

#### CERTIFICATE OF APPROVAL

This is to certify that the Management System of:

## **Sandvik Materials Technology**

has been approved by Lloyd's Register Quality Assurance to the following Environmental and Occupational Health & Safety Management Standards:

> ISO 14001:2004 OHSAS 18001:2007

The scope of this approval is applicable to:

Development and production of tube, strip including coated strip, wire, semi-finished and bar products of stainless steel, special alloys and other grades. Procurement, stockholding and sales of stainless and other complementary products.

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

Approval Certificate No: GBG0000461

Original ISO 14001 Approval:

4 December 2002

Original OHSAS 18001 Approval:

7 January 2008

Current Certificate: 1 January 2017

Certificate Expiry: 14 September 2018

my Gustatsson Issued by: LRQA Sverige AB for and on behalf of Lloyd's Register Quality Assurance Limited





## **Sandvik Materials Technology**

### **Locations**

#### **HEAD OFFICE**

Sandvik Materials Technology AB, Sandviken, Sweden GBG0000461

### **Activities**

Development and production of tube, strip including coated strip, wire, semi-finished and bar products of stainless steel, special alloys and other grades. Procurement, stockholding and sales of stainless and other complementary products.

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### Sandvik Materials Technology

### **Locations**

#### **EUROPE**

Sandvik Materials Technology (SMT), PA Strip Wire and Heating Technology Hallstahammar, Sweden GBG6018034

Sandvik Materials Technology PA Tube Division Précitube Charost, France GBG0002270

Sandvik Materials Technology PA Tube Sandvik P&P Germany Werther, Germany GBG0005935

Sandvik Materials Technology (SMT), PA Strip Wire and Heating Technology, Walldorf, Germany GBG0000600

Sandvik Materials Technology PA Strip Wire and Heating Sandvik Powder Solutions AB, Surahammar, Sweden + Sandvik Powder Solutions AB, Sandviken Sweden GBG6015329

#### **Activities**

Design, production ,Technical support and services of products and systems of metallic alloys and ceramic material for generating, controlling, protection against and measuring heat.

Manufacturing of precision tubes in stainless steel and nickel alloys.

Design and manufacture of seamless and welded re-drawn precision tubes and bars in stainless steels, nickel and titanium alloys.

Sales, technical support, development and production of heating elements as well as heating and insulation systems.

Manufacturing and supply of customer specific near net shape components and metal powder in high alloyed or stainless steels, nickel- or cobolt based alloys and compound or composite solution using gas atomised powder and hot isostatic pressing.

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## **Sandvik Materials Technology**

#### Location

Sandvik Materials Technology (SMT), SMT Logistics, DC, Venlo, The Netherlands (EHS) GBG0002560

Sandvik Materials Technology, PA Tube, Chomutov, Czech Rep. GBG6003486

Sandvik Materials Technology PA Strip Wire and Heating Technology Sandvik Osprey Ltd Neath, UK GBG0000561

Sandvik Materials Technology (SMT), PA Strip Wire and Heating Technology, Perth, UK GBG6018035

#### **NORTH AMERICA**

Sandvik Materials Technology (SMT), PA Tube, Kennewick, WA, USA GBG0002244

Sandvik Materials Technology (SMT), PA Tube/Strip Wire and Heating Technology /SMT Logistics, PEXCO, Scranton, PA, USA GBG0000555

continuing on next page

### **Activities**

Warehousing, distribution and processing of stainless steel, carbon steel and high alloy products and equipment for mining activities.

Activities including and associated with production of straight, joint welded and coiled on reel seamless tubes and U-bends of stainless steel and distribution of Sandvik Group products.

Manufacture and sale of gas atomised metal and alloy powders, spray-formed products and products manufactured from alloys for use in thermal management applications.

Design and manufacture of silicon carbide electric heating elements, silicon carbide materials for nonheating element applications, silicon carbide catalytic ignitor caps.

Manufacture of Seamless Zirconium and Titanium Tubing for the Nuclear, Aerospace and Chemical Industries. Manufacturing of Specialty Metal Seamless or Seamfree Tubing.

Manufacture of flat coiled mechanical power springs, bare welding wire, and seamless tubular products. Stockholding of round wire springs, specialty strip, specialty wire, welding consumables, covered welding electrodes, bare welding wire, seamless and welded tubular products, flat packs, TEC Lines, bars and shapes; and round and flat bars,

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## **Sandvik Materials Technology**

cannulated tubes, tube, wire and profiles for the medical industry. Value-added services including solid and hollow bar cutting, line marking, tube respooling, and flushing, filling, and pressure testing of tube.

