



NIAGARA
SPECIALTY METALS

MATERIAL CERTIFICATION

NJ STEEL BARON
Tags 2663 & 2664

Production 159033
Order: Grade: CPM S45-VN

Description:
CPM S45-VN HRA DESCALED SHEARED SHEET
.172/.188 x 23/25" RW x 36.000" Ex.
Heat# 419052

Chemistry Analysis

Heat Number:	419052	Hardness:		Hppm:	0.000
Carbon:	1.500	Manganese:	0.440	Phosphorus:	0.022
				Copper:	0.040
Silicon:	0.460	Chromium:	15.500	Vanadium:	2.750
				Niobium:	
Cobalt:	0.050	Molybdenum:	2.100	Nickel:	0.110
				Nitrogen:	
Sulphur:	0.013	Tungsten:	0.080	Titanium:	
				Aluminum:	

Remarks

Chemistry as per CI SPECIFICATION REV-1
DFARS Compliant

Federal ID #: 16-1179936

General Manager/Quality

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 manufactured in North America.

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under federal statutes including Federal Law, Title 18, Chapter 47. The above are true and correct results of tests on samples of the material. Said results meet the specification(s) and are on record.