

Applications



Constructed entirely of molybdenum-containing 2205 duplex stainless steel, a new pipeline in China promises to reduce gas leakage, preventing environmental disaster while conserving resources. At 4,500 tonnes, it is the largest single order of duplex stainless steel in China to date.

Read more on page 9

Special topic: Nickel



Our regular 'round-up' pages this month start with an article on how direct metal printing of nickel alloys could save the U.S. Navy maintenance dollars. That's followed by a review of an article on nickel alloys for piping and valves, INSG observations for 2019 and 2020, plus an update from the Radar Prospect.

Read more on pages 10 - 11



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Stainless Steel World News

The global newspaper with market, financial and trading news for the stainless steel and special metals community

In the Spotlight: SciAps

From recycling businesses to steel mills and from stockists to fabricators, it seems that all parties in the metals supply chain are increasingly looking to verify the composition and chemistry of the materials they receive and process. Once an onerous task, the analysis of sheets, pipes and tubes has been made so much easier thanks to the handheld devices developed by the innovators at SciAps. SSWN decided to ask SciAps' CEO and co-founder Don Sackett for some inside information.

Read more on pages 2-3

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Raccortubi Norsk appoints new Managing Director

Raccortubi Norsk, the UK branch of Raccortubi Group based in Aberdeen, is appointing Andy Troup (on right of photo) as Managing Director. The internal reorganization comes inevitably after a steady growth of the branch since its acquisition in 2015, and will promote a further successful step in the history of the Company.

Peter Ray will remain on the Board of Directors and will be actively focused, more than ever before, in the commercial relationship with key customers, frame agreements and complete projects handling.

For the past two years Andy Troup has been serving the company as Business Development Manager, building a good knowledge of the internal offering of Raccortubi Group and developing important relationships with current and new customers, and at the same time progressively dealing with more operational issues.

"We are always fine-tuning our internal resources to support our continuous growth, aiming at providing the best service to our clients by guaranteeing continuity



to Raccortubi Norsk's operations," says Mr. Luca Pentericci, President of Raccortubi Group. "We wish to thank both Peter and Andy for their commitment and for the new enthusiastic challenges

ahead. Please join us in congratulating Andy Troup as he takes on these new responsibilities."

The reorganization has already taken place and will be fully effective from 1st January 2020.

Sandvik inaugurates Ti powder plant



Sandvik recently inaugurated its highly automated titanium powder plant in Sandviken, Sweden. The investment is an important step in meeting the increasing market demands for titanium powder for additive manufacturing.

Sandvik offers a very wide alloy program. The launch of titanium powders supports a growing trend towards the 3D printing of titanium parts.

"The additive process results in far less material waste than traditional subtractive techniques, while also encouraging new levels of design freedom.

This is opening up the use of titanium in industries such as automotive and tooling," says Mikael Schuisky, Head of R&D and Operations at the Additive Manufacturing division in Sandvik.

Titanium is noted for having exceptional material properties, being strong yet light and offering high levels of corrosion resistance. At the same time, it is biocompatible. However, the cost and complexity of machining from titanium billet have historically restricted its use to high-value, low volume industries such as aerospace and medical.

Ultra-thin stainless from Baoxin



ABB has won an order to provide its state-of-the-art electrification and control systems for a production line project of Ningbo Baoxin Stainless Steel Co. Ltd. (Baoxin) in China, allowing the stainless-steel manufacturer to produce high-quality, ultra-thin precision stainless steel for the market.

Located in Ningbo, in east China's Zhejiang province, the new production line aims to produce 30,000 tons of automotive steel per year, which will be used to manufacture parts for construction, aviation, automobile and other

industries due to its excellent strength, precision, surface finish, and corrosion resistance.

Baoxin's stainless steel production line comprises a 20-high cold rolling mill, a bright annealing line, a degreasing line, a tension leveling line, and a slitting line. ABB will provide end-to-end electrification and control for the production line, including variable speed motors, ACS880 direct torque control drives, instrumentation, ABB AbilityTM Smart Sensors, and ABB AbilityTM System 800xA-based level 1 and level 2 control systems.

Jindal "books steady performance"

Jindal Stainless Limited (JSL) has reported its financial results for the second quarter of Financial Year period ended September 30, 2019. JSL registered standalone net revenue of Rs 3,170 crore during Q2FY20. Sales volume during the quarter stood at 233,328 tonnes, increasing by 13% over corresponding period last year (CPLY). EBITDA for Q2FY20 was recorded at Rs 317 crore. On a sequential quarter basis, EBITDA and revenue remained nearly flat, demonstrating the Company's constant efforts towards improving product mix and optimizing costs. Q2FY20 PAT stood at Rs 52 crore, as against a loss of Rs 36 crore in Q2FY19. The net interest during the quarter ended September 30, 2019 fell by Rs 14 crore over CPLY. Exceptional gain in Q2FY20 was

recorded at Rs 7 crore as against a CPLY loss of Rs 53 crore.

Commenting on the financial performance, Managing Director, JSL, Mr. Abhyuday Jindal said: "despite moderate business sentiment, JSL was able to maintain a steady performance through consistent improvement in operational parameters and internal cost efficiencies. A weak global outlook was compounded by soaring imports from Indonesia over the last few months, adding pressure on margins. Even though the government's decision to withdraw from RCEP is a welcome move, it is not adequate to keep the domestic industry at the same level as its global peers. We have sensitised the government about other imminent issues plaguing the industry, and look forward to more such steps in the future."

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