MATERIAL CERTIFICATION

NIAGARA
SPECIALTY METALS

12600 Clarence Center Road
Akron, NY 14001
716-542-5552
716-542-5555
Email: nsm@nsm-ny.com

:

NJSB TAG NO. 432

Date of shipment: 04/17/2020
Production Order: 127022
Grade: D-2

Description: D-2 HRA DESCALED SHEARED SHEET
.103/.113" X 24" X 36"
HT# N40249

Chemistry Analysis

NSM Heat Number: N40249 **Hardness:**

Carbon:	1.520	**Manganese:**	0.430	**Phosphorus:**	0.019	**Copper:**	
Silicon:	0.360	**Chromium:**	11.190	**Vanadium:**	0.820	**Niobium:**	
Cobalt:		**Molybdenum:**	0.770	**Nickel:**		**Nitrogen:**	
Sulphur:	0.003	**Tungsten:**		**Titanium:**		**Aluminum:**	

Remarks

Chemistry as per SPECIFICATION;ASTM A-681
Country of origin: USA
Material received date: December 10, 2015
Original mill heat no: A12859

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.