



NIAGARA
SPECIALTY METALS

MATERIAL CERTIFICATION

NJ STEEL BARON TAG # 2208

Production Order: 149887

Grade: 154-CM

Description:

154-CM HRA DESCALED SHEARED SHEET
.172/.188 x 18.250" x 36.000" Ex., Heat# A14936
.172/.188 x 23/24" RW x 36.000" Ex., Heat# A14936
.180/ 200 x 23/24" RW x 36.000" Ex., Heat# NA14229

Chemistry Analysis

Heat Number: A14936

Hardness:

Carbon:	1.070	Manganese:	0.690	Phosphorus:	0.020	Copper:	0.150
Silicon:	0.310	Chromium:	13.420	Vanadium:		Niobium:	
Cobalt:		Molybdenum:	4.040	Nickel:	0.270	Nitrogen:	
Sulphur:	0.004	Tungsten:		Titanium:		Aluminum:	
Carbon:	1.070	Manganese:	0.690	Phosphorus:	0.020	Copper:	0.150
Silicon:	0.310	Chromium:	13.420	Vanadium:		Niobium:	
Cobalt:		Molybdenum:	4.040	Nickel:	0.270	Nitrogen:	
Sulphur:	0.004	Tungsten:		Titanium:		Aluminum:	

Remarks

Country of origin: USA

Federal ID #: 16-1179936

General Manager/Quality

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.