TIMET and Boeing Enter Into New Long-Term Supply Agreement

DALLAS, PRNewswire-FirstCall/ -- Titanium Metals Corporation ("TIMET") (NYSE: TIE) announced today that it has entered into a new, long-term titanium supply agreement with The Boeing Company ("Boeing"). The new supply agreement will be effective on January 1, 2011 and will expire on December 31, 2015. As part of entering into the new supply agreement, TIMET and Boeing amended the terms of their existing supply agreement which expires December 31, 2010. The new supply agreement provides for, among other things, mutual annual purchase and supply commitments, The new supply agreement provides for, among other things, mutual annual purchase and supply commitments, the new supply agreement provides for, among other things, mutual annual purchase and supply commitments,

Titanium Industries Poised to Support Oil & Gas Recovery

The oil and gas industry continues to require stronger and more corrosive resistant alloys as exploration, drilling, and production occur in more demanding environments. Oil exploration and production companies are drilling further out into the sea, deeper under the ocean floor, and in much harsher environments to tap into oil and natural gas reserves. Deepwater was prohibitively expensive, but high oil prices during the past few years made the economics of deepwater drilling possible. Even with volatile oil prices resulting in lower profits, long term prospects remain strong and sound for many years to come as

Alcoa Howmet’s Morristown, Tennessee Facility Expands Capacity

CLEVELAND--(BUSINESS WIRE)--Alcoa (NYSE:AA) announced that it will invest more than $6 million to expand core manufacturing capabilities at its Howmet Product and Services’ Morristown, Tennessee operation. Construction for the 16,000 square-foot addition to the plant began this month.

According to Matt Kilgore, manufacturing manager at the Alcoa Howmet facility, the addition will be completed mid-2007 and become fully operational by the end of the year. “We are installing a high-temperature tunnel kiln that will exceed the
What's New in Titanium?

Titanium Industries Support Oil & Gas Recovery
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global demand for energy rises. With an estimated 30-40 billion barrels of oil and gas reserves, the Gulf of Mexico is the greatest opportunity for deepwater projects in the United States and Mexico. Brazil and Africa both have estimated reserves of more than 30 billion barrels of oil. Since, it takes about ten years from making a discovery to starting production, companies will continue to develop deepwater fields betting on an economic recovery and corresponding increase in oil prices. Canada has become an energy presence with the developed reserves in western Canada, but the Arctic, offshore, and Athabasca oil sands are still very much in the development stages.

The continued technological advancements have allowed us to locate, produce, refine, and distribute the millions of barrels required on a daily basis. The Ormen Lange field, Norway’s largest gas field is comprised of 24 sub-sea wells that pump the gas to a processing facility in Norway, then to the east coast of England through a sub-sea export pipeline. Horizontal drilling has also reduced the visible footprint for land based as well as offshore drilling rigs. An area over 75 square miles below the surface can be covered with one rig taking up less than a couple of acres. Drills and logging equipment are equipped with sensors and measurement devices that will maximize the extraction of oil and gas in each reserve.

Advanced materials which can withstand the high temperature, high pressure, and corrosive environments must be used in this “new” oil and gas industry. Nickel based alloys provide excellent strength over a wide range of temperatures and corrosion properties. The Nickel alloys are heavily used in the oil and gas industry for logging equipment, heat exchangers, chemical processing and vessels, pump shafts, high temperature fasteners, seals, and other high strength, high temperature, highly corrosive applications. Titanium, which was once considered an exotic metal, has an excellent strength-to-weight ratio, low density, excellent natural corrosion resistance, superior erosion resistance, and is non-magnetic. The heat transfer efficiency, higher strength, and corrosion properties of titanium are well suited for heat exchanger applications. Processing plants, which deal in highly corrosive environments, commonly use titanium for vessels, agitators, piping systems, and holding tanks. Offshore oil and gas exploration and production require titanium due to high strength-to-weight ratio, corrosion resistance, and low modulus. Piping systems, drill risers, stress joints, logging equipment, seismic connectors, safety valves, springs, and many more must be constructed from titanium.

