



MATERIAL CERTIFICATION

NIAGARA

SPECIALTY METALS

Customer: NJ STEEL BARON

Date of shipment: 04/17/2020

Production Order: 127021

Grade: CPM M-4

Description: CPM M-4 HRA DESCALED SHEARED SHEET
.103/.113" X 24" X 36"
HT# NP67723
8 SHEETS

Chemistry Analysis

NSM Heat Number: NP67723

Hardness:

Carbon:	<input type="text" value="1.440"/>	Manganese:	<input type="text" value="0.320"/>	Phosphorus:	<input type="text" value="0.023"/>	Copper:	<input type="text"/>
Silicon:	<input type="text" value="0.560"/>	Chromium:	<input type="text" value="3.880"/>	Vanadium:	<input type="text" value="3.830"/>	Niobium:	<input type="text"/>
Cobalt:	<input type="text"/>	Molybdenum:	<input type="text" value="5.250"/>	Nickel:	<input type="text"/>	Nitrogen:	<input type="text"/>
Sulphur:	<input type="text" value="0.056"/>	Tungsten:	<input type="text" value="5.440"/>	Titanium:	<input type="text"/>	Aluminum:	<input type="text"/>

Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: April 03, 2019

Original mill heat no: P67723

Federal ID #: 16-1179936

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.