



NIAGARA
SPECIALTY METALS

MATERIAL CERTIFICATION

NJ STEEL BARON TAG 2559

THICKNESS: 3/16 (.187)

Production Order: 155871

Grade: 440-C ESR

Description:

440-C ESR HRA DESCALED SHEARED PLATE

.207/.227" x 24" Min. RW x 6/7' RL

Heat# G31004

Chemistry Analysis

Heat Number:	G31004	Hardness:		Hppm:	0.000
Carbon:	1.030	Manganese:	0.740	Phosphorus:	0.019
Silicon:	0.380	Chromium:	16.420	Vanadium:	0.050
Cobalt:	0.050	Molybdenum:	0.500	Nickel:	0.250
Sulphur:	0.001	Tungsten:	0.050	Titanium:	0.010
				Aluminum:	0.010

Remarks

Chemistry as per ASTM A-276, ASTM F899-12b

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.