



MATERIAL CERTIFICATION

NIAGARA

SPECIALTY METALS

12600 Clarence Center Road
Akron, NY 14001

NJSB Tag No. 1890

Grade: CPM 20-CV

Description: CPM 20-CV HRA GROUND-DCF SHEARED SHEET
.140/.156 x 23/25" RW x 36.000" Ex.
Heat# NR71533, 5 Pieces

Chemistry Analysis

Heat Number:	NR71533		Hardness:	<input type="text"/>	
Carbon:	<input type="text" value="1.940"/>	Manganese:	<input type="text" value="0.300"/>	Phosphorus:	<input type="text" value="0.022"/>
Silicon:	<input type="text" value="0.690"/>	Chromium:	<input type="text" value="20.470"/>	Vanadium:	<input type="text" value="4.050"/>
Cobalt:	<input type="text"/>	Molybdenum:	<input type="text" value="1.010"/>	Nickel:	<input type="text"/>
Sulphur:	<input type="text" value="0.014"/>	Tungsten:	<input type="text" value="0.610"/>	Titanium:	<input type="text"/>
				Copper:	<input type="text"/>
				Niobium:	<input type="text"/>
				Nitrogen:	<input type="text"/>
				Aluminum:	<input type="text"/>

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, EN10204 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, Title18, 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.