



MATERIAL CERTIFICATION

NIAGARA
SPECIALTY METALS

Customer: NJ STEEL BARON

Date of shipment: 06/15/2020

Production Order: 127660

Grade: 440-C

Description: 440-C ESR HRA DESCALED SHEARED SHEET
.070/.078" x 23/25" RW x 36.000" Ex. (10 Pieces)
.070/.078" x 23/25" RW x RL (5 Pieces)
Heat# N90949

Chemistry Analysis

NSM Heat Number: N90949

Hardness:

Carbon:	<input type="text" value="1.070"/>	Manganese:	<input type="text" value="0.830"/>	Phosphorus:	<input type="text" value="0.018"/>	Copper:	<input type="text"/>
Silicon:	<input type="text" value="0.310"/>	Chromium:	<input type="text" value="16.720"/>	Vanadium:	<input type="text" value="0.060"/>	Niobium:	<input type="text"/>
Cobalt:	<input type="text"/>	Molybdenum:	<input type="text"/>	Nickel:	<input type="text" value="0.190"/>	Nitrogen:	<input type="text" value="0.044"/>
Sulphur:	<input type="text" value="0.001"/>	Tungsten:	<input type="text"/>	Titanium:	<input type="text"/>	Aluminum:	<input type="text"/>

Remarks

Country of origin: USA

Material received date: February 27, 2020

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.