

COLOURED TITANIUM INSERTS

A South African dental implant manufacturer and distributor is ahead of the field when it comes to anodising titanium. Since the Pretoria-based company was established in 1987, Southern Implants has been a pioneer in the field of dental implant science. The company is constantly expanding its product range to incorporate the newest technologies and trends, and the use of a programmable power supply to ensure consistent colour on its titanium components is just one of these innovations. The colour coded components are also used to produce heart valves, cochlear implants and spinal inserts [Details](#)



TESTS DEFINE BENEFITS OF TITANIUM WATER HEATING ELEMENTS

Independent testing undertaken by Titanium Products Ltd. confirms that energy cost savings of at least 6% can be added to the known lifetime benefits of titanium sheathed water heating elements and that the use of titanium represents a reliable and cost effective solution for hard and aggressive water applications.

Domestic hot water systems in hard and/or aggressive water areas have typically used nickel alloy sheathed heating elements, instead of copper, to combat the effects of lime scale build-up and corrosion. Titanium elements have been available as an alternative to nickel alloy for some time and their long lifetime benefits have been proven. Well-documented examination of both types of heater after many years' service in domestic installations has demonstrated minimal scale build-up on titanium elements compared with heavy encrustation on nickel alloy. [Details](#)

CARDERO ACQUIRES LONGNOSE TITANIUM DEPOSIT IN MINNESOTA

Cardero Resource Corporation has announced that it has entered into an option agreement to earn up to an 85% interest in the Longnose titanium and iron deposit located in northeast Minnesota, US. The deposit was previously acquired and evaluated by BHP Billiton which stated, in 1992, that the Longnose deposit is unique and the largest, highest grade resource of ilmenite in North America. The Longnose Deposit is an excellent fit for Cardero's expanding advanced project pipeline allowing it to leverage its considerable in house expertise toward maximizing shareholder value, as demonstrated by the recent agreement for the sale of the Pampa de Pongo Iron deposit in Peru for USD 200 million.

[Details](#)

THYSSENKRUPP TITANIUM BAGS ORDER FOR ST MARK'S CAMPANILE PROTECTION

It is reported that ThyssenKrupp Titanium in Terni has received a contract to supply 12 tonnes of titanium to provide long term protection for St Mark's Campanile.

Originally built in the 10th century, the Campanile collapsed in 1902 and was rebuilt. It stands on St Mark's Square and is the free standing bell tower of St Mark's Basilica. At almost 100 meters, the Campanile is the tallest building in the city. However, scientific studies have shown that the Venice landmark could suffer a similar fate to the Leaning Tower of Pisa. After intensive consultations with ThyssenKrupp Titanium and its partner Titalia, local engineers and experts came to the conclusion that titanium is the best solution to save the Campanile. [Details](#)



ANDRITZ WINS EUR 40 MILLION TITANIUM STRIP ORDER FROM BAOJI

International technology group Andritz announced that it received an order from Baoji Titanium Industry Co Limited for the supply of cold rolling and strip processing equipment, including automation. The order value is approximately EUR 40 million and the production is scheduled to start in late 2010.

[Details](#)

ATI ANTICIPATES DOUBLE-DIGIT FALL IN TITANIUM SHIPMENTS

Titanium shipments by Allegheny Technologies Inc. (ATI) are likely to suffer a “double-digit” decline this year after rising more than 14 percent in 2008.

The company sold a total of 47 million pounds of titanium last year, L. Patrick Hassey, chairman, president and chief executive officer of the Pittsburgh-based specialty metals producer, said during an investors’ conference call. The company shipped about 41.1 million pounds in 2007, buoyed by a nearly 25-percent boost in relatively newer flat-rolled and non-aerospace markets. [Details](#)

SCIENTISTS CREATE TITANIUM-BASED STRUCTURAL METALLIC-GLASS COMPOSITES

Scientists from the California Institute of Technology (Caltech) have created a range of structural metallic-glass composites, based in titanium, that are lighter and less expensive than any the group had previously created, while still maintaining their toughness and ductility—the ability to be deformed without breaking. A paper describing these breakthrough metallic-glass alloys is now online in the Proceedings of the National Academy of Sciences (PNAS) Early Edition in advance of an upcoming print publication. [Details](#)



DUCOMMUN INCORPORATED ANNOUNCES ACQUISITION OF DYNABIL INDUSTRIES INC

Ducommun Incorporated has announced that it has acquired DynaBil Industries, Inc a privately of the appeal. This despite seven letters and numerous telephone calls to the department, said Sarah Sephton of the Legal Resources Centre, which represents the ACC. [Details](#)

PANZHUIHUA STEEL PLANS TO BE LARGEST TI-BASE IN CHINA

It is reported that Panzhihua Steel Group is striving for its titanium concentrate capacity expansion project at present. As introduced, started construction in last September, the project is invested CNY 290 million and expects to be completed by this August end.

As per report, the total investment of this project is about CNY 290 million, aiming to enhance Pangang’s titanium ore output from 300,000 tonnes per year to 470,000 tonnes per year to become the domestic largest Titanium raw material base. [Details](#)

ATI PETROLEUM GRANTED TITANIUM MINING LICENSE BY PEOPLE’S COMMITTEE

American Technologies Incorporated Petroleum (ATIP) today announced that the People’s Committee of Vietnam has approved its license for mineral exploration and development of an ilmenite/titanium reserve in June of 2008. Production is currently underway with reserves estimated at over 5 million metric tons. ATIP is the process of negotiating contracts that will make this mining project increasingly profitable. [Details](#)

TITANIUM INDUSTRIES ANNOUNCES BOMBARDIER TITANIUM SUPPLY AGREEMENT

Titanium Industries, Inc. announced today that it has entered into a 5-year Agreement to coordinate the supply of titanium products for Bombardier* Aerospace and its fabricated metal parts suppliers. The Agreement brings together Titanium Industries’ service centers supporting Bombardier’s North American, European and Asian supply base. [Details](#)

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EUROPEAN TITANIUM CONFERENCE 2009

23rd-24th June

The Titanium Information Group, in association with the Special Metals Forum and NAMTEC, is hosting a European Titanium Conference to be held at the Belfry Golf Club and Conference Centre, in Birmingham. The conference will cover up to date technical developments, academic research and market reviews from various perspectives. We have confirmed speakers from world leading organisations and renowned academic institutions. [Details](#)

