





Vendor Profiles A

	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, Burner Cones, Mixers, Pipe Spools.
Services	Design & Fabrication of process equipment, specializing in nickel base alloys and stainless steels

	ANIVI INGENIERIA,S.A. Avenida Chorierrri,8 48180 LOIU Spain
Company website	www.anivi.com
Market coverage	worldwide
Contact person	Luis Fernando Diego
Office phone	+34 94 4531900
Fax no.	+34 94 4532175
Mobile phone no.	+34 639 349965
E-Mail address	info@anivi.com; export@anivi.com
Products	Design and manufacturing of rotary equipment for the fertilizer industry including dryers, coolers, granulators and coating drums Design and manufacturing of fluid beds Manufacturing of bag filters and centrifugal fans Design and manufacturing of ball and pendular mills
Services	Assistance for revampings and modernizations

Vendor Profiles A

	apb Apparatebau Schweisstechnik GmbH Gustav-Kramer-Strasse 5b A-8605 KAPFENBERG AUSTRIA
Company website	www.christof-group.com
Market coverage	Ammonia-, Urea-, Melamine-Producer
Contact person	Eugen Volosciuc, Franz Koss
Office phone	+43 3862 25025 4433
Fax no.	+43 3862 25050
Mobile phone no.	+43 664 80800679
E-Mail address	e.volosciuc@christof-group.com
Products	All equipment exposed to Hoko Nitric Acid like storage tank, piping systems, heat exchanger High pressure vessels for ammonia and urea production Carbamate Condenser, HP Scrubber
Services	Installation of manufactured equipment on site Welding specialists for rebuilt and repair on site

	ARVOS Group SCHMIDTSCHESCHACK Parsevalstr. 9a 40468 Duesseldorf Germany
Company website	www.schmidtsche-schack.com
Market coverage	worldwide
Contact person	Michael Schoetz
Office phone	+49 211 4726-0 (ext. -118)
Fax no.	+49 211 4726-200
Mobile phone no.	
E-Mail address	michael.schoetz@arvos-group.com
Products	Key equipment for Nitric Acid Plants Waste Heat Boilers downstream Ammonia Combustion / Burner Hoods / Catalyst Baskets (also for N2O abatement) High Temperature Products: Air Preheaters / Fired Heaters / Conv. Banks / Comb. Systems / Gas-Gas Exchangers Syngas Coolers: Partial Oxidation / Coal Gasification / Biomass Gasification
Services	Our company is leading designer and fabricator of process heat transfer equipment for the chemical and petrochemical industries. We offer following services: Tailor-made Heat Exchanger Solutions Increasing of boiler performance Boiler Revamps Engineering studies Boiler Recalculations Water circulation analysis Detailed failure analysis



Vendor Profiles A

	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>ArrMaz is 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 in more than 70 countries across the globe.</p> <p>Our Galoryl® product line includes the following products developed specifically for the industrial ammonium nitrate and nitrogen fertilizer markets:</p> <ul style="list-style-type: none"> • Porosity Control Agents • Anti-Caking Coatings • Dust Control Coatings • Granulation Aids • Hydrophobic Coatings • Corrosion Inhibitors
Services	<p>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</p>

Vendor Profiles A

	A.R. Wilfley and Sons, Inc. 5870 East 56th Avenue Commerce City, CO 80022
Company website	www.wilfley.com
Market coverage	Worldwide
Contact person	Mark Gibbons / Douglas Segovia
Office phone / fax no.	+1 (303) 779-1777 / +1 (303) 779-1277
Mobile phone no.	+1 (303) 909-8366 / +1 (303) 653-2549
E-Mail address	mgibbons@wilfley.com / dsegovia@wilfley.com
Products	<p>Wilfley builds reliable and safe heavy duty pumps for ammonium nitrate and nitric acid producers worldwide. Pumps are dynamically sealed which eliminates the need for seal flush water that is both expensive and can dilute the product. Our technology is a reliable alternative to traditional sealing technology such as mechanical seals and gland packing. 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 orings, 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 steam jackets.</p>

	AWS Corporation srl Strada Provinciale Francesca SP 122, No. 19 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 PLANT VENTURI SCRUBBER TRAYS OR PACKING SCRUBBER WET ELECTROSTATIC PRECIPITATOR
Services	TURN-KEY PLANT SUPPLY SUPERVISION & PLANT START-UP EXISTING PLANTS RETROFIT



Vendor Profiles B

	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 Benvitec Environment BlueFil® Mesh Becoflex Rotary Brush Scrubber

	Bertrams Chemical Plants Ltd. Eptingerstrasse 41 4132 Muttenz 1 Switzerland
Company website	www.bertrams.ch
Market coverage	worldwide
Contact person	Mr. Ulrich Gehrke
Office phone	+41 61 4675 328
Fax no.	+41 61 4675 354
Mobile phone no.	+49 152 286 818 95
E-Mail address	ulrich.gehrke@bertrams.ch
Products	Acid recovery systems for nitric and sulphuric acid Nitric acid concentration Sulphuric acid concentration Denitration of mixed acid Stabilization and purification of waste acids NOx absorption and recovery as nitric acid (HNO ₃)
Services	Full plant engineering Equipment supply Process design Revamping Maintenance Spare parts

Vendor Profiles B

	BROYEURS POITTEMILL INGENIERIE Rue de l'Université, Technoparc Futura 62400 BETHUNE France	
Company website	www.poittemill.com	
Market coverage	France (~20%), Out of France (~80%) : Europa, Middle East, South East Asia, Eurasian Union, etc.	
Contact person	Mr. Michael LAUTE	
Office phone	+33 321 572 987	
Fax no.		
Mobile phone no.		
E-Mail address	mlaute@poittemill.com	
Products	Mills and Grinders: Pendulum Roller Mill, Roller Press, Universal Mill (commutable tools and grinding plates), Pin Mills, Knife Mills, Hammer Mills... Classifiers: High-Yield Classifier, Dynamic Classifier, Static Classifier, ... Engineering companies specializing in providing fine-grinding solutions, powder processing and preparation from laboratory to industrial scale.	

