



MILL TEST CERTIFICATE

IVACO ROLLING MILLS LP
A HEICO COMPANY

P.O. BOX 322, L'ORIGINAL, ONTARIO, CANADA K0B 1K0
TEL: (613) 675-4671 FAX: (613) 675-6866

10694 0002 **PELLUS MANUFACTURING**
7045 INDUSTRIAL DRIVE
BOX 208
COMBER (ON) N0P 1J0



NVLAP
Lab Code 200143-0

ATTENTION: Chris Peltier

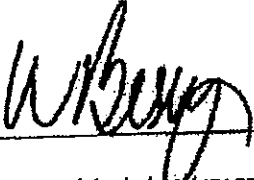
FAX: (519) 687-2205

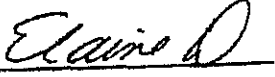
Date Rolled 26-Aug-2007 Date Chemical Analysis Performed 03-Jul-2007

P.O. Number	Order Number	Heat Number	Customer Spec.	Spec Rev. No.	Customer Part No.	Billet Order	Grade	Diameter		
PEL3-035	20019819	A88029	1018			248892	1018	15.00 mm		
Heat Analysis										
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn
Spec. Min*	.15	.60								
Actual	.18	.62	.006	.004	.17	.17	.08	.090	.022	.014
Spec. Max*	.20	.90	.040	.050						

This is to certify that heat number A88029 is in conformance with the required specifications.

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: 
Supervisor, Chemistry Laboratory and Billet Inspection

ISSUED BY QUALITY ASSURANCE: 
Date: 27 Aug 2007 Specification Clerk

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