cleaning Specialists and BDB Dismantling, Barnsley, United Kingdom and our partner affiliate K.A. Rasmussen, Hamar, Norway.</p> <p>Precious Metal Services including:</p> <ul style="list-style-type: none"> - Catalyst Gauze design, fabrication and refining - Catalyst Gauze training for Operators, Production and Maintenance - Hydro, Pyro and Electrorefining of Precious Metals - Laboratory analysis and assay of low and high grade PGM materials - On & Off-Site Non-Destructive and Destructive Services - Heat train, catalyst basket and vessel PGM recovery - Filter recovery, repacking and refining services - Spent catalyst recovery and refining - Tank cleaning - Dismantling, Demolition and Hydroblast services - Absorption Tower cleaning and servicing specialists - Lamont boiler service specialists for recovery and efficiency - RAVS - Vessel repair witness and recovery supervision - PGM Recovery Best Practices, site surveying and training - Intercooler cleaning



Vendor Profiles 2018

	Ventilatorenfabrik Oelde GmbH Robert-Schuman-Ring 21 59302 Oelde Germany
Company website	www.venti-oelde.com
Market coverage	worldwide
Contact person	Mr Christian Menke
Office phone	+49 2522 75-0
Fax no.	+49 2522 75-250
Mobile phone no.	+49 151 18139716
E-Mail address	info@venti-oelde.de
Products	Industrial fans - amongst others - for the following industries: Cement Steel Hydrogen Methanol Ammonia Urea granulation, CAN granulation Sulphur recovery
Services	Consulting service during period of planning Revamping and retrofitting Energy saving studies Noise reduction strategies

	Webco Industries 9101 West 21st Street Sand Springs Oklahoma 74063
Company website	www.webcotube.com
Market coverage	Chemical Plants and Refineries
Contact person	Mike Jamison or Bill Bieber
Office phone	9182452211
Fax no.	9182410806
Mobile phone no.	9186300982
E-Mail address	mjamison@webcotube.com
Products	Titanium, Nickel Alloys and Stainless Steel Tubing for Chemical, Petro Chemical and Power Generation.



Vendor Profiles 2018

	<p>Westech Industrial Ltd 5636 Burbank Crescent SE Calgary, AB T2H 1Z6</p>
Company website	https://westech-ind.com/
Market coverage	Canada Wide
Contact person	Sean Kozicki
Office phone	(403) 252-8803
Fax no.	403.253.6803
Mobile phone no.	780-686-4195
E-Mail address	sean.kozicki@westech-ind.com
Products	<p>Mettler Toledo - a leader in pure water treatment measurement & control in the chemical, pharmaceutical, semiconductor and power industries with measurement parameters that include: conductivity/resistivity, TOC, pH, DO, dissolved ozone and flow.</p> <p>Westech also supplies the following leading brands:</p> <ul style="list-style-type: none"> - Emerson Netsafety Rosemount Flame and Gas Detection - TECO Westinghouse - Variable Frequency Drives - Quality Guage - Direct-Reading Sight Level Gauges - Analytical Systems Keco - Liquid Analyzers - A+ Genie - Sample Extraction and Conditioning Systems - ABB - Continuous Gas Analyzers and CEMS - Schroedahl - pump protection and control valves
Services	<p>Westech Industrial Ltd. is a leading supplier of analytical instrumentation and process control equipment to a wide variety of industries. Our products include: flame and gas detection sensors, process analyzers, valves and measurement control solutions. Westech also manufacturers flame arresters and provides industrial valve servicing.</p> <p>In 2016 Westech recognized a remarkable occasion as we celebrated 50 years in business. In that time Westech has become recognized as a leading solutions provider in the Oil & Gas, Pipeline, Terminal, Municipal and Petrochemical industries. We have successfully grown leading market share positions in process control instrumentation product lines.</p> <p>Westech supplies complete turn-key packaged solutions for most applications including; water quality monitoring panels, gas and liquid analytical solutions including sample conditioning and recovery systems, and electrical and variable frequency drive build-ups and panels.</p> <p>Westech's has a dedicated technical service team located in Western and Eastern Canada for product support and commissioning assistance.</p>



Vendor Profiles 2018

	Yokogawa Bay 4, 11133 40th Street SE Calgary Alberta T2C2Z4, Canada
Company website	www.yokogawa.com
Market coverage	North America
Contact person	John Riggs
Office phone	206-715-4381
Fax no.	
Mobile phone no.	
E-Mail address	john.riggs@us.yokogawa.com
Products	Control System Data Acquisition Field Instruments Process Analyzers Industrial Networking Components Life Science
Services	Lifecycle performance care services sustainable plan Consulting Project execution services Upgrade & Migration services Training Secured remote services Asset performance monitoring Basic maintenance services Advanced decision support