Titanium Industries is a global manufacturing distributor of titanium, nickel based alloys and a variety of other metals with value-added services in saw, laser and water-jet cutting, shearing, boring, trepanning, welding instruction and vendor managed inventory. GMT Titanium in Europe is a fully owned subsidiary and non-titanium products are marketed through High Performance Metal. With five distribution facilities and two sales offices in the USA along with six international locations, Titanium Industries is capable of providing the global reach many oil & gas companies require. For additional information contact: JWise@titanium.com or call 303-220-5434

Solar Manufacturing Commissions 24 Foot Vacuum Car Bottom Furnace in Russia

SOUDERTON, PA--Solar Manufacturing recently completed the shipment and commissioning of a model HCB-84288-2EQ vacuum car bottom furnace to VSMPO-AVISMA Company in Verkhnaya Salda, Russia. This furnace is capable of processing 50,000 pound loads of titanium forgings and plate for aerospace and medical products.

“What makes this furnace different than all the other heavy duty vacuum car bottom furnaces we have built is the X-Y axis loading system,” said Peter Reh, vice president of sales. “Two independent transfer cars travel on a common railguided carriage. The carriage positions one or the other transfer car in the front of the furnace to load or unload charges into the workzone. Each transfer car is capable of handling 50,000 pounds each. Moving and positioning the carriage and both transfer cars is accomplished using a small handheld wireless transmitter,” added Reh.

The Model HCB-84288-2EQ is a horizontal, car bottom vacuum heat treating furnace specifically

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**What’s New in Titanium?**

Alcoa Howmet’s Morristown Facility Expands
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capacity of our existing kiln by approximately 10 percent. The expansion will also include a full complement of new prebake ovens, computerized numerical control (CNC) machines and Tempcraft presses.

“Aerospace customers are placing unprecedented demands on our capacity; relieving that constraint on our current kiln is the most effective way to support customers’ growth opportunities,” said Kilgore. Expanding the facility’s capability to produce alumina core bodies will enable the organization to respond in a timely manner to current and estimated future demand.

“This multi-million dollar investment demonstrates to customers that we are committed to supporting their growth during this dynamic cycle of aerospace activity,” said Kilgore.

Alcoa is the world’s leading producer and manager of primary aluminum, fabricated aluminum and alumina facilities, and is active in all major aspects of the industry. Alcoa serves the aerospace, automotive, packaging, building and construction, commercial transportation and industrial markets, bringing design, engineering, production and other capabilities of Alcoa’s businesses to customers. In addition to aluminum products and components, Alcoa also markets consumer brands including Reynolds Wraps® foils and plastic wraps, Alcoa® wheels, and Baco® household wraps. Among its other businesses are closures, fastening systems, precision castings, and electrical distribution systems for cars and trucks. The company has 129,000 employees in 43 countries and has been named one of the top most sustainable corporations in the world at the World Economic Forum in Davos, Switzerland. More information can be found at www.alcoa.com.

G & S Titanium, Inc. Celebrates 30 Years

G & S Titanium, located in Wooster, Ohio, was founded in December of 1979. The company started out in a rented 5,000 square foot building and CP Titanium Grade 2 melt shop welding wire was the main product that G&S produced during its first year.

Thirty years later and after two moves, the first in 1986 and the second in 2007, G&S Titanium now occupies a 142,000 square foot manufacturing facility and has worked with over 275 different alloys. With the current facility, G&S has been able to expand its manufacturing processes and capabilities. They have added production process equipment that include a vacuum anneal furnace, coil bar and grit blasters, bar stress relieve oven, and an expanded pickle house. Quality inspection equipment has also been installed that include real time x-ray and ultrasonic testing.

G&S Titanium manufactures most grades of titanium in spring wire, fastener wire, weld wire, medical bar, precision ground and mill finish bars, and strain hardened round and hex bars. They specialize in meeting the demands of their customer’s unique requirements and their philosophy is “No job is too small or impossible”.

