



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

ATTENTION : Chris Peltier

**MILL TEST CERTIFICATE**

**IVACO ROLLING MILLS LP**  
A HEICO COMPANY

P.O. BOX 322, L'ORIGINAL, ONTARIO, CANADA K0B 1K0  
 TEL.: (613) 875-4671 FAX: (613) 875-6866



**NVLAP**  
Customer's Trade  
 Membership Agency - Toronto

Lab Code 200143-0

FAX : (519) 687-2205

P.O. Number	Order Number	Heat Number	Customer Spec.	Spec Rev. No.	Customer Part No.	Billet Order	Grade	Date Chemical Analysis Performed	Diameter	
PEL3-035	20020084	A89133	1018			254090	1018	02-Oct-2007	15.00 mm	
<b>Heat Analysis</b>										
Spec. Min*	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sh
	.15	.60								
Actual	.16	.65	.009	.004	.21	.19	.06	.100	.017	.018
Spec. Max*	.20	.90	.040	.050						

This is to certify that heat number A89133 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 :

*W. B. [Signature]*

Supervisor, Chemistry Laboratory and Billet Inspection

ISSUED BY QUALITY ASSURANCE :

Date: 7 Nov 2007

*E. [Signature]*  
 Specification Clerk