



MATERIAL CERTIFICATION

NIAGARA

SPECIALTY METALS

NJ STEEL BARON TAGS 1410, 1413, 1613

Production Order: 139938

Grade: CPM 154-CM

Description: CPM 154 HRA DESCALED SHEARED SHEET
090/.100 x 23/25" RW x 36.000" Ex.
Heat# NP70497 - Tag #1410
Heat# NP71399 -
Heat# NP69578 -
Heat# NP66100 - Tag #1413
Heat# NP69992 -

Chemistry Analysis

NSM Heat Number: NP66100 - TAG 1413

Hardness:

Carbon:	1.070	Manganese:	0.500	Phosphorus:	0.020	Copper:	
Silicon:	0.800	Chromium:	13.560	Vanadium:		Niobium:	
Cobalt:		Molybdenum:	3.990	Nickel:		Nitrogen:	
Sulphur:	0.010	Tungsten:		Titanium:		Aluminum:	

Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: April 11, 2017

Original mill heat no: P66100

Federal ID #: 16-1179936

Robert Shabala

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.

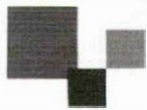
The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under federal statutes including Federal Law, Title 18, Chapter 47. The above are true and correct results of tests on samples of the material. Said results meet the specification(s) and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

Chemistry Analysis

NSM Heat Number: NP69578

Hardness:

Carbon:	1.070	Manganese:	0.490	Phosphorus:	0.020	Copper:	0.070
Silicon:	0.800	Chromium:	13.520	Vanadium:	0.210	Niobium:	
Cobalt:	0.020	Molybdenum:	4.010	Nickel:	0.140	Nitrogen:	



MATERIAL CERTIFICATION

NIAGARA
SPECIALTY METALS

NJ STEEL BARON TAGS 1410, 1413, 1613

Production Order: 139938

Grade: CPM 154-CM

Description: CPM 154 HRA DESCALED SHEARED SHEET
.090/ 100 x 23/25" RW x 36.000" Ex.
Heat# NP70497 - TAG 1410
Heat# NP71399
Heat# NP69578 -
Heat# NP66100 -TAG 1413
Heat# NP69992 -

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252.225.7001,7002,7008,7009. Material is melted and manufactured in North America.

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Chemistry Analysis

NSM Heat Number: NP70497 TAG 1410

Hardness:

Carbon:	1.040	Manganese:	0.490	Phosphorus:	0.018	Copper:	
Silicon:	0.820	Chromium:	13.500	Vanadium:		Niobium:	
Cobalt:		Molybdenum:	4.020	Nickel:		Nitrogen:	
Sulphur:	0.015	Tungsten:		Titanium:		Aluminum:	

Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: November 03, 2021

Original mill heat no: P70497

Federal ID #: 16-1179936

Robert Shabala

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252.225.7001,7002,7008,7009. Material is melted and manufactured in North America.

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MATERIAL CERTIFICATION

NIAGARA

SPECIALTY METALS

NJ STEEL BARON TAGS 1410, 1413, 1613

Production Order: 141824

Grade: CPM 154-CM

Description: CPM 154 HRA DESCALED SHEARED SHEET
.075/.085 x 24/25" RW x 36.000" Ex.
Heat# NP66724 -TAG 1613

Chemistry Analysis

NSM Heat Number: NP66724 -TAG 1613

Hardness:

Carbon:	1.090	Manganese:	0.500	Phosphorus:	0.018	Copper:	
Silicon:	0.790	Chromium:	13.490	Vanadium:		Niobium:	
Cobalt:		Molybdenum:	4.020	Nickel:		Nitrogen:	
Sulphur:	0.013	Tungsten:	0.230	Titanium:		Aluminum:	

Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: February 15, 2018

Original mill heat no: P66724

Federal ID #: 16-1179936

Robert Shabala

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.

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