**Solar Manufacturing Commissions 24 Ft Vacuum**
Continued From Page 2

designed for large, heavy loads. Its graphite insulated hot zone is rated for a maximum temperature of 2250°F. The work zone measures 54” H X 54” W X 288” Long. It also features dual vacuum pumping systems consisting of two 35” diffusion pumps, dual high velocity gas quenching systems with variable speed drives, and the SolarVac 3000 control system.

Whether you need a vacuum furnace for heat treating, brazing, stress relieving, normalizing, annealing, tempering or sintering, Solar delivers a solution. To learn more about Solar’s diverse product line, contact Peter Reh, vice president of sales, at 267-384-5040 x509 or pkr@solarmfg.com. More information can also be found on www.solarmfg.com
What's New in Titanium?

ITP Prepares for Titanium Production in Illinois

International Titanium Powder Revolutionizes the Use of Titanium

(Chicago, Illinois) International Titanium Powder (ITP) announced today the final phase of construction for its titanium powder production facility in Ottawa, IL. The site is scheduled to begin production in 2010 and ramp up production throughout the year.

This is a significant milestone for ITP, which was formed in 1997 to develop and commercialize Armstrong Process® patented and proprietary technology to produce high purity metal and alloy powders with specific emphasis on titanium.

The Armstrong Process® technology is intended to lower the production cost of powders suitable for non-melt direct consolidation of titanium to enable low-cost manufacturing of titanium products, and to reduce the environmental impact of titanium production.

Titanium metals and alloys are sought after for their high strength and low weight characteristics and are used in a variety of applications including aerospace, defense, automotive, electronics, marine hardware, power generation, medical, consumer and sports equipment.

In 2008, ITP was acquired by Cristal US, Inc. (a wholly owned subsidiary of Cristal Global). Cristal Global has extensive experience in the titanium dioxide market. At eight plants around the world, Cristal Global takes titanium ore through either the sulfate or chloride process and extracts the titanium for the production of titanium intermediates, pigments and catalyst products. Cristal Global has over 20 years experience in the supply of titanium tetrachloride (TiCl4) to titanium sponge producers.

ITP entered into a partnership with the Defense Production Act Title III Program in 2009 for the building of the Ottawa plant. The DPA Title III mission is to create assured, affordable, and commercially viable production capabilities and capacities for items essential for national defense.

Construction of the Ottawa facility is expected to continue through the end of the year with commissioning expected in 2010. The new facility is expected to bring more than 50 jobs to the Ottawa community.

“The construction of the Ottawa titanium powder facility is the realization of a dream for the Armstrong Process® inventors and for ITP. It marks the advent of a significant change in the way titanium metal and alloys can be produced. The Armstrong Process® technology enables a stronger, quicker and greener process, and we’re thrilled to be at the forefront of this technology. The Ottawa plant is the first commercial scale titanium powder production facility in the world, and we thank all of those who have supported us, and who will continue to support us in this journey,” said Robert J. Daniels, Vice President - Titanium Metals, ITP.

ITP is a Cristal Global company. Cristal Global is the world’s second largest producer of titanium dioxide and a leading producer of titanium chemicals.

* Cristal US, Inc, a USA division of Cristal Global, is doing business as ITP

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the extension of the global titanium scrap recycling program and the utilization of the TIMET Global Service Center Network.

Bobby D. O’Brien, President, noted, “TIMET and Boeing have a solid relationship that has developed and expanded over the past 40 years. This new agreement extends that relationship and allows us the opportunity to build upon the long standing strategic partnership between our companies.”

Steven L. Watson, CEO and Vice Chairman of the Board of Directors of TIMET, noted, “Through our focused efforts over the past few years, we have added significant capacity and flexibility to our operations, increasing our ability to respond to future industry growth and demand. Through these efforts and this new agreement, we are pleased to continue to be a key supplier and strategic partner in Boeing’s current and future programs.”

