



# MATERIAL CERTIFICATION

**NIAGARA**  
SPECIALTY METALS

Customer: NJ STEEL BARON

Date of shipment: 05/26/2020

Production Order: 127394

Grade: 440-C ESR

Description: 440-C ESR HRA DESCALED SHEARED SHEET  
.140/.156 x 23/25" RW x 36.000" Ex.  
Heat# N90949

## Chemistry Analysis

NSM Heat Number: N90949

Hardness:

Carbon:  Manganese:  Phosphorus:  Copper:

Silicon:  Chromium:  Vanadium:  Niobium:

Cobalt:  Molybdenum:  Nickel:  Nitrogen:

Sulphur:  Tungsten:  Titanium:  Aluminum:

## Remarks

Chemistry as per SPECIFICATION;ASTM A-276

ASTM F899-12b

Country of origin: USA

Material received date: May 26, 2020

Original mill heat no: G27046

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.