

Tube Products

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The trade magazine for tube and pipe products

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60
YEARS

"Nothing great
in the world
has been accomplished
without passion"

Georg Hegel

1954-2014

60 YEARS OF MANUFACTURING
EXPERIENCE, FOCUSED
ON SPECIAL ALLOYS...

... EVERY DAY WITH **PASSION.**

to be continued...

STAINLESS STEELS - NICKEL ALLOYS - TITANIUM - ZIRCONIUM



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Pressurfect wins automotive engineering award

The new Pressurfect seamless stainless tube from Sandvik Materials Technology has won the prestigious Tech Award at the SAE 2014 World Congress and Exhibition in Detroit, Michigan, USA.

“The Tech Award is a fantastic honour for Sandvik,” said Jari Ponsiluoma, global product manager for Pressurfect. “We now join the ranks of a small number of innovative companies that have won this award, which is great news for us.”

The SAE World Congress and Exhibition gathered the best experts, management teams and engineers in the automotive industry in April. The editors of Automotive Engineering International Magazine chose technologies that met the criteria for their Tech Award from among the exhibitors. The selections were based on level of design and

engineering innovation; uniqueness; potential for ‘real world’ production application; and potential benefit for industry customers and end-users.

Pressurfect is designed to meet industry customers’ expressed needs for a stronger, safer and lighter material for future fuel systems. The seamless stainless tube reduces risks of corrosion pitting or cracking and helps to gain ‘clean power’ from smaller combustion engines, in order to achieve sustainable mobility in line with tougher emissions regulations.

Today’s fuel-efficient gasoline direct injection (GDI) engines require higher pressure for lower fuel consumption and lower CO₂ emissions. Pressurfect handles these demands with 40 per cent lower weight, and claimed superior corrosion resistance and greater



Sandvik Materials Technology's award-winning Pressurfect seamless stainless tube

mechanical strength than welded and lower grade tubes.

The material has a cleaner microstructure and lower carbon content for optimised strength and anti-corrosion with superior machinability for drilling, turning and other tasks.

It enables carmakers to produce more compact engines with lower emissions and sustained power, in an engine that is affordable for mass production.

Sandvik Materials Technology – Sweden
www.smt.sandvik.com

Fully automatic section rolling mill in India

Viraj Profiles, a major producer of stainless steel engineering products, has inaugurated its new section rolling mill (SRM) plant in Tarapur, Maharashtra, India. Neeraj Raja Kochhar, chairman and managing director of Viraj Profiles, inaugurated the plant in the presence of other senior management members.

Equipped with a completely automated process, the plant is described as unique in terms of online pickling facilities, automatic labelling and packaging line. The new facility will be able to manufacture more than 700 different shapes and designs of angles, flats and other profiles. With the new plant in place, the company hopes to deliver quality products with assured delivery times, and increase its efficiency in catering to global and local requirements.

Mr Kochhar commented, “We are very pleased commencing this long-planned project, and with this new plant Viraj is going to enter into a new dimension of its history.” Explaining the main reason for the new mill, Mr Kochhar added,

“We wanted to offer products to our customers faster and quicker without compromising on the quality, and that is how we conceptualised the need for a fully automatic section rolling mill. The annual capacity of this plant will be up to 180,000 tons.”

Renu Kochhar, the company’s managing director, who played an important role in

Renu Kochhar, Viraj Profiles managing director



the conceptualisation and execution of the whole project, commented, “This new facility has proven to be like a leap into the future for our customers as my personal endeavour is to serve the customers better and better. At Viraj we have always tried to focus on tomorrow and streamline our activities today to achieve that tomorrow. Consequently, commencing of this new mill aligns very well with our strategy. The new facility will allow us to strengthen our business locally as well as globally. The use of fully automated processes will not only help increase our production capacity but will also ensure the standardisation in the manufacturing process.”

This new facility has several locational advantages. The nearest railway track is only 8km from the production site, and the nearest port is around 170km. The Inland Container Depot (ICD) started by Viraj Profiles at Tarapur will ensure smooth logistical support to its clients.

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