



# MATERIAL CERTIFICATION

**NIAGARA**  
SPECIALTY METALS

**NJ STEEL BARON**  
**TAG #1891**

Production Order: 145525

Grade: 416-SS

Description: 416-SS HRA DESCALED SHEARED SHEET  
.172/.188 x 23/25" RW x 36.000" Ex.  
Heat# N10333

## Chemistry Analysis

Heat Number: N10333

Hardness:

Carbon: 0.150

Manganese: 1.220

Phosphorus: 0.011

Copper:

Silicon: 0.250

Chromium: 12.080

Vanadium:

Niobium:

Cobalt:

Molybdenum:

Nickel:

Nitrogen:

Sulphur: 0.150

Tungsten:

Titanium:

Aluminum:

## Remarks

Chemistry as per ASTM A895-89 (2017)

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, EN10204 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.