		MATERI	AL CE	RTIFICA	TION			
	RA							
J STEEL BAI 1006	AG	Production Order: 137898						
					Grade:			
Alignment of the line of the l			Descrip	SHEET .103/.1 Heat# I	CRUWEAR HRA DESCALED SHEARED T 113 x 23/25" RW x 36.000" Ex. # NP70903 # NP62239			
			Chemistry	Analysis				
NSM Heat Number: NP62239			Hardness:					
Carbon:	1.130	Manganese:	0.400	Phosphorus:	0.017	Copper:		
Silicon:	1.260	Chromium:	7.780	Vanadium:	2.380	Niobium:		
Cobalt:	0.140	Molybdenum:	1.670	Nickel:	0.190	Nitrogen:		
Sulphur:	0.013	Tungsten:	1.180	Titanium:		Aluminum:		
			Rem	arks	All of the year			
hemistry as per CI S	PECIFICAT	TION REV-1						
ountry of origin: USA		Federal ID #: 16-1179936			936			
Material received date: September 10, 2014			1		Ret	Rett SUC		
Driginal mill heat no:				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:	NP70903		Hardness:							
Carbon: 1.0	90 Manganese:	0.390	Phosphorus:	0.013	Copper:					
Silicon: 1.2	chromium:	7.760	Vanadium:	2.380	Niobium:					
Cobalt:	Molybdenum:	1.660	Nickel:		Nitrogen:					
Sulphur: 0.0	11 Tungster:	1.170	Titanium:		Aluminum:					
Remarks										

Chemistry as per CI SPECIFICATION REV-1

MATERIAL CERTIFICATION

NJ STEEL BARON TAG #1006

SPECIALTY METALS

Production Order: 137898

Grade:

CPM CRUWEAR

Description:

CPM CRUWEAR HRA DESCALED SHEARED SHEET .103/.113 x 23/25" RW x 36.000" Ex. Heat# NP70903 Heat# NP62239

Country of origin: USA Material received date: December 02, 2021 Original mill heat no: P70903 Federal ID #: 16-1179936

Kett SUL

Robert Shabala

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