	Bruker Optik GmbH Rudolf-Plank-Strasse 27 76275 Ettlingen, Baden-Wuerttemberg Germany	
Company website	www.bruker.com	
Market coverage	Research & Industry (quality control, security surveillance), Security/Civil Protection	
Contact person	Peter Maas (M.Sc.)	Rene Braun (M.Sc.)
Office phone	+49 7243 504 2455	+49 7243 504 2457
Fax no.	+49 7243 504-2050	+49 7243 504 2050
Mobile phone no.	+49 173 7152397	+49 176 22748265
E-Mail address	Peter.Maas@bruker.com	Rene.Braun@bruker.com
Products	Measurement Systems: Bruker systems cover a broad spectrum of applications in all fields of research and development and are used in all industrial production processes for the purpose of ensuring quality and process reliability. Bruker remote sensing systems cover applications on remote sensing of gases, liquids and solids on surfaces and in the atmosphere. Bruker remote sensing systems cover security applications from industry and civil protection, 24/7 plant surveillance and leakage detection to environmental research and quality control.	
Services	Producer and supplier of measurement technology, application support and full service on chemical plant surveillance projects for 24/7 security surveillance and leakage detection	



Vendor Profiles C

	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	<ul style="list-style-type: none"> . Technical audits, advisory and 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 . Equipment inspection . Equipment maintenance . Process optimization

	CECA SA - ARKEMA GROUP 89 BOULEVARD NATIONAL 92257 LA GARENNE COLOMBES CEDEX France
Company website	www.cecachemicals.com
Market coverage	Fertilizer Coatings - Flotation Agents
Contact person	Dominique Imbert
Office phone	00 33 1 49 00 58 10
Fax no.	00 33 1 49 00 37 94
Mobile phone no.	00 33 6 16 57 85 14
E-Mail address	dominique.imbert@ceca.fr
Products	LILAMIN FLUIDIRAM



Vendor Profiles C

	CFI holding Pte. Ltd. 50 Raffles Place #32-01 Singapore Land Tower Singapore 048623
Company website	http://www.cfiholding.com
Market coverage	Worldwide
Contact person	Stéphanie LORITTE
Office phone	+(33) 299 540 773
Fax no.	+(33) 299 541 015
Mobile phone no.	
E-Mail address	sloritte@cfiholding.com
Products	<p>CFIh is an engineering company specializing in fertilizers, explosives, chemicals and crystallization/evaporation processes.</p> <ul style="list-style-type: none"> · Nitrates, nitric acid & nitrogenous compounds · Nitrophosphates · Straight and NP/NK/PK/NPK fertilizers · SSP, TSP · MAP/DAP, MCP/DCP · Liquid fertilisers · H₂SO₄ technologies · H₃PO₄ and derivatives
Services	Basic and detailed engineering, technical studies, plant design & revamping, procurement services, on-site activities.



Vendor Profiles C

Citadel Technologies	
United States Office: 6430 South 39th West Avenue, Tulsa, OK 74132 Europe: Industrieweg 21d, 4214 KV Vuren, The Netherlands	
Company website	http://cittech.com/
Market coverage	Global
Contact person	David Grible, Goos Helder
Office phone	USA: +1-918-584-2220, Europe: +31-6-2347-6562
Fax no.	+1-918-584-2221
Mobile phone no.	+1 903 27 9717
E-Mail address	dgibble@cittech.com, ghelder@cittech.com
Products	<p>DIAMONDWRAP® and DIAMAPRO™</p> <p>CITADEL TECHNOLOGIES is the developer and manufacturer of composite repair systems designed to restore integrity to corroded or otherwise compromised piping and pressure vessels in the ammonia industry. These repairs can be installed on-line with no shutdown, and no hot work. DiamondWrap® has an excellent track record in the ammonia industry. Repairs have been successfully installed on UAN tanks and lines, cooling water lines, Amine units, and more.</p> <p>Through our offices in The Netherlands, Colombia, Singapore, China, UAE, and the United States, we deliver products and technologies to help meet the needs of our customers.</p> <p>As a leading global company we are committed to being at the forefront of technology and innovation, delivering superior capability in tandem with maximized cost efficiencies. This includes our markets around the world where we continue to expand our international presence, strengthen our international partnerships and broaden our focus to one that is increasingly global.</p>
Services	<p>Citadel Technologies products are compliant with all major composite repair standards, including ASME PCC-2 and ISO-TS 24817. Our commitment to excellence assures that, all systems are continually tested and reviewed using both in-house research and independent labs to insure that we maintain our leadership in the industry.</p> <p>Citadel Technologies continually reviews and improves the effectiveness of its quality management system and its efforts to meet its quality objectives, for the purpose of maintaining customer satisfaction. Citadel Technologies is certified by British Standard Institute (BSI) to the ISO 9001:2008 and Lloyd's Register Type Approval Certificate.</p>



Vendor Profiles C

	CLARIANT Waldheimer Str. 15 83052 Heufeld, Germany
Company website	www.clariant.com
Market coverage	Oxidation and Reduction catalyst producer
Contact person	Ms. Kaichin Chang
Office phone	+49 8061 4903 518
Fax no.	+49 8061 4903 519
Mobile phone no.	+49 151 142 77092
E-Mail address	kaichin.chang@clariant.com
Products	N2O catalyst SCR catalyst CO/VOC catalyst Offgas treatment catalyst
Services	catalyst supplier

	ClimeCo Corporation 1 East Philadelphia Avenue Boyertown, Pennsylvania 19512 United States
Company website	climeco.com
Market coverage	Industrial, Manufacturing, Corporate Sustainability, Voluntary, Philanthropic, California Compliant
Contact person	William Flederbach
Office phone	484-415-0501
Fax no.	
Mobile phone no.	
E-Mail address	wflederbach@climeco.com
Products	Environmental assets, carbon credits and tradeable commodities, consulting and compliance, project development
Services	Emissions abatement project development; cap-and-trade consulting; air quality compliance and permits; environmental asset portfolio management; carbon credit trade and brokerage; mitigation and risk management



Vendor Profiles C

	Compressor Controls Corporation BV Weerenweg 10 1161 AH Zwanenburg The Netherlands
Company website	www.cccglobal.com
Market coverage	Rotating equipment control and Vibration protection and monitoring world wide
Contact person	Ludy Groenewoud
Office phone	+31 20 407 0056
Fax no.	+31 20 407 0099
Mobile phone no.	+31 651 811 273
E-Mail address	lgroenewoud@cccglobal.com
Products	Dedicated Control systems for rotating equipment: like the 'S3++, S5 Reliant, S5 Vanguard, Prodigy Overspeed systems for Turbine and Expander Vibration protection system: Setpoint
Services	Process Improvement, Energy savings, commissioning and tuning

	CRI Catalyst One Shell Plaza 910 Louisiana St 29th floor Houston, TX 77002 USA
Company website	www.cricatalyst.com
Market coverage	Worldwide
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	Unique catalysts and systems for NOx and N2O abatement. The system features low pressure drop and high conversion rate. Catalyst analysis and data evaluation
Services	Engineering Services: n SCR Catalyst Design n Reactor House/Pressure Vessel Design n CFD Modeling n SCR System Design (Process Flow Diagram, P&ID, Control Logic) n Detail Engineering, including fabrication drawings and strength calculations n Site Services (Installation and Start-up Assistance) Hardware: n Modules filled with catalyst n Ammonia Injection Grid and Static Mixers n Reactor House/Pressure Vessel n Ammonia Flow Control Unit



