



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 36145 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: STK09302007

NAS Order: IN 0034635 01

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
WA8981 9	.4925		3.486		1	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa)

Heat	CM	C	CO	CR	CU	MN	MO	N	NI	P	S	SI
2WR6	US	.0139	.0155	11.1563	.0966	.4514	.0268	.0102	.3352	.0179	.0026	.3766

MECHANICAL PROPERTIES

Product Id	l d	HBHARD	YS0.2%	UTS	RA	EL-4D	Agt	fR	SRO	
	o i	HB	KSI	KSI	%	%	%	%	%	
	c r									
WA8981 9	C L		126.00	39.13	60.52	88.11	46.88	.00	.00	1.55

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