The statements in this release relating to matters that are not historical facts are forward-looking statements that represent management’s beliefs and assumptions based on currently available information. Forward-looking statements can be identified by the use of words such as “believes,” “intends,” “may,” “will,” “should,” “could,” “anticipates,” “expects,” “estimates” or comparable terminology or by discussions of strategy or trends. Although TIMET believes that the expectations reflected in such forward-looking statements are reasonable, it cannot give any assurances that these expectations will prove to be correct. Such statements by their nature involve risks and uncertainties, including, but not limited to, the cyclical nature of the titanium metals and commercial aerospace industries, global economic and political conditions, changes in global productive capacity, the performance of TIMET, its customers and suppliers under long-term agreements, changes in customer inventory levels, changes in product pricing and costs, changes in foreign currency exchange rates, availability of raw materials, competitive products, strategies and technologies, operating interruptions (including, but not limited to, labor disputes, fires, explosions, unscheduled downtime, transportation interruptions, war and terrorist activities), the outcome of litigation and other risks and uncertainties detailed in the TIMET’s Securities and Exchange Commission filings. Should one or more of these risks materialize (or the consequences of such a development worsen), or should the underlying assumptions prove incorrect, actual results could differ materially from those forecasted or expected. TIMET disclaims any intention or obligation to update publicly or revise such statements, whether as a result of new information, future events or otherwise. For additional information, please refer to TIMET’s Current Report on Form 8-K filed with the Securities and Exchange Commission on November 16, 2009.

TIMET, headquartered in Dallas, Texas, is a leading worldwide producer of titanium metal products. Information concerning TIMET is available on its website at www.timet.com.

TITAL minimizes costs for Tetra Pak

By using the expensive titanium material the German investment casting specialist TITAL located in Bestwig, Germany, has significantly optimized the packing machines for the Swedish group Tetra Pak and considerably lowered the costs at Tetra Pak. The project involved the links of a chain conveyor with a weight of 5.5 lb (2.4 kg) each and dimensions of 13.7 x 4.7 x 1.9 inches.

On the packing machines from Tetra Pak a special, multilayered packaging material is processed at a high speed. First, pipes with a square cross section are formed from the flat strips which are then cut off seamed and glued on the Tetra Pak machines at a high frequency into easily stackable “packaging briquettes” for liquids. Later they are filled with milk, juice or other liquids. As the machines operate in the hygienically sensitive food industry they have to be cleaned at regular intervals. The cleaning products used damaged the sealed aluminum links which resulted in frequent idle periods of the machines as well as cost-intensive replacement investments.

Tetra Pak was looking for the possibility to optimize the packing machines at various points. The maintenance intervals could be extended significantly from 6000 hours to 20,000 hours. Also the rate of
production could be increased from 20,000 units to 30,000 units per hour. The maintenance and service costs could be reduced by approx. 50 percent.

The option which was initially considered was to replace the present aluminum links with steel links. This was not pursued do to physical reasons. Due to the lower corrosion susceptibility against the cleaning agents (super oxides) steel would have been a possible equivalent. But due to the high density of steel (0.283 lb/in³) (7.9 g/cm³) centrifugal forces would have occurred affecting the rate of production. This would have required new part dimensions and possibly even a fundamental new design of the machines.

Titanium has a density of only 0.160 lb/in³ (4.6 g/cm³) while at the same time being highly wear resistant and non-corrosive. Therefore from a quality point of view titanium was the better alternative compared to aluminum. However, the material did not seem to be a possibility due to financial reasons. But TITAL proved that the expensive titanium would be very cost effective even with small batch sizes.

For the rapid prototyping process silicone moulds were used. With each of the silicone moulds up to 20 wax patterns for investment castings can be produced. For the Tetra Pak pilot project this was sufficient because for each packing machine only 10 links are required. The overall cost for the first 10 parts were only $14,000. If those 10 parts had been produced using the lost wax technique the price would have been around $ 35,000.