Vendor Profiles E

	ECS Catalyst 6740 Crosswinds Dr. N St. Petersburg, FL 33710
Company website	www.ecscatalyst.com
Market coverage	Global
Contact person	Richard Smojver
Office phone	+1 551-265-2505
Fax no.	+1 727-342-6841
Mobile phone no.	
E-Mail address	Richard@ecscatalyst.com
Products	SCR Catalyst NSCR Catalyst N2O Catalyst CO Catalyst
Services	DeNOx/DeN2O System Engineering Project management Vessel Fabrication

	Ecosystems Europe BV Jan Ligthartstraat 1 1817 MR Alkmaar The Netherlands P.O.Box 9094 1800 GB ALKMAAR
Company website	www.ecosystemseurope.com
Market coverage	
Contact person	Wytse de Jong
Office phone	+31728200270
Fax no.	
Mobile phone no.	+31653259888
E-Mail address	w.dejong@ecosystemseurope.com
Products	Mist Eliminators, Scrubbers, Meshpads, Active Carbon
Services	Measurements, Plant Audits



Vendor Profiles E

	ENTA TREATMENT SYSTEMS ENGINEERING LTD. HUZUR MAH. FAZIL KAFTANOGLU CAD. SEBA IS MERKEZI NO.7 KAT 3 SARIYER / ISTANBUL
Company website	www.enta.com.tr
Market coverage	Wastewater Treatment Systems Engineering and Contracting
Contact person	BULENT GULES - Business Development Manager
Office phone	+90 212 266 9 400
Fax no.	+90 212 267 4 996
Mobile phone no.	+90 533 374 6 898
E-Mail address	bulent@enta.com.tr
Products	Fertarex Wastewater Treatment and Ammonium Nitrate Recovery Plant Industrial Wastewater Treatment Plants Domestic Wastewater Treatment Plants Water Treatment / Water Recycling Units
Services	Project Design, Engineering, Contracting, Manufacturing and Equipment Supply, Operation and Maintenance, Consulting, Consultancy

	ESPAÑOLA DE INVESTIGACION Y DESARROLLO, S.A. (ESPINDESA) Arapiles, 13 28015-MADRID (SPAIN)
Company website	www.espindesa.es
Market coverage	worldwide
Contact person	E.Madrigal, Commercial Director
Office phone / fax no.	34-91-5924884/34-91-4480456
Mobile phone no.	34-690615578
E-Mail address	jrferrer@trsa.es, madrigal@trsa.es
Products	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)
Services	DAP or NPK. 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. 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.



Vendor Profiles F

	FLEXIM GmbH Wolfener Str. 36 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, Anorganic and Organic Compunds
Contact person	Dr. Joerg Wylamrzy
Office phone	+49 2102 8989 104
Fax no.	
Mobile phone no.	+49 172 32 99 860
E-Mail address	jwylamrzy@flexim.com
Products	Flow Measurement Technology: - Ultrasonic clamp-on mass flow measurement of liquids and gases Process Analytical Technlogy: - 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 6915 Highway 225 Deer Park, Texas 77536
Company website	www.flexitallic.com
Market coverage	Global
Contact person	Bruce Hasha
Office phone	281-604-2400
Fax no.	425-877-1641
Mobile phone no.	206-459-8789
E-Mail address	bruceh@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 technogy 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.



Vendor Profiles G

	GEMACO SA Parc Industriel des Hauts-Sarts Rue de Hermée, 245 4040 Herstal - Belgium
Company website	www.gemac.com
Market coverage	Fertilizer and Nitric acid plants
Contact person	Muriel Merchiers
Office phone	00 32 4 370 99 70
Fax no.	00 32 4 370 99 71
Mobile phone no.	00 32 496 87 20 04
E-Mail address	mme@gemac.com
Products	Nitric and Urea Grade * 1.4361 (Uranus S1 - UNS S30600) * 1.4335 (Uranus 65 - UNS S31002 - 310L) * 316L Urea Grade * 1.4466 (25/22/2 - UNS S31050 - 310Mo LN) * Pipes & Tubes * Fittings * Flanges * Plates & Sheets * Forgings * Bars
Services	Stock/ Packages / Taylor made pieces / Project Management / Technical & Logistic Support

	Glynwed Benelux B.V. Steenpad 5 4797 SG Willemstad (NB) Netherlands
Company website	www.glynwed.nl
Market coverage	Chemical-, petrochemical-, environmental-, steel- and watertreatment industries
Contact person	Marc Sweere
Office phone	0031 (0)168-473651
Fax no.	0031 (0)168-473200
Mobile phone no.	
E-Mail address	marc.sweere@glynwed.nl
Products	Centrifugal and axial flow pumps for special services in ISO / API design. Horizontal and vertical type, line shaft and cantilever design. Special expertise in corrosion resistant materials (metallic and non metallic) and seal systems.
Services	Service and repair to centrifugal and axial flow pumps, on- site or in well-equipped work-shops.

Vendor Profiles H

	Haldor Topsoe A/S Haldor Topsøes Allé 1 2800 Kgs. Lyngby Denmark
Company website	www.topsoe.com
Market coverage	Global
Contact person	Janus Münster-Swendsen
Office phone	+45 61926614
Fax no.	
Mobile phone no.	+45 61926614
E-Mail address	jems@topsoe.dk
Products	Nitric Acid catalysts - NitriNOx: Low pressuredrop monolith DeNOx with no N2O formation - LG-HT: Secondary N2O catalyst - LG-LT: Tertiary N2O monolith catalyst with very low pressure drop and a simple reactor design
Services	- Worldwide Ammonia licensor - Low pressure drop deNOx and deN2O solutions specifically for Nitric acid processes - TertiNOx process: N2O and NOx removal made simple



Vendor Profiles H

	<p>Heraeus Chemicals Heraeus Deutschland GmbH & Co. KG (EMEA) Heraeusstraße 12-14, 63450 Hanau, Germany</p> <p>Heraeus Precious Metals North America LLC (Americas) 15524 Carmenita Road, 90670 Santa Fe Springs, CA, United States</p> <p>Heraeus Materials Technology Taiwan Ltd. (APAC) 4F-5, No. 408, Rui-Guang Rd, Nei-Hu, 11492 Taipei, Taiwan</p> <p>Heraeus Materials Technology Shanghai Ltd. (China) No. 1 Guangzhong Road, Minhang District, 201108 Shanghai, China</p>
Company website	
Market coverage	Worldwide
Contact person	Elena Weiland (EMEA) / Charles Melges (Americas) / Raymond Su (APAC) / Patrick Cui (China)
Office phone	+ 49 6181 35 4463 (EMEA) / +1 727 447 2084 (Americas) / +886 (2) 26271111 (APAC) / +86 (21) 3357 5512 (China)
Fax no.	-
Mobile phone no.	+49 171 5512909 (EMEA) / + 1 727 480 1437 (Americas)
E-Mail address	elena.weiland@heraeus.com / chuck.melges@heraeus.com / raymond.su@heraeus.com / patrick.cui@heraeus.com
Products	<p>Heraeus, the technology group headquartered in Hanau, Germany, is a leading international family-owned company formed in 1851. We create high-quality solutions for our clients and strengthen their competitiveness in the long term by combining material expertise with technological know-how. Our ideas are focused on themes such as the environment, energy, health, mobility and industrial applications.</p> <p>The Global Business Unit Heraeus Chemicals is one of the world's leading suppliers in the chemical and pharmaceutical industries. We offer our customers precious metal catalysts for process chemistry and emission treatment, active pharmaceutical ingredients, and precious metal coating materials. 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>
Services	<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>

