

Technical Services

We offer technical support for material analysis, metallurgical evaluation and testing services.



Metallography

Cutting, hot mounting, grinding, polishing, chemical & electrolytic etching and engraving equipment used to complete metallographic preparations.



Mechanical Testing

Macro/micro hardness using Rockwell, Vickers and Brinell devices. Room temperature / elevated temperature tensile testing. Room temperature / sub-zero temperature Charpy impact testing. Creep rupture testing. Stress rupture testing.



Microscopy

Optical microscopes and scanning electron microscopy with EDX analysis.



Corrosion Testing

Standard corrosion testing on ferrous and non-ferrous alloys according to internationally recognised standards, e.g. ASTM (G48, G28, A262, etc.), ISO or EFC. Autoclave corrosion testing.



Quality Assurance Services

Fully portable device for positive material identification by XRF technique. LECO analyser for completing Hydrogen analysis in weld wire.



Heat Treatment

Heat treatment of materials for both supply and research activities.

Technical Services

NeoNickel can provide you with the following technical services:



Process & Application Review

Plant Visits & Consultancy



Lab Testing



Failure Analysis



Sampling & Data gathering



Formal Reports

Which include material and processing recommendations.

Our Locations

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For more information about our technical services visit our website

www.neonickel.com