Usually the lost wax technique is used for aluminum investment casting in order to produce the patterns for the castings. It turns out to be profitable for series starting from 20 to 50 castings. Philipp Schack, Managing Director of TITAL GmbH: “The case of Tetra Pak shows very clearly: it is possible to produce castings at an acceptable cost even for batch size of 1. We also know this from our customers in the Formula one motor sport industry. There we deliver small series, e.g. gearboxes as well as single pieces.” The Tetra Pak project turned out to be more successful than planned. The capacity output was raised to 32 000 packages per hour (the objective was 30 000); the durability of the links was supposed to be extended from 6000 to 20 000 hours. - Recently the 50 000 hours mark was exceeded. The maintenance and service costs could be reduced to a third due to the extended operating times as well as the corrosion resistance of the material. Philipp Jerusalem, Director Sales & Marketing at TITAL: “Of course titanium castings are labor intensive during the production. But a great number of factors as e.g. the lower density, an ideal density-weight-ratio and high resilience add up to the most cost efficient solution for the customer.” During this project TITAL was able to benefit from its years of experience as a highly specialized supplier for the international aerospace industry. “Furthermore it is important for us”, says Jerusalem, “to master the challenges in close co-operation with the customer. With Tetra Pak this went well in an exemplary manner.”

About Tetra Pak -- Since 1943 the Swedish company Tetra Pak is dealing with hygienic packaging for liquid food; especially for milk. With about 137 billion packages sold Tetra Pak realized internationally a turnover of about $ 12.3 bn in 2007. Worldwide Tetra Pak employs approx. 20.250 people in more than 150 countries. In 2007 Tetra Pak realized a turnover in Germany of $ 920 bn with 720 employees. Thus the company was able to assert its position as the leading system provider of cardboard packaging for milk, juice and still beverages. With a market share of approx. 83 percent the UHT-milk market is vitally important for Tetra Pak in Germany.
The International Titanium Association (ITA), Broomfield, CO, has acknowledged Robert Hill Jr., president, Solar Atmospheres of Western PA, and Gus Pietsch, the director of mechanical specialty design and part owner of Hydroscience Technologies, as the recipients of the organization’s two major annual awards. The two award winners received the awards at the TITANIUM 2009 Conference & Exhibition, which was held September 13-16 at the Hilton Waikoloa Village, Hawaii.

The ITA’s Achievement Award recognizes outstanding contributions to the advancement of technology and applications in the titanium industry. Twelve men have received the prestigious honor during the last nine years. Recipients must demonstrate a body of work that has helped to enhance the titanium sector.

Hill garnered the ITA’s Titanium Achievement Award, citing him as a leader and pioneer in developing vacuum-thermal processing solutions for the aerospace industry, while Pietsch (pronounced “peach”) is the winner of the Titanium Applications Development Award, in recognition of his achievements for designing and utilizing titanium in subsea components for the geophysical seismic industry.

Pietsch received a check for $20,000 at TITANIUM 2009. Brett Paddock, president and chief operating officer of Titanium Industries Inc., Rockaway, NJ—the chairman for the Applications Development selection committee—said the award recognizes individuals who create innovative devices and components using titanium. The award looks to inspire designers and manufacturers to specify the metal as a material of choice, which, in turn, boosts business for the titanium market.

Nominations are currently being accepted for the 2010 Nominations. Complete details as well as the nomination form can be downloaded directly from the ITA website at www.titanium.org.
For over ten years, the International Titanium Association (ITA) has presented the premier course on everything Titanium. This comprehensive workshop has been presented all over the world and in several languages. Now, for the first time, this course is available online.

This comprehensive workshop provides detailed information on the types, uses, and properties of common titanium alloys. You will gain an understanding of applied titanium metallurgy fundamentals.

Course Objectives & Content
Fundamentals of Titanium will prepare you to present and work effectively with job-related functions that involve titanium. You will receive a complete overview of titanium and a thorough grounding in its metallurgy, characteristics, properties and uses.

Benefits of this course include:
- Students receive a certificate of completion from the International Titanium Association. Students will have 16 weeks to complete the course at their own pace and leisure.
- This is the only course of its kind dedicated to titanium metal
- Learn from one of the founding fathers in the titanium industry — Stanley Seagle, Mr. Seagle has been involved for 40 years in all aspects of titanium technology.

