MATERIAL CERTIFICATION

NIAGARA
SPECIALTY METALS

Customer: NJ STEEL BARON

Date of shipment: 07/17/2020
Production Order: 128101
Grade: CPM S30-V

Description: CPM S30-V HRA DESCALED SHEARED PLATE
.207/.227 x 24.5" x 36.000" Ex. - Heat# NR69413, 1 Piece
.207/.227 x 3.875" x 36.000" Ex. - Heat# NR68635, 1 Piece

Chemistry Analysis

NSM Heat Number: NR68635

Carbon:	1.490	**Manganese:**	0.490	**Phosphorus:**	0.021	**Copper:**	
Silicon:	0.500	**Chromium:**	14.010	**Vanadium:**	4.050	**Niobium:**	
Cobalt:	0.020	**Molybdenum:**	2.060	**Nickel:**		**Nitrogen:**	0.220
Sulphur:	0.016	**Tungsten:**	0.030	**Titanium:**		**Aluminum:**	

Hardness:

Remarks

Chemistry as per CI SPECIFICATION REV-1
Country of origin: USA
Material received date: May 30, 2019
Original mill heat no: R68635

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.

Chemistry Analysis

NSM Heat Number: NR69413

Carbon:	1.450	**Manganese:**	0.480	**Phosphorus:**	0.016	**Copper:**	
Silicon:	0.500	**Chromium:**	14.080	**Vanadium:**	4.080	**Niobium:**	
Cobalt:	0.010	**Molybdenum:**	2.000	**Nickel:**		**Nitrogen:**	0.210
Sulphur:	0.019	**Tungsten:**	0.030	**Titanium:**		**Aluminum:**	

Hardness:

Remarks

Chemistry as per CI SPECIFICATION REV-1
Country of origin: USA
Material received date: June 04, 2020
Original mill heat no: R69413

Federal ID #: 16-1179936
Robert Shabala