#### Locations

cont. from GBG0000555 Sandvik Materials Technology PA Strip Wire and Heating Technology Benton Harbour, MI, USA

Sandvik Materials Technology, SMT Logistics DC Houston Houston, TX, USA

Sandvik Materials Technology PA Tube Arnprior, Ontario, Canada GBG0000578

Sandvik Materials Technology PA Strip Wire and Heating Technology Bethel, Connecticut, USA GBG6018053

Sandvik Materials Technology PA Strip Wire and Heating Technology Sandvik Palm Coast Palm Coast, Florida, USA GBG6018055

### **Activities**

Manufacture and stockholding of specialty strip.

Stockholding of seamless and welded tubular products, flat packs, tubing encased conductor (TEC) Lines, and bars and shapes. Value-added services including solid and hollow bar cutting, tube re-spooling, and flushing, filling, and pressure testing of tube.

Manufacture of Ferrous and Non-Ferrous Seamless Tubular Products.

Manufacture of Materials and Systems for Electrical Heating.

Production and Technical Support of Metallic Alloys for Conductive, Resistive, Medical and Specialised Applications, including "Kanthal" Brand Alloys.

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# **Sandvik Materials Technology**

### Locations

Sandvik Materials Technology (SMT), PA Strip Wire and Heating Technology Sonora, USA GBG6018032

### <u>Activities</u>

Design and Manufacture of Custom Thermal Processing Equipment.

#### **SOUTH AMERICA**

Sandvik Materials Technology (SMT), PA Strip Wire and Heating Technology, WM, Mogi Guacú, SP, Brazil GBG6018054

with:

Sandvik Materials Technology (SMT), PA Tube/Venture (Process Systems), São Paulo SP, Brazil

Sandvik Materials Technology (SMT), PA Strip Wire and Heating Technology, Chácara Bela Vista, Mogi Guacú SP, Brazil GBG6018036

with:

Sandvik Materials Technology (SMT), PA Strip Wire and Heating Technology Sandvik Materials Technology do Brasil S.A. Ind. e Com.

Mogi Guaçu Production and São Paulo Sales Units Mogi Guaçu, SP, Brazil and Jurubatuba, São Paulo, SP, Brazil Sales, Commercialization and Manufacturing of Welding Consumables in General, Wire, Strip and Bars of: Stainless Steels, Nickel Alloys, High Carbon and Special Alloys. Sales and Manufacturing of Wires for Electrical Resistance.

Commercialization, sales and cutting of welded and seamless tubes, bars and plates of stainless steel and special alloys. Commercialization, sales, cutting, vulcanization, joining, installation, maintenance of carbon and stainless steel conveyor belts for process systems.

Production of Metal Elements and Commercialization of Globar and Metal Elements. Top Management, Commercialization, Receiving, Production, Inspection, Expedition, Warehouse, Logistics, Quality, Environment, Health & Safety, Purchasing and Finance.

Top Management, Sales, Receiving, Production, Inspection, Expedition, Warehouse, Logistics, Quality, Environment, Health & Safety, Purchasing and Finance.

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## **Sandvik Materials Technology**

São Paulo Sales Unit Sandvik do Brasil S.A. Ind. e Com. Jurubatuba, São Paulo, SP, Brazil

Human Resources and Information Technology.

#### Locations

#### **ASIA**

Sandvik Materials Technology (SMT), PA Tube, Mehsana, India (EHS) GBG0006752

Manufacturing of stainless steel pipes and tubes.

**Activities** 

Sandvik Materials Technology (SMT), PA Strip Wire and Heating Technology Tamilnadu Hosur, India GBG6018051

The manufacture of Special alloys and resistance heating alloy wires. The manufacture of Electrical Heating elements, vacuum formed boards, sheathed elements, high temperature furnaces (80-1800 deg C) and Electrical Process heating systems.

Sandvik Materials Technology Sandvik Materials Technology (China) Co., Ltd. Zhenjiang, GBG6018194

Manufacture and Supply of Seamless Tubular Products in Stainless Steel (OD≤50mm) for Industry.

Sandvik Materials Technology (SMT), PA Strip Wire and Heating Technology Sakura-shi, Chiba-ken, Tokyo, Japan GBG6018061

Head office activities and sales.

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Original ISO 14001 Approval: 4 December 2002 Original OHSAS 18001 Approval: 7 January 2008 Current Certificate: 1 January 2017

14 September 2018

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