Cost is only $249 for ITA Members
$325 for Non-Members

To learn more about this exciting new workshop visit: www.titanium.org

Contact the ITA at (303) 404-2221 for additional discounts - offer only valid in December!
announced that Michael C. Wellham has resigned his position as a director and as President and Chief Operating Officer to become CEO of a privately held company.

In his new role as Senior Vice President – Integrated Value Chain, Mr. Hall will focus on global program management for the value-added businesses and will continue with his current commercial responsibilities. He has been with RTI since 1993, primarily managing the Company’s European operations and most recently served as Group Vice President for the Distribution Group. Mr. Dean rejoined RTI in 2008 and in his new position will oversee operational management at several business units in the Company’s Fabrication Group. Lou Bartlo, who was Group Vice President for the Titanium Group, will now serve as Vice President – Titanium Production with operational responsibility for the titanium mill product production facilities, including RTI’s new forging and rolling facility under construction in Martinsville, Virginia.

In addition to these operational positions, Vice President William A. Pallante will be elevated to Senior Vice President – Commercial, with overall responsibility for commercial activities across all business units. The Company has also commenced a search for a global operations executive.

CEO Comment
“I’m very pleased to announce this realignment of our management team and these internal promotions. I believe this formation better aligns RTI’s reporting structure to our operating and commercial activities and will enhance manufacturing capability as well as our ability to continue to be a supplier of choice within our industry,” commented Dawne S. Hickton, Vice Chairman, President, and CEO.

Ms. Hickton continued, “I would also like to thank Mike for his leadership and dedication throughout his tenure at RTI. While he has decided to move in a new direction with his career, Mike has been a great supporter of our team and played a significant role in establishing the foundation for our growth initiatives.”

Forward Looking Statement
The statements in this release relating to matters that are not historical facts are forward-looking statements that may involve risks and uncertainties. These include, but are not limited to, the impact of global events on the commercial aerospace industry, global economic conditions, the competitive nature of the markets for specialty metals, the successful completion of our capital expansion projects and other risks and uncertainties included in the Company’s filings with the Securities and Exchange Commission. Actual results can differ materially from those forecasted or expected. The information contained in this release is qualified by and should be read in conjunction with the statements and notes filed with the Securities and Exchange Commission on Forms 10-K and 10-Q, as may be amended from time to time.

Company Description: RTI International Metals®, headquartered in Pittsburgh, Pennsylvania, is one of the world’s largest producers of titanium mill products and a global supplier of fabricated titanium and specialty metal components for the international market. Through its various subsidiaries, RTI manufactures and distributes titanium and specialty metal mill products, extruded shapes, formed parts and engineered systems for commercial aerospace, defense, energy, industrial, chemical, and consumer applications for customers around the world. To learn more about RTI International Metals, Inc., visit our website at www.rtiintl.com. For more information contact RTI International Metals, Inc., Richard E. Leone Director - Investor Relations, 330-544-7622 or email rleone@rtiintl.com.

TITANIUM UPDATE Newsletter Opportunities

The TITANIUM Update online newsletter is distributed to over 4,500 titanium related subscribers with one printed version which is distributed annually at the TITANIUM 2009 Conference. ITA Member companies are welcome to submit your press releases free of charge for this quarterly publication. Press releases may include information on new industrial products, services, as well as note-worthy industry news.

All articles and graphics should be sent electronically to sblicker@titanium.org.
Does Titanium need to be registered?

Titanium is considered a (phase-in) substance under REACH and requires registration if it is manufactured in or imported into the EU in quantities of more than 1 tonne per year in certain forms.

In sponge, powder or ingot form (also alloy ingots), it will need to be registered. Forgings, coils, pipes and tubes etc of titanium or titanium alloys are considered articles under REACH as their shape, surface or design determines their function to a greater degree than does their chemical composition. The fact that they only undergo light processing, such as coating, drilling, milling or welding, are further indications that such titanium products are articles. This is consistent with the guidance provided by ECHA for aluminium. As such, this titanium will only need to be registered if the 1 tonne threshold is reached and the titanium in the slab or coil etc., is intended to be released under normally or reasonably foreseeable conditions of use. Generally, this second requirement will not be fulfilled, so that titanium articles (forgings, coils, pipes) will not need registering.

