



NIAGARA
SPECIALTY METALS

MATERIAL CERTIFICATION

12600 Clarence Center Road
Akron, NY 14001

NJSB Tag No. 564

Description: CPM 20-CV HRA GROUND-DCF SHEARED PLATE
.2071.227 x 24" RW x 36.000" Ex.
Heat# NR69792 - 2 Pieces

Chemistry Analysis

NSM Heat Number:	NR69792		Hardness:	<input type="text"/>	
Carbon:	<input type="text" value="1.920"/>	Manganese:	<input type="text" value="0.300"/>	Phosphorus:	<input type="text" value="0.022"/>
Copper:	<input type="text" value="0.060"/>		Vanadium:	<input type="text" value="4.050"/>	Niobium:
Silicon:	<input type="text" value="0.670"/>	Chromium:	<input type="text" value="20.270"/>	Nickel:	<input type="text" value="0.150"/>
Cobalt:	<input type="text" value="0.500"/>	Molybdenum:	<input type="text" value="1.030"/>	Nitrogen:	<input type="text"/>
Sulphur:	<input type="text" value="0.014"/>	Tungsten:	<input type="text" value="0.600"/>	Titanium:	<input type="text"/>
				Aluminum:	<input type="text"/>

Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: August 10, 2020

Original mill heat no: R69792

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.