Vendor Profiles H

	HINDUSTAN PLATINUM PRIVATE LIMITED C-122 TTC INDUSTRIAL AREA PAWANE NAVI MUMBAI 400703 INDIA
Company website	www.hp.co.in
Market coverage	North America, Europe, Asia, Africa, Australia and Middle East.
Contact person	Arun Kumar, General Manager - Nitro Technologies.
Office phone	+912261904316
Fax no.	+912261904300
Mobile phone no.	+919833951300
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 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>Catalyst gauzes and Getter systems for Ammonia Oxidation.</p> <p>Precious metal catalysts, compounds, salts and solutions for Pharmaceuticals and Chemical industries.</p> <p>Thermocouple wires for steel and glass industries.</p> <p>Laboratory Apparatus for Research and Analytical laboratories.</p> <p>Electrical Contacts and profiles for Switchgear, Control gear, Automobile, Spacecraft,</p> <p>Elevators and Home Appliances.</p> <p>Precious metal and Stainless steel Spinnerettes and Tantalum filter for Man-made fibre industries.</p> <p>Bushings and Spinner baskets for Glassfibre and Glasswool industries.</p> <p>Stirrers, Thimbles, Orifice Liners, Liners, etc. for Glass and Optical glass manufacture.</p>
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>We specialize in refining and fabrication of used Platinum alloy catalyst and getter systems from Ammonia oxidation plants. We also provide destructive and non-destructive plant cleaning services for recovery of pgms from downstream equipment of nitric acid plants.</p>



Vendor Profiles I/J

INSTYTUT NOWYCH SYNTEZ CHEMICZNYCH (INS) AL. TYSIACLECIA PANSTWA POLSKIEGO 13A 24-110 PUŁAWY, POLAND	
Company website	www.ins.pulawy.pl
Market coverage	Global
Contact person	Mr Dariusz Bielak
Office phone	+48 81 473 14 83
Fax no.	+48 81 473 14 10
Mobile phone no.	
E-Mail address	sales@ins.pulawy.pl
Products	secondary catalyst for N2O abatement catalysts for syn-gas, hydrogen, ammonia units catalysts for other hydrogenation processes catalysts, sorbents for feedstock purification Technologies for new nitric acid plants and revamped ones (EP)
Services	Revamping of ammonia burners in nitric acid plants -CFD simulation (EPC) Design and delivery of secondary catalyst's support systems (EPC) Nitric acid pilot scale unit: ammonia oxidation and N2O decomposition tests Technologies and assistance for ammonia, syn-gas, hydrogen, fertilizer units

Intertek Polychemlab BV PO Box 606 6160 AP Geleen	
Company website	www.intertek.com
Market coverage	Global
Contact person	Manuel Quintas
Office phone	Tel +31 (0)881268888
Fax no.	Fax +31 (0)881268884
Mobile phone no.	
E-Mail address	manuel.quintas@intertek.com
Services	Intertek is an industry leader with more than 40,000 employees in 1,000 locations in over 100 countries. We deliver Quality Assurance solutions 24 hours a day, 7 days a week with our industry-winning processes and customer-centric culture. Whether your business is local or global, we can ensure your products meet quality, health, environmental, safety, and social accountability standards for virtually any market around the world. We hold extensive global accreditations, recognitions, and agreements, and our knowledge of and expertise in overcoming regulatory, market, add supply chain hurdles is unrivaled. Auditing / Certification/ Consulting / Inspection Sourcing / Testing & Analysis



Vendor Profiles I/J

Johnson Matthey Noble Metals	
Gate 11, Orchard Road Royston SG8 5HE United Kingdom	
Company website	www.noble.matthey.com
Market coverage	Nitrogen Chemicals
Contact person	Chris Brown
Office phone	+44 (0) 1763 253593
Fax no.	+44 (0) 1763 253313
Mobile phone no.	+44 (0) 7968 568587
E-Mail address	BrownCC@matthey.com
Products	Gauze catalysts (Eco-Cat™ technology, binary knitted structures, woven, corrugated, ACT™ coated) Catchment gauzes N ₂ O abatement catalysts
Services	Analysis of catalysts Abatement basket engineering Plant cleaning (in partnership with RS Bruce) Process modelling (in partnership with ProSim) Water treatment (through MIOX) Precious metal management Secure transportation Precious metal refining



Vendor Profiles K

	K.A. Rasmussen a.s Birkebeinervegen 24 2316 Hamar, Norway
Company website	www.karasmussen.com
Market coverage	Worldwide
Contact person	Terje Pedersen, Production Manager
Office phone	(+47) 625 12710
Fax no.	(+47) 625 32644
Mobile phone no.	(+47) 48018112
E-Mail address	tp@karasmussen.com
Products/Services	<p>K.A.Rasmussen a.s is an international company with head office in Hamar, Norway.</p> <p>The K.A. Rasmussen group produces various types of precious metal related products. The Group has two divisions:</p> <p>The industry division produces semi-manufactured products for industry and goldsmiths, industrial catalysts, dental products and precious metal based dental alloys.</p> <p>This is the core business in Hamar.</p> <p>The consumer goods division produces steel and silver cutlery along with related gift items. The group has sales offices in Norway, Sweden, Finland, Denmark, Estonia, Latvia and Belgium.</p>

	KBR-Weatherly Inc. 1100 Spring Street N.W., Suite 308 Atlanta, GA 30309 USA
Company website	http://www.weatherlyinc.com
Market coverage	World Wide
Contact person	Magnus Danielsson
Office phone	+1-404-873-5030
Fax no.	+1-404-873-1303
Mobile phone no.	+1-404-312-3068
E-Mail address	magnus.danielsson@kbr.com
Products	Nitric Acid Plants Ammonium Nitrate Plants UAN Plants Revamps and Studies
Services	Nitric Acid Plants Ammonium Nitrate Plants UAN Plants Revamps and Studies

Vendor Profiles K

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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Engineering & Technical consulting for Nitric acid plants • R&D • Modeling & Simulation • Refining all materials containing PGM • PGM recovery services



