



10694 0004 PELLUS MANUFACTURING  
 7045 INDUSTRIAL DRIVE  
 BOX 208  
 COMBER (ON) N0P 1J0

ATTENTION : Chris Peitler

FAX : (519) 687-2205

**MILL TEST CERTIFICATE**

**IVACO ROLLING MILLS LP**

A HÉICO COMPANY

P.O. BOX 322, L'ORIGINAL, ONTARIO, CANADA K0B 1K0  
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NVLAP  
 Lab Code 200143-0

P.O. Number	Order Number	Heat Number	Customer Spec.	Spec Rev. No.	Customer Part No.	Billet Order	Grade	Date Chemical Analysis Performed	16-Sep-2007
PEL3-035	20018823	W96805	1008CHQ			252051	1008AK		
									Diameter
									17.50 mm

Heat Analysis												
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	N
Spec. Min.*		.30										
Actual	.10	.43	.005	.001	.08	.04	.07	.080	.005	.002	.046	.0046
Spec. Max*	.10	.50	.040	.050								

This is to certify that heat number W96805 is in conformance with the required specifications.

This report contains analysis data that were produced under subcontract by laboratory QIT Fer et Titane, A2LA certificate number 0429-01.

Heat analysis obtained by test methods ASTM E415 and ASTM E1019.

\*Minimum and maximum refer to the required customer specification.

This is to certify that the material is in conformance with the required specifications. Radioactive emissions are at background levels.

APPROVED BY :

*Wiberg*

Supervisor, Chemistry Laboratory and Billet Inspection

ISSUED BY QUALITY ASSURANCE :

*Elmer*

Specification Clerk

Date: 5 Oct 2007

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