



NIAGARA  
SPECIALTY METALS

# MATERIAL CERTIFICATION

5/32

NJ STEEL BARON TAG #2335

Production Order: 151466

Grade: CPM CRUWEAR

## Description:

CPM CRUWEAR HRA DESCALED SHEARED PLATE

.172/ 188 x 24" RW x 36.000" Ex - Heat# NP71648,

.180/ 200 x 24" RW x 36.000" Ex - Heat# NP71648,

## Chemistry Analysis

Heat Number: NP71648

Hardness:

Carbon: 1.120

Manganese: 0.400

Phosphorus: 0.013

Copper:

Silicon: 1.240

Chromium: 7.750

Vanadium: 2.420

Niobium:

Cobalt:

Molybdenum: 1.640

Nickel:

Nitrogen:

Sulphur: 0.012

Tungsten: 1.160

Titanium:

Aluminum:

## Remarks

Chemistry as per CI SPECIFICATION REV-1

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.