



# MATERIAL CERTIFICATION

**NIAGARA**  
SPECIALTY METALS

**NJ STEEL BARON TAG #1010**

Production Order: 137901

Grade: CPM CRUWEAR

Description: CPM CRUWEAR HRA DESCALED SHEARED  
PLATE  
.207/.227 x 23/25" RW x 36.000" Ex.  
Heat# NP70909

## Chemistry Analysis

NSM Heat Number: NP70909

Hardness:

Carbon:	1.110	Manganese:	0.390	Phosphorus:	0.013	Copper:	
Silicon:	1.240	Chromium:	7.740	Vanadium:	2.410	Niobium:	
Cobalt:		Molybdenum:	1.660	Nickel:		Nitrogen:	
Sulphur:	0.011	Tungsten:	1.160	Titanium:		Aluminum:	

## Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: November 03, 2021

Original mill heat no: P70909

Federal ID #: 16-1179936

*Robert Shabala*

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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.