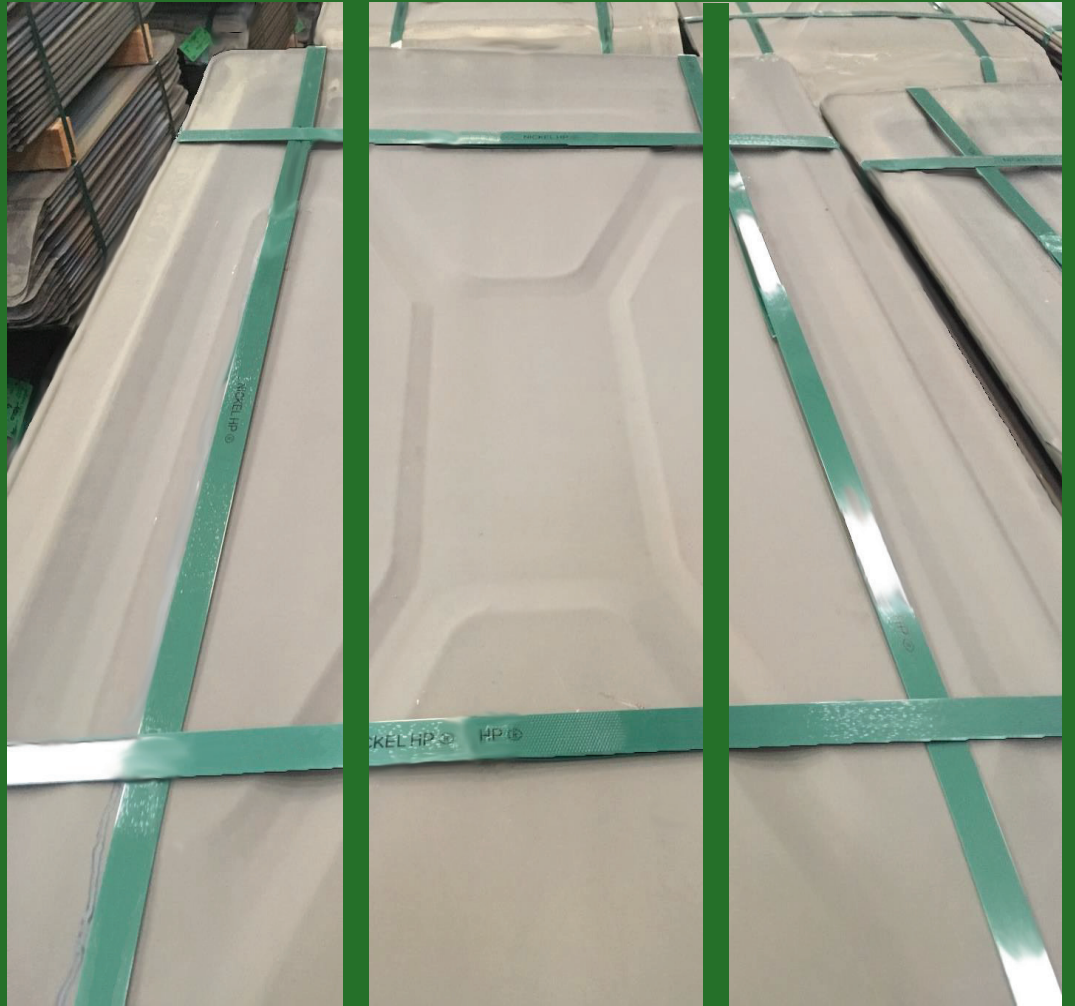


# NICKEL HP®

## HIGH PURITY ELECTROLYTIC NICKEL



## HIGH PURITY AND RELIABILITY

Benefiting from a unique production process at Sibanye-Stillwater Sandouville Refinery, NICKEL HP® is one of the purest electrolytic nickel metals in the world.

NICKEL HP® is used in a wide range of applications where purity requirements are critical. Over the past 30 years, NICKEL HP® has been associated with quality, reliability and high purity among the leading producers of superalloys, nickel alloys and special steels for the aerospace, aeronautics and energy industries.

It is also used in plating industries.

# NICKEL HP®

## HIGH PURITY ELECTROLYTIC NICKEL

### SPECIFICATIONS

	Typical	Guaranteed
Nickel	99.99 %	Min. 99.97 %
Carbon	0.0010 %	Max. 0.0050 %
Cobalt	< 0.00009 %	Max. 0.0003 %
Copper	< 0.0003 %	Max. 0.0010 %
Iron	0.0009 %	Max. 0.0030 %
Lead	0.00006 %	Max. 0.0001 %
Phosphorous	< 0.0002 %	Max. 0.0002 %
Sulphur	< 0.0003 %	Max. 0.0005 %
Zinc	< 0.0001 %	Max. 0.0005 %
Arsenic	< 0.0005 %	
Cadmium	< 0.00001 %	
Hydrogen	0.0006 %	
Nitrogen	< 0.0003 %	
Oxygen	0.0088 %	

### REGULATIONS

NICKEL HP® exceeds the requirements of ISO 6283, NF A54-100, ASTM B39-79, and DIN 1701 and is a fully registered LME brand.

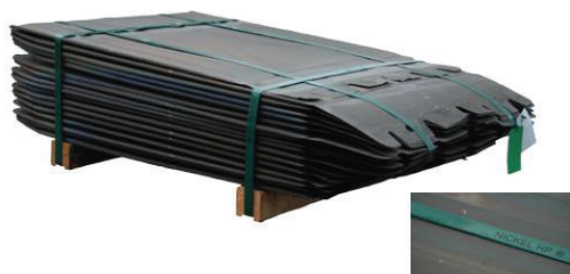
Sibanye-Stillwater Sandouville Refinery's NICKEL HP® is produced and sold in accordance with the REACH European Regulation (EC N°1907/2006) and complies with the requirements of the European Union.

### NICKEL HP® - Full Plate Cathodes

**Cathodes size (1 300 mm x 770 mm)** – Indicative thickness 12-15 mm

- 16-17 untrimmed Full Plate Cathodes per bundle
- Strapped to wooden skids
- Net weight: 1 500 kg (3 307 lbs) approximately per pallet
- Gross weight: 1 507 kg (3 323 lbs) approximately per pallet

All wooden pallets and skids are ISPM15 compliant.



Contact and information: [sales.sandouville@sibanyestillwater.com](mailto:sales.sandouville@sibanyestillwater.com) - [www.sibanyestillwater.com](http://www.sibanyestillwater.com)

The quality management system for the production and sales of all Nickel Metal products at Sibanye-Stillwater Sandouville Refinery is certified by SGS.

**Sibanye**  
**Stillwater**  
SANDOUILLE REFINERY

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