



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 36144 1

Customer: 007311 001

Mail To:
PELLUS MANUFACTURING LTD.
7045 INDUSTRIAL DRIVE
COMBER, ON N0P1J0

Ship To:
PELLUS MANUFACTURING LTD.
7045 INDUSTRIAL DRIVE
COMBER, ON N0P1J0

Date: 11/27/2007 Page: 1

Steel: 409Nb

Finish: WIRE ROD

Your Order: PEL09292007

NAS Order: IN 0034634 02

Corrosion:

PRODUCT DESCRIPTION:

Wire rod, hot rolled, annealed, pickled. 409Nb, CHRYSLER SPEC MS 3920, ASTM A 580/98

REMARKS:

Melted & Manufactured in the USA. Product complies w/ requirements of EU directive 2002.95.EC.RoHS. Material Free from Mercury contamination. No weld repair. NAS certifies the analysis on certification is correct & the material meets specs stated.

Product Id	Diameter	Size	Weight	-----Length-----	Mark	Pieces	Commodity Code
WA8144 2	.4100		1,714		2	1	

CHEMICAL ANALYSIS

Heat	CM	C	CO	CR	CU	MN	MO	N	NI	P	S	SI
89J0	US	.0084	.0188	11.3465	.1083	.3872	.0275	.0128	.2470	.0190	.0011	.3710

MECHANICAL PROPERTIES

Product Id	l d	HBHARD	YS0.2%	UTS	RA	EL-4D
	o i	HB	KSI	KSI	%	%
	c r					
WA8144 2	C L	116.00	31.56	55.88	88.84	54.88

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

QC ENGINEER

ERIC HESS

11/27/2007