Why is joining the Consortium a good option?

The demands of REACH are so complex that it is very difficult for registrants to manage them alone. Certain information must also be submitted jointly.

Membership also recognises the responsibility accepted by non-EU manufacturers to assist their importers with registration and in this way alleviate some of the imbalances in the supply chain caused by REACH, even though the manufacturers do not themselves have any registration obligations under REACH.

Membership facilitates the exchange of information and studies required for registration. It establishes rules for the assessment of any study and cost sharing mechanisms for their purchase or for usage rights, including for those studies provided by members. Costs will be proportioned in relation to tonnage and relevance to the registration requirements of the particular Member to ensure fairness. In this regard it should be noted that professionals are employed to ensure that all requirements have been fulfilled. Technical representatives control the dossiers and make sure that everything is correct. Also, a trustee is employed to make sure that the confidential information provided by Members remains confidential.

Another advantage is of course that it will ensure you get the 25% discount on registration fees for joint submission!

Membership in the Consortium is open to any natural or legal person that meets one of the following criteria:

(a) They are a Potential Registrant, whether a Manufacturer or Importer of the titanium, or
(b) They are a Potential Registrant of a titanium in a preparation or an article.

Contact details of the REACH Titanium Consortium Secretariat:

International Titanium Association
1-303-404-2221 ext 5 Telephone
1-303-404-9111 Facsimile
secretariat@reachtitaniumconsortium.org Email
www.reachtitaniumconsortium.org Web
Facility Expansion Allows For Superior Quality Service

For over 30 years TSI Titanium has provided the highest quality titanium mill products for aerospace, medical, chemical and other commercial users of titanium. TSI is firmly committed to being the industry leader in technological innovation, manufacturing excellence and customer service. Work has been completed on a $5 million expansion of the bar finishing capabilities that give TSI Titanium the most modern, state-of-the-art titanium bar finishing facility in the country.

The expansion includes:
- a 28,000 square foot finishing facility
- the design, construction and installation of a Medart No. 18 Bar Peeler and a Medart No. 18 Bar Polisher, the largest of their kind in the country
- two Kasto large-capacity, auto-indexing band saws

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Web site: TSITitanium.com

H.R. “Russ” Ogden Award

An award established in 1983 by Committee B10 in honor of its first chairman, this award is presented for outstanding accomplishments in the science and technology of reactive and refractory metals and alloys.

ASTM Committee B10, “Reactive and Refractory Metals and Alloys”, is accepting applications for the 2010 Russ Ogden Award. This award is presented annually at the November Committee Meeting to an individual or group for outstanding technical or industrial contributions to a reactive / refractory metals industry. Past recipients have authored books, started companies, and in general given the particular industry where they worked a substantial and lasting contribution.

Nomination forms may be obtained by contacting Jim McMaster – MC Consulting jimmcmaster@msn.com or call: (518)-499-0331.
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Job Postings:

Sales Representative
CALIFORNIA TITANIUM, LLC, of Redondo Beach, California, is a distributor of titanium sponge, ingot, and mill products for import and export. We are seeking Sales Representatives to work on a commission-only basis to help us build our North American and South American markets. Please send resume and statement of interest to Robert A. Maynez, President.
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Redondo Beach, CA 90277
Tel: (310) 683-8004
Facsimile: (310) 543-2138.
Email: rmaynez@caltitanium.com

Research Staff Member for Titanium and Titanium Alloys:
Oak Ridge National Laboratory in Oak Ridge, TN is seeking a Researcher for the Materials Science & Technology Division. The ideal candidate should have a Ph.D. degree in Materials Science or other related degree and at least one (1) year experience post Ph.D. Experience with powder metallurgy and/or titanium alloys is critically important. The position has the responsibility for the conception, project development, planning, execution and reporting of research programs in the area of titanium and titanium alloys. Research and development activities will include the solid state processing of titanium and titanium alloy materials and powders including technologies such as hot pressing, press and sinter, hot isostatic pressing, roll compaction, heat treatments, attrition, and other powder metallurgy processing practices. To apply, please go to http://jobs.ornl.gov/ERRecruiting.shtml select “View Open Positions” then, enter NC50135752 in the “Key Word Search”.

