

Chemical Processing

NeoNickel is a leading European supplier and processor of bespoke corrosion resistant alloys for both aqueous and high temperature corrosion environments.

NeoNickel has been supplying high performance precision engineered materials to our European customers for a number of years. Our experienced sales team supported by our technical marketing team and on site laboratory facilities allows NeoNickel to consistently meet and strive to exceed our customers expectations.

NeoNickel offers complete supply chain solutions. From turnkey packages to JIT schedules and single stock items. We supply a wide range of components to meet the needs of demanding applications, which include bar, billet, forgings, sheet, coil, plate, pipe, tube, pipe fittings, flanges, fasteners, ground shafts, valve seats, machined parts and welding consumables.

Commonly Used Applications:

- Pressure Vessels
- Reactors & Agitators
- Mixers
- Heat Exchangers & Condensers
- Neutsche Pressure Filters, Centrifuges & Dryers
- Distillation Columns
- Piping Systems
- Pumps & Valves
- Safety Systems – Bursting Discs / Flame Arrestors / Fire Safe Valves
- Instrumentation & Flow Control Equipment
- Pollution Control Equipment

Associated Alloys:

Nickel & Titanium Alloys
Alloy 20
Alloy 22
Alloy 200/201
Alloy 400
Alloy 600
Alloy 601
Alloy 602CA
Alloy 625
Alloy 718
Alloy 725
Alloy 800H/AT
Alloy 825
Alloy B2/B3
Alloy C276
Alloy K500
Alloy RA330®
Alloy RA333®
Titanium Grade 2
Titanium Grade 5

Super Duplex Stainless Steels
F55
UNS S32760
ZERON® 100
ZERON® 100 AFP

Duplex Stainless Steels
F51
UNS S32205
UNS S31803 / 2205

Stainless Steels
AL-6XN®
Alloy 309
Alloy 310S
Alloy 321
Alloy 347
Alloy 253MA

PRODUCT FORMS

Available product forms:

- Plate
- Sheet
- Coil
- Bar
- Pipe
- Tube
- Fittings
- Flanges
- Welding Consumables
- Added Value Components
- Machined Components
- Valve Seats
- Precision Ground Bar & Shafts

PROCESSING

- Laser
- 2D Laser Inspection
- Waterjet
- Guillotine
- Bar Saw
- Plate Saw
- Metal Spinning
- Positive Material Identification

In addition to the wide range of alloys and product forms available from stock, our Sheffield Conversion Centre can now offer a range of items produced by:

- Open and Closed Die Forging
- GFM Forging
- Rolling
- Heat Treatment
- Machining / Grinding

Qualified metallurgists control all processing, inspection, mechanical and corrosion testing and NDT.

LABORATORY SERVICES

Our laboratory provides:

- Laboratory testing
- Failure analysis
- Materials selection, process & application review - plant visit and consultancy
- Formal reports

OUR LOCATIONS

Blackburn
+44 (0) 1254 582 999

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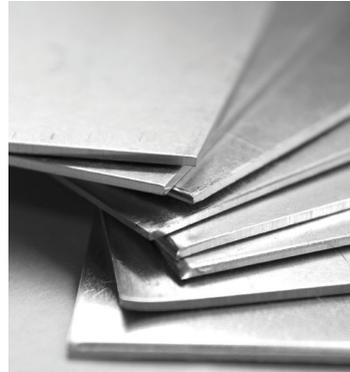
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TECHNICAL PROBLEM?

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