Vendor Profiles K /L

	Kimre, Inc. 744 SW 1st Street Homestead, FL. 33030
Company website	www.Kimre.com
Market coverage	Air Pollution Control Equipment
Contact person	Edward Fowler
Office phone	(305) 233-4249 xt. 11
Fax no.	(305) 233-8687
Mobile phone no.	
E-Mail address	efowler@kimre.com
Products	B-GON® Mist Eliminators & KON-TANE® Scrubber & Tower Packing Fiber Bed Coalescing Filters & Re-Packs DRIFTOR® Drift Eliminators LIQUI-NOMIX® Liquid/Liquid Coalescer Pads AEROSEP® Multi-Stage Aerosol Separation System SXF™ Semi-Cross Flow Scrubbers PANTS HANGER™ Media Holding System BATTEN BAR™ Media Holding System
Services	Research & Development Pilot Testing Consulting Services

	Louisiana Chemical Equipment Co., L.L.C. 7911 Wrenwood Blvd., Suite A Baton Rouge, LA 70809
Company website	www.Lcec.com
Market coverage	Global
Contact person	Steve O'Brien
Office phone	225-923-3602
Fax no.	225-926-5237
Mobile phone no.	225-806-6982
E-Mail address	steveob@lcec.com
Products/ Services	For over 30 years, Louisiana Chemical Equipment Co., L.L.C has been buying and selling used and surplus process equipment and complete plants for re-location throughout the world. LCEC also offers investment recovery and appraisal services for your used or idle chemical, process equipment and complete plants.



Vendor Profiles M

	MECS – DuPont 14522 South Outer Forty Road; Suite 100 Chesterfield, MO 63017; USA
Company website	www.mecsglobal.com
Market coverage	Worldwide
Contact person	Steve 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	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 & NH ₃ 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 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 On Site Pegasus Catalyst Testing for Sulfuric Acid Plants.

	Metallix Refining Inc. 251 Industrial Blvd Greenville, NC 27834
Company website	www.metallix.com
Market coverage	
Contact person	Maria Piastre
Office phone	732-936-0050
Fax no.	
Mobile phone no.	
E-Mail address	sales@metallix.com
Services	Precious Metals Recovery



Vendor Profiles M

	MIOX 5601 Balloon Fiesta Pkwy 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	1-505-224-1161
Fax no.	
Mobile phone no.	1-505-977-3630
E-Mail address	steve.garcia@matthey.com
Products/Services	<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> <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.</p>

	Mitsubishi Heavy Industries Compressor Corporation MHIE 71 Kingsway London
Company website	http://www.mhicompressor.com/en/
Market coverage	Global
Contact person	Greg Littleton
Office phone	+44 07795 677 424
Fax no.	
Mobile phone no.	
E-Mail address	greg_littleton@mhie.com
Products	<p>API 617 Centrifugal Compressors</p> <ul style="list-style-type: none"> - Integerally Geared - Inline Centrifugal <p>API 612 Steam Turbines</p>

Vendor Profiles N

	NALCO Water, an ECOLAB Company Richtistr. 7 8304 Wallisellen Switzerland
Company website	http://nalco.ecolab.com/
Market coverage	Global
Contact person	Nathalie Roc
Office phone	+33149696615
Fax no.	
Mobile phone no.	+33624580169
E-Mail address	nathalie.roc@nalco.com
Products	<p>A trusted partner at more than one million customer locations, Ecolab (ECL) is the global leader in water, hygiene and energy technologies and services that protect people and vital resources. With 2015 sales of \$13.5 billion and 47,000 associates, Ecolab delivers comprehensive solutions and on-site service to promote safe food, maintain clean environments, optimize water and energy use and improve operational efficiencies for customers in the food, healthcare, energy, hospitality and industrial markets in more than 170 countries around the world. For more Ecolab news and information, visit www.ecolab.com. Follow us on Twitter @ecolab or Facebook at facebook.com/ecolab.</p>

	NIK (R&D Institute of Urea) RUSSIA, 606008, Nizhny Novgorod Region, Dzerzhinsk, Griboedov Street, 31
Company website	http://niik.ru
Contact person	Mrs. Natalia Kargaeva
Office phone	+78313267194
Fax no.	+78313255221
Mobile phone no.	+79103804454
E-Mail address	kargaeva@niik.ru
Services	<p>Feasibility study, basic and detailed engineering, packaged equipment delivery:</p> <p>development and implementation of complex solutions for emissions reduction, energy saving, improvement of final product quality of urea, ammonia and other fertilizer plants;</p> <p>proprietary technology for production of urea-based compound fertilizers in a high-speed drum granulator;</p> <p>Corrosion inspections, maintenance and repair.</p>



Vendor Profiles N

Novochem Group, Fertilizer Additives	
Papiermolen 5, NL -3994 DJ Houten, The Netherlands P.O.Box 565, NL- 3990 GJ Houten, The Netherlands	
Company website	www.novochemgroup.com
Market coverage	Worldwide, in more than 90 countries for more than 25 years
Contact person	Mr Ger Imming, Sales Manager
Office phone	+ 31 30 602 15 33
Fax no.	+ 31 30 605 33 76
Mobile phone no.	+ 31 651 37 40 24
E-Mail address	g.imming@novochemgroup.com
Products	<ol style="list-style-type: none"> 1. NovoFlow :anti-caking agents for solid fertilizers, like (C)AN,NPK, urea, AS, SSP 2. NovoFlake :concentrated anti-caking agents for solid fertilizers like (C)AN, NPK, urea 3. NovoFlow :moisture repellency coatings for solid fertilizers like (C)AN, NPK, urea, AS 4. NovoDust :anti-dust agents for solid fertilizers, like (C)AN, NPK, MAP, DAP, SSP 5. NovoCor :corrosion inhibitors for liquid fertilizers like UAN or AN 6. NovoTec :granulation additvies for solid fertilizers, like (C)AN, NPK or urea 7. NovoFoam :foam control for phosphoric acid production 8. NovoFloc :specific flocculants for phosphoric acid production
Services	<p>We provide cost efficient services to reduce caking, moisture uptake, dust formation or corrosion during storage, transport or handling of fertilizers for more than 25 years.</p> <p>We offer a custom made treatment, including the coating, dosing equipment and, if required, technical assistance. We have a modern lab for all necessary fertilizer tests.</p>

Vendor Profiles O/P

	Oschatz GmbH Westendhof 10-12 Essen, Germany
Company website	www.oschatz.com
Market coverage	Worldwide
Contact person	Mr. Heinz Wiene, Mr. Lynn Küppers
Office phone	+ 49 (0) 201 1802 0
Fax no.	+ 49 (0) 201 1802 165
E-Mail address	Wienen.H@oschatz.com / Kueppers.L@oschatz.com
Products	Turn-key residue combustion systems for the chemical industry
Core components for:	Nitric acid plants Caprolactam and hydroxylamine systems Sulphuric acid plants
Services	Particular expertise in: Residue combustion, heat transfer, water circulation, cleaning of heating surfaces, control of corrosion and erosion processes, damage point analyses, modern fabrication shops in Istanbul/Turkey, Nanjing/China and Prague/Czech Republic, international quality standards such as ISO9001, ASME approval and EU pressure vessel regulation.