Material For Sale:
Hailong Industry manufactures Seamless Titanium and Titanium Alloy tube and pipe as per SB338 and SB861, with the material of Gr.1, Gr.2, Gr.7, Gr.9, Gr.12, Nickel and Nickel Alloy tube and Pipe, Ni201, Monel400, Incoloy 600, 625, Inconel 800, 825, Stainless steel tube and pipe, duplex tube etc.. The company was ISO and PED certified by TUV.
Contact Information: www.hailongtitan.com
Tel: 0086-512-58986900, Fax: 0086-512-58183187, Email Address: hailonggood@163.com

C.P.Ti rod/wire, gr. 2 and gr. 3 FOR SALE, fully certified, diam. 2 and 3 mm, rod of 1 m length and wire on spools.
T.M.P. Titanium Mill Products, Sheffield/UK
e: paul@timill.com www.timill.com

As ISO and PED Certified company, Jiangsu Hongbao Group Co., Ltd specializes in manufacturing titanium rod, tube, plate and wire. Our products are widely used in heat exchangers, petrol-chemical industry, aviation industry and sports appliances.
Our manufacturing capability as follows:
2. Titanium and its alloy rods ASTM B 348, F 67 Diameter: 10-150mm
3. Titanium and its alloy sheets & plates ASTM B 265, F 67 Thickness: 0.7-50mm Width: <2500mm Length: <6000mm.
4. Titanium and its alloy wire according to ASTM B 863 Diameter: 0.4mm-10mm
Contact: David Dai, Jiangsu Hongbao Group Co. Ltd.
Phone: 86-512-58715259 Fax: 86-512-58715267
Email: foreigntrade@hongbao.com

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Gr.5 1.8*1000*2000mm 2195kgs/137pcs ASNA 3200E
Gr.5 1.6*914.4*2438181kgs/11pcs MIL-T-9046J/AMS 4911H/DMS1592F/ASTM B265
Gr.5 1.8*914.4*2438 692kgs/38pcs MIL-T-9046J/AMS 4911H/DMS1592F/ASTM B265
Gr.5 1.8*914.4*3048 62kgs/38pcs MIL-T-9046J/AMS 4911H/DMS1592F/ASTM B265
Gr.5 2.03*914.4*2438992kgs/50pcs MIL-T-9046J/AMS 4911H/DMS1592F/ASTM B265
Gr.5 2.03*914.4*3048 537kgs/21pcs MIL-T-9046J/AMS 4911H/DMS1592F/ASTM B265
Gr.5 2.286*914.4*2438 639kgs MIL-T-9046J/AMS 4911H/DMS1592F/ASTM B265
Gr.5 2.286*914.4*3048 529kg/18pcs MIL-T-9046J/AMS 4911H/
**Classified Ads**

**DMS1592F/ASTM B265**

Gr.5 6.35*914.4*3048 241kgs/3pcs MIL-T-9046J/AMS 4911H/
DMS1592F/ASTM B265

Gr.5 0.813*914.4*2438 750kgs MIL-T-9046J/AMS 4911H/
DMS1592F/ASTM B265

Gr.5 0.813*914.4*3048 460kgs MIL-T-9046J/AMS 4911H/
DMS1592F/ASTM B265

Gr.5 1.27*914.4*2438.4 500kgs MIL-T-9046J/AMS 4911H/
DMS1592F/ASTM B265

Gr.5 1.27*914.4*3048 342kgs MIL-T-9046J/AMS 4911H/
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Mobile:0086-15900351445
Email: celia.qi777@gmail.com
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Material Wanted:

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Material must be DFARS.
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