## NAGARA SPECIALTY METALS

## MATERIAL CERTIFICATION

## NJ STEEL BARON TAG #2432

**Production Order:** 154135

Grade:

440-C ESR

Description:

440-C ESR HRA DESCALED SHEARED PLATE .275/.300 x 23/25" RW x 36.000" Ex.

Heat# G31260

Chemistry Analysis						
	Heat Number:	G31260	Hardness:		om:	
	Carbon:	1.050 Manganese:	0.760 Phosphorus:	0.019 Cop	per:	0.100
	Silicon:	0.340 Chromium:	16.620 Vanadium:	0.060 <b>Ni</b> o	bium:	0.010
	Cobalt:	0.050 Molybdenum:	0.500 Nickel:	0.200 Nitr	ogen:	0.050
	Sulphur:	0.001 Tungsten:	0.050 Titanium:	0.010 Alu	minum:	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.