MAI

MATERIAL CERTIFICATION

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

Customer:

NJ STEEL BARON

NJSB TAG NO. 489

Date of shipment: 07/17/2020

Production Order: 128095

Grade:

440-C ESR

Description:

440-C ESR HRA DESCALED SHEARED PLATE

.275/.300 x 22/25" RW x 36.000" Ex.

Heat# N90949

		Chemistry Analysis			
NSM Heat Number: N90949		Hardness:			
Carbon:	1.060 Manganese:	0.810 Phosphorus:	0.017	Copper:	0.080
Silicon:	0.270 Chromium:	16.340 Vanadium:	0.060	Niobium:	0.010
Cobalt:	Molybdenum:	0.500 Nickel:	0.190	Nitrogen:	0.044
Sulphur:	0.001 Tungsten:	Titanium:		Aluminum:	
		Remarks			
Chemistry as per SP	PECIFICATION;ASTM A-276				
ASTM F899-12b					

Country of origin: USA

Material received date: July 22, 2020 Original mill heat no: G27046 Federal ID #: 16-1179936

Robert Shabala

Rest-SUC

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.