



# NIAGARA

SPECIALTY METALS

## MATERIAL CERTIFICATION

12600 Clarence Center Road  
Akron, NY 14001  
716-542-5552  
716-542-5555  
Email: nsm@nsm-ny.com

**Customer:** NJ STEEL BARON

**Date of shipment:** 04/24/2020

**Production Order:** 126812

**Grade:** CPM 154-CM

**Description:** CPM 154 HRA DESCALED SHEARED SHEET  
.207/.2276" X 22/25" X 36"  
500 POUNDS  
HT# NP69234

### Chemistry Analysis

**NSM Heat Number:** NP69234

**Hardness:**

<b>Carbon:</b> <input type="text" value="1.070"/>	<b>Manganese:</b> <input type="text" value="0.490"/>	<b>Phosphorus:</b> <input type="text" value="0.017"/>	<b>Copper:</b> <input type="text" value="0.080"/>
<b>Silicon:</b> <input type="text" value="0.790"/>	<b>Chromium:</b> <input type="text" value="13.500"/>	<b>Vanadium:</b> <input type="text" value="0.270"/>	<b>Niobium:</b> <input type="text"/>
<b>Cobalt:</b> <input type="text" value="0.050"/>	<b>Molybdenum:</b> <input type="text" value="4.040"/>	<b>Nickel:</b> <input type="text" value="0.120"/>	<b>Nitrogen:</b> <input type="text"/>
<b>Sulphur:</b> <input type="text" value="0.016"/>	<b>Tungsten:</b> <input type="text" value="0.120"/>	<b>Titanium:</b> <input type="text"/>	<b>Aluminum:</b> <input type="text"/>

### Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: April 15, 2020

Original mill heat no: P69234

Federal ID #: 16-1179936

*Robert Shabala*

Robert Shabala

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.