

## Sandvik invest in metal powder plant in Sandviken

Sandvik will invest about 200 M SEK in a plant for manufacturing fine metal powders in the business area Sandvik Materials Technology.

The 4000-sq m facility, producing titanium- and nickel powder, is expected to be up and running by 2020.

Although the materials part of Sandvik Group has a long history in the metal powder segment, the ability to produce titanium - and nickel powders - two specifically rapid-growing alloys, utilized in additive manufacturing and 3D printing - has been missing up until now.

Planned to be established in Sandviken, Sweden, the facility will be situated near in-house titanium raw material supply as well as the center for additive manufacturing. From a strategic point of view, the investment means Sandvik will keep progressing within the markets for metal powder and additive manufacturing, both expected to grow significantly within the next few years.



## Schwerte special steel tubes

Hoesch Schwerter Extruded Profiles GmbH develops special steel profiles in close collaboration with individual users or branches of industry. Every profile solves a special construction or manufacturing problem.

In particular, components for thermal processing plants are required to meet diverse structural demands. Together with the minimum tensile requirement, these consist of defined resistance to oxidation, corrosion and abrasive wear.

For this application as well as for other cases where a thermal-corrosive load is present, the plant designers have taken a path to equip the classical boiler pipe – with its existing inherent strength in normal atmospheres — with a “coating” of highly corrosion resistant austenitic material.

As a result of this composition of materials, closely bonded together, a tube is made whose carbon steel element withstands typical thermo-mechanical demands whilst the austenitic materials take care of corrosion resistance.

The tubes are manufactured by the hot extrusion process, a process which also permits the production of complex geometries using metals which are usually difficult to form.



Hoesch Schwerter Extruded Profiles GmbH belongs to the Italian group Calvi Holding SpA/Calvi Network.

## Raccortubi Group to Showcase at Tube 2018

Raccortubi Group will be showcasing its fastest delivery possibilities at TUBE 2018 in Düsseldorf. In addition, the extensive availability of raw material in sheets and plates in duplex, super duplex and 6mo up to 50mm, and in titanium up to 15mm, allows for fulfilling deliveries in 4-6 weeks thanks to a dedicated production line at Petrol Raccord called Fast Track.

An urgent request from a client in the Far East was received, for duplex manifolds to be delivered by airfreight within 4 weeks from placing the order.

While the Technical Department at Petrol Raccord promptly started the design of these tailor-made pieces with all the relevant calculations, the internal production was planned accordingly. Therefore, immediately after the customer’s approval, such a tight delivery schedule could be smoothly met. All these elements were fundamental in matching the demanding conditions of the contract for the supply of two manifolds 20” diameter in Duplex F51 with 11 double extruded outlets each, up to 55 mm thick and 20 meters long.

Raccortubi will be showing all its manufacturing and supplying solutions at Tube.



## Statoil awards Johan Castberg contract

Statoil has awarded Kværner the contract for the Johan Castberg topsides. The contract includes the construction and installation of the topside structure for the floating production, storage and offloading vessel (FPSO) to be located on the Johan Castberg field in the Barents Sea. The contract has a total value of about NOK 3.8B. The development work will take place at several yards along the Norwegian coast.

Kværner will utilise a number of yards along the Norwegian coast for the construction work. Yards in Sandnessjøen, Verdal, Stord and Egersund will all be used.

The construction work is scheduled to last until 2021, followed by a complex assembly period. In this period the topside structure will be installed on the hull and connected to the turret. First oil from the field is scheduled for the first half of 2022.

Johan Castberg will be the sixth project on stream in Northern Norway. The field has been important to the further development of the oil and gas industry in the north.