	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 20
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 half flange difficult intake conditions explosives wear & tear applications All pumps have an exceptional high level of intrinsic safety and follow a unique sealing philosophy



Vendor Profiles P

Peddie Engineering Pty Ltd 1 Cleverton Close Warners Bay NSW Australia 2282	
Company website	
Market coverage	Technical and Safety Engineering consultancy
Contact person	Ron Peddie
Office phone	+ 61413481689
Fax no.	
Mobile phone no.	+61413481689
E-Mail address	peddieronald@gmail.com
Products	<p>Peddie Engineering is an Engineering consultancy with expertise in all areas of Nitric acid and ammonium nitrate manufacture process development, Engineering, research and technical safety.</p> <p>Peddie Engineering has a record of achievement in increasing plant output cost effectively and producing efficient designs and deploying novel technology.</p> <p>Peddie Engineering always works with a complete commitment to safety, the hazard study process, is able to organise and lead complex hazard or technical analysis. Highly effective, knowledgeable contributor in conceptual studies.</p> <p>As an expert panel member of SAFEX (International Organisation for explosives safety) Peddie Engineering is able to conduct very comprehensive independent technical incident reviews if required</p> <p>All clients will find their knowledge increased in a good-humoured and cooperative manner.</p>

PGM Technologies GmbH Oberhofstr. 40a 63073 Offenbach Germany	
Company website	www.pgmtinc.com
Market coverage	Worldwide
Contact person	Hanno Schneider, David Kelley (USA)
Office phone	+ 49 69 67779969
Mobile phone no.	+49 177 2723415, +18432001757
E-Mail address	hanno@pgmtinc.com david@pgmtinc.com
Products	<p>PGMT is an independent full service provider of cleaning operations.</p> <p>We look forward to be in touch with you for Technical Cleaning and PGM Recovery projects for your Nitric Acid equipment such as heat exchangers, reactors, piping, tanks, obsolete equipment of any kind.</p> <p>For each single cleaning operation PGM Technologies designs a customized cleaning strategy in close collaboration with the customer for:</p> <ul style="list-style-type: none"> • Non-destructive chemical cleaning • High-pressure hydro-blasting • Destructive cleaning on-site or off-site: <p>Leaching facilities on three continents</p> <ul style="list-style-type: none"> • Purchase of obsolete equipment <p>Our contract concepts</p> <ul style="list-style-type: none"> • Shared risk (% of PGMs recovered) • Flat fees ('lump sum') • Toll Agreements (per time and material) • All-inclusive proposals
Service	

Vendor Profiles P

	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. ProSim provides state of the art simulation and optimization software that allow process industries to increase their efficiency and their return on investment. 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. ProSim solutions are used to improve process design, increase plant efficiency and reduce their impact on environment.</p>
Services	Consulting services and training.

	PST Industries 5 Rue Jules Rein 78600 Mesnil Le Roi - France
Company website	
Market coverage	Worldwide
Contact person	Lionel Gattefossé
Office phone / fax	+ 33 1 4714 7502
Mobile phone no.	+ 33 6 2226 0326
E-Mail address	lgattefosse@freeflow.fr
Products	<p>For : Low Density Ammonium Nitrates :</p> <p> Porosing & Tropicalisation Agent Micro-Granulated form : Super Dry & Supra Prill</p> <p> Coating : Anti caking based on anionic or cationic technology : Freeflow</p> <p>For : AN Fertilizer grade / AN Soluble fertilizer grades :</p> <p> Coating : Anti caking / Hydrophobic protection / Coloring agent : Freeflow and Freecol</p> <p> Coating : Water soluble anti caking</p> <p> Granulation aids : FreeGran / Anti scaling agent : Freescale</p> <p>For NPK, PK, P fertilizer grade:</p> <p> Coating : Anti Caking / Anti dust Freeflow range of product</p> <p> Coating : Coloring Agent : FreeCol range of product</p> <p> Flotation aids : FreeFloat range of Product</p> <p>PST technology is based on both anionic and cationic technology. Our R&D and technician engineers can determine the optimum technology and dosage for each specialty and support. PST could also recommend up to our experience the best equipment for application.</p> <p>Be Safety : Be PST Industries</p>



Vendor Profiles R

	Rane Rao Reshamia Laboratories Pvt.Ltd. Plot 80, RRR House, Sector 23, CIDCO Industrial Area, Turbhe, Near Bank of India, Navi Mumbai Pin: 400 705, Maharashtra, India
Company website	www.rrrlabs.com
Market coverage	India, South Asia, South East Asia, Taiwan & Far East Countries
Contact person	Dr. rer.nat. Nagaraj Rao - Director
Office phone	+91- 22-27833655/27831348
Fax no.	+91-22-27834814
Mobile phone no.	+91-9820326983
E-Mail address	n.rao@rrrlabs.com/rrrlabs@rrrlabs.com
Products	Anti-Caking Agents, Pororising Agents & Colouring Agents for Low Density Ammonium Nitrate (LDAN). Anti-Caking Agents and Colouring Agents for Fertilizers Brand Names: FreeFlow, Super Dry PR 21 G, FreeCol, Superblast, SuperPrill - All Products of PST Industries, France
Services	1. Non-Destructive Cleaning of all Types of Nitric Acid Plants for Recovery of Platinum Group Metals 2. Destructive Cleaning of Scrapped Equipments of Nitric Acid Plants for Recovery of Platinum Group Metals In Cooperation with PGM Technologies Inc. USA/Europe

	RHEINHÜTTE Pumpen GmbH Rheingaustraße 96-98 65203 Wiesbaden Germany
Company website	www.rheinhuetten.de
Market coverage	Chemical-, petrochemical-, environmental-, steel- and watertreatment industries
Contact person	Roland Hoepfener
Office phone	+49 (0) 2554 919 9140
Fax no.	+49 (0) 2554 919 9139
Mobile phone no.	+49 (0) 176 1048 0072
E-Mail address	roland.hoepfener@wi.friatec.de
Products	Centrifugal and axial flow pumps for special services in ISO / API design. Horizontal and vertical type, line shaft and cantilever design. Special expertise in corrosion resistant materials (metallic and non metallic) and seal systems.
Services	Service and repair to centrifugal and axial flow pumps, on- site or in well-equipped work-shops.

