



NIAGARA

SPECIALTY METALS

MATERIAL CERTIFICATION

NJ STEEL BARON TAG #1508

Production Order: 140011

Grade: A-2

Description: A-2 HRA DESCALED SHEARED SHEET
.172/.188" x 22/25" RW x 36.000" Ex.
Heat# N00227

Chemistry Analysis

NSM Heat Number: N00227

Hardness:

Carbon:	0.980	Manganese:	0.820	Phosphorus:	0.024	Copper:	
Silicon:	0.290	Chromium:	5.340	Vanadium:	0.240	Niobium:	
Cobalt:		Molybdenum:	1.010	Nickel:	0.240	Nitrogen:	
Sulphur:	0.011	Tungsten:		Titanium:		Aluminum:	

Remarks

Chemistry as per SPECIFICATION: ASTM A-681

Country of origin: USA

Material received date: May 02, 2014

Original mill heat no: A11230

Federal ID #: 16-1179936

Robert Shabala

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We provide material that is free from mercury contamination and radiation at the time of shipment No weld repair is done.

We are compliant with EU directive 2002/95/EC (ROHS), REACH, EN 10204 2004 3.1 and DFARS

252.225.7001, 7002, 7008, 7009. Material is melted and manufactured in North America.

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under federal statutes including Federal Law, Title 18, Chapter 47. The above are true and correct results of tests on samples of the material. Said results meet the specification(s) and are on record.