Vendor Profiles R

RHEWUM GmbH Rosentalstrasse 24, 42899 Remscheid (DE)	
Company website	www.rhewum.com
Market coverage	
Contact person	Valentina Blank (Marketing)
Office phone	+49 2191 5767 0
Fax no.	+49 2191 5767 111
Mobile phone no.	/
E-Mail address	info@rhewum.de
Products	Screening Machines Separating Systems Vibrating Conveyors Feeders Air Classifiers Optical Sorters
Services	Planning, designing and engineering machines to customers' specifications

R. S. Bruce Ltd (Bruce Group) March Street Sheffield S9 5DQ UK	
Company website	www.brucegroup.com
Market coverage	Global - Recovery of Platinum Group Metals
Contact person	Marketing: Alan Frail - 07920 258 709
Contact person	Commercial Sales: David Fox - 07876 658 540
Office phone	Tel: +44(0)114 244 8050
Fax no.	Fax: +44(0)114 242 6582
Mobile phone no.	Alan Frail - Marketing: 07920 258 709
Mobile phone no.	David Fox - Commercial Sales: 07876 658 540
E-Mail address	alan.frail@rsbruce.com
E-Mail address	david.fox@rsbruce.com
Products	Recovery of Platinum Group Metals from Industry
Services	<p>R. S. Bruce Ltd part of the Bruce Group of companies provide the nitric acid industry worldwide with innovative solutions that deliver high PGM recovery and improved thermal efficiency.</p> <p>The Bruce Group offer an extensive range of onsite and offsite services, our skilled team work collaboratively with the customer and their appointed refiner to provide a smooth, transparent and efficient PGM recovery service.</p> <p>Plant Survey and PGM recovery programme. Non-aggressive chemical treatments. 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 Bruce Group.</p> <p>The Bruce Group endeavour to provide continuous improvement in environmental, health and safety (EHS) performance worldwide.</p> <p>The Bruce Group Delivering excellence</p>



Vendor Profiles S

	Sabin Metal Corporation P.O. Box 905 1647 Wheatland Center Road Scottsville, NY 14546
Company website	
Market coverage	Worldwide
Contact person	Betsy Gremer/Alan Heywood
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)
E-Mail address	betsyg@sabinmetal.com; aeheywood@aol.com
Additional contact	For Latin America/Caribbean please contact Miguel Luna Ph +52 1 55 2495 6340 sabinlat@prodigy.net.mx
Products Services	Supply and refining of Palladium recovery (getter) gauzes. Platinum Group Metals (pgm) recovery services, refining of process gas filters, In situ Pgm recovery from heat exchangers, process and refining of redundant heat exchangers, refining of dusts, tank sludges, etc. Pgm metal sales and Pgm trading. Sabin International Logistics Corporation (SILC) Full transportation and logistics services. Sabin Metal Corporation featuring "One Stop Shop," let us quote your transportation, processing and refining all under one PO. ~Celebrating over 70 years of Precious Metal Refining Excellence~

	SAFINA Materials, Inc. 100 Hilbig, Suite B Conroe, Texas 77301 United States
Company website	http://www.safinamaterials.com
Market coverage	Europe, Americas, Southeast Asia, Middle East, Africa
Contact person	Stuart Bestrom, Director of Business Development
Office phone	1 936-828-3471
Fax no.	1 936-828-2944
Mobile phone no.	
E-Mail address	Stuart.Bestrom@safinamaterials.com
Products Services	Catalytic systems for ammonia oxidation, hydrocyanic acid production, hydroxylamine sulfate production Design guidance for catalytic systems Analysis of spent gauzes Processing reclaimed gauzes

Vendor Profiles S

	Sandvik Materials technology Storgatan 2 81181 Sandviken SWEDEN
Company website	www.smt.sandvik.com
Market coverage	Global
Contact person	Johan Wallin
Office phone	+4626260000
Fax no.	NA
Mobile phone no.	+46706163027
E-Mail address	tubespecial.smt@sandvik.com
Products	<p>Sandvik Materials Technology is a world leading producer and supplier of corrosion resistant materials to the chemical industry, with more than 40 years experience delivering high quality products and developing grades for various fertilizer applications. For high pressure urea service most of the plants in the world use our products and the longest service record has been set with Sandvik grades. For nitric acid service, Sandvik has an extensive portfolio of material knowledge as well as suitable products.</p>

	Senscient Ltd F1-2 Arena Business Centre Holyrood Close Poole, Dorset, BH17 7FP United Kingdom
Company website	www.senscient.com
Market coverage	Laser based, open path, toxic & flammable gas detection
Contact person	Kevin Dean
Office phone	+44 (0)1202 606460
Fax no.	+44 (0)1202 606467
Mobile phone no.	+44 (0)788 1345 118
E-Mail address	kdean@senscient.com
Products	<p>Manufacturer of laser based, open path, toxic & flammable gas detection. Benefits include: Target gas specific detection. Less than 3 second T90 response time. Daily automatic end to end performance verification. Requiring, No routine calibration, No routine manual testing, No consumable sensing elements.</p> <p>Detectable gases: Ammonia, Carbon Dioxide, Hydrogen Chloride, Hydrogen Fluoride, Hydrogen Sulphide, Ethylene, Methane</p>
Services	Sales, installation, commissioning and service support via a global network of nominated and factory trained business partners



Vendor Profiles S

	Solenis LLC 3 Beaver Valley Road, Suite 500 Wilmington, Delaware 19803 United States
Company website	www.solenis.com
Market coverage	Industrial water and Paper
Contact person	John Swart
Office phone	+612 9726 6446
Fax no.	
Mobile phone no.	+61488461760
E-Mail address	jswart@solenis.com
Products	Industrial Water Chemicals, Biocides, Inhibitors, Polymers, coagualnts, viscosity modifiers, Dosing equipment, monitoring equipment
Services	Cooling Water, Boiler Water, Waste Water Pulp and Paper, equipment

	Solex Thermal Science #250, 4720 - 106 Ave SE Calgary, AB, Canada T2C 3G5
Company website	www.solexthermal.com
Market coverage	
Contact person	Amanda Parkman
Office phone	14032547388
Fax no.	4032547301
Mobile phone no.	
E-Mail address	amanda.parkman@solexthermal.com
Products	Heaters Coolers Dryers Conditioners
Services	Solex Thermal Science specializes in the science of heating, cooling, and drying bulk solids. Founded under the name Bulkflow Technologies in 1999, Solex Thermal Science holds the patents to its ultra-efficient heat exchanger technology designed specifically for use with bulk solids such as sugar, fertilizer, chemicals, plastics, biosolids, minerals, and many other types of granular, crystals, and powers. The company has installed more than 500 heat exchangers in more than 50 countries worldwide.

Vendor Profiles S

	SPX Flow Technology IDA Business & Technology Park Tiernaboul Killarney Ireland
Company website	www.spxflow.com
Market coverage	World Wide
Contact person	Jason Huntley
Office phone	00353 64 66 33322 (ext.233)
Fax no.	00353 64 66 33371
Mobile phone no.	
E-Mail address	jason.huntley@spx.com
Products	Air Intake Filters (Static & Self Cleaning) Gas and Liquid Process Filters Coalescing Filters Activated Carbon Filters Precious Metal Recovery Filters

	Stamicarbon B.V. Mercator 3, 6135 KW Sittard P.O. Box 53, 6160 AB Geleen The Netherlands
Company website	https://www.stamicarbon.com/
Market coverage	Worldwide
Contact person	Mr. Mark van Denderen
Office phone	+31 46 423 6014
Fax no.	+31 46 423 7001
Mobile phone no.	+31 6 2385 5758
E-Mail address	mark.denderen-van@stamicarbon.com
Products	Nitric Acid Technology and process design Urea Technology and process design Project development
Services	Equipment supply and replacement Inspection services Plant assessments Feasibility Studies Troubleshooting Emission reductions Training services



Vendor Profiles T

	thyssenkrupp Industrial Solutions AG Business Unit Fertilizer 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 80 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 T

	thyssenkrupp Industrial Solutions (USA), Inc. 6400 S. Fiddlers Green Circle, Suite 700 Greenwood Village, CO 80111 USA
Company website	http://www.thyssenkrupp-industrial-solutions.com/
Market coverage	Global
Contact person	Adam Paschal
Office phone	1 (303) 793-2607
Fax no.	1 (303) 770-8233
Mobile phone no.	1 (303) 434-0583
E-Mail address	adam.paschal@thyssenkrupp.com
Products/Services	<p>thyssenkrupp Industrial Solutions (USA), Inc. (tkIS) is responsible for building chemical plants, from engineering, procurement and construction through to technical and operating services. Our solutions for fertilizers, base chemicals, electrolysis, polymers, gas technologies, oil & gas, as well as biotechnology and high-pressure applications are reliable, efficient and sustainable.</p> <p>tkIS has been planning and building fertilizer plants for more than 90 years and is one of the world's leading suppliers in this sector. We offer top-quality, constantly improving technologies, outstanding management expertise for major projects, modern global purchasing strategies and decades of experience in all regions of the world. This enables us to supply you with optimum solutions offering maximum cost efficiency around the globe – reliable, sustainable and eco-friendly.</p>

	TELUS APPLICATIONS for INDUSTRY ZA Salzbaach L - 9559 WILTZ (Luxembourg)
Company website	www.telus-applications.com
Market coverage	chemical, petrochemical, fertilizers, nitrates
Contact person	Maxime Andrienne
Office phone	00352 20301343
Fax no.	00352 20301344
Mobile phone no.	0032 474304114
E-Mail address	m.andrienne@telus-applications.com
Products	<p>Stockholder of plates, bars, tubes, fittings, pre-material in :</p> <ul style="list-style-type: none"> * Urea Grades : 25.22.2 / 1.4466 / 310MoLN & 316LUG(Mod) / 1.4435 * Nitric Grades : U65 / 1.4335 / 310LNAG / S31002 & US1 / 1.4361 / S30600 * Special Alloys : SANICRO28 / 904L / SUPERDUPLEX * Nickel Alloys :200 / 400 / 600 / 625 / 800 / 825
Services	Engineering for corrosion problems



Vendor Profiles T

	TNO P.O. Box 45 2280 AA Rijswijk (ZH) the Netherlands
Company website	www.tno.nl
Market coverage	Process, Pharmaceutical, (Petro-)Chemical and Explosives Industry Worldwide
Contact person	Ed de Jong
Office phone	+31 88 86 61229'
Office fax	
Mobile phone no.	+31 6 22669114'
E-Mail address	ed.dejong@tno.nl
Products	Process safety Product safety Human factor analysis and improvement Risk analysis, management and prevention Building and equipment safety and integrity Safety culture assessment and improvement 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 (like the hearts & minds method to improve the safety culture in a company, or a 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, human behaviour, 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 T / U

	<p>Tricor Metals Tricor Metals (Headquarters, manufacturing & distribution) 3225 W. Old Lincoln Way Wooster, OH 44691 Tricor Metals (Regional facility, manufacturing & distribution) 3517 North Loop 336 West Conroe, Texas 77304</p>
Company website	www.tricormetals.com
Market coverage	World-wide from headquarters in Wooster, OHIO or from regional facility in Conroe, TX (greater Houston). Reactive metal and high-alloy weld repair teams are mobilized globally.
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	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. Largest titanium service center with all mill products available for corrosion applications. Also stocking zirconium and tantalum mill products. 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
Services	Reactive metal and high-alloy weld repair teams are mobilized globally.

	<p>Umicore AG & Co.KG Platinum Engineered Solutions Rodenbacher Chaussee 4 63457 Hanau-Wolfgang (Germany)</p>
Company website	www.platinum-engineered-materials.com
Market coverage	worldwide
Contact person	Matthias Schmidt
Office phone	+49.6181.59.6158
Fax no.	+49.6181.59.76158
Mobile phone no.	
E-Mail address	Matthias.Schmidt@eu.umicore.com
Products	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 behavior 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.



Vendor Profiles U / W

	United Recovery Services Group Joplin, Missouri USA, Baton Rouge, Louisiana USA and Wombwell, Barnsley United Kingdom
Company website	www.unitedrecovery.com
Market coverage	Global
Contact person	Michael Schriener
Mobile phone no.	1 417 499 9328
Contact person	Bob Staargaard
Mobile phone no.	1 417 437 6670
E-Mail address	mschriener@usassetsrecovery.com bobs@usassetsrecovery.com
Products - Services	<p>United Recovery Services Group is a global precious metals recovery and refining contractor with offices in Joplin, Missouri - US Assets Recovery, Baton Rouge, Louisiana- Power Cleaning Specialists and BDB Dismantling, Barnsley, United Kingdom.</p> <p>Precious Metal Recovery Specialists</p> <ul style="list-style-type: none"> - On & Off-Site Non-Destructive and Destructive Services - Filter recovery, repacking and refining services - Spent catalyst recovery and refining - Tank cleaning - Dismantling and Demolition 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

	WATERLEAU France 21 Avenue des Gros Chevaux ZI du Vert Galant BP 77008 SAINT OUEN L'AUMONE F - 95050 CERGY-PONTOISE CEDEX
Company website	www.waterleau.com
Market coverage	Air Treatment - Antipollution Systems
Contact person	Mr Philippe GOOSSENS
Office phone	+ 33 1 34 35 11 62
Fax no.	+ 33 1 34 35 11 51
Mobile phone no.	+ 33 6 26 74 28 11
E-Mail address	philippe.goossens@waterleau.com
Products	<p>Turbulaire Scrubber DynaWave Scrubber WATTRAY and WATMONIA Scrubbers "Reither Scrubber BIOTON and BELAIR Biofilters" KIMRE SXF Scrubbers and KIMRE products : European Distributor CAN/AN Exhaust scrubbers After-Sales Service Maintenance</p>



Vendor Profiles T / U