



10727 0002 PELLUS MANUFACTURING  
 DEBTOR-IN-POSSESSION  
 7045 INDUSTRIAL DRIVE BOX 208  
 COMBER (ON) N0P 1J0

ATTENTION : Bernie Dupuis

FAX : (519) 687-6337

**MILL TEST CERTIFICATE**

**IVACO ROLLING MILLS LP**

HEICO COMPANY

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



Lab Code 200143-0

P.O. Number PEL3-D35	Order Number 20021307	Heat Number A93638	Customer Spec. 1018	Spec Rev. No.	Customer Part No.	Date Rolled 10-Jul-2008	Chemical Analysis Performed 1018	Grade 1018	ISQ	Diameter 15.00 mm
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Heat Analysis														
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	N	B	V
Spec. Min*	.15	.60												
Actual	.16	.69	.012	.008	.17	.18	.06	.130	.013	.009	.004	.0077	.0000	.003
Spec. Max*	.20	.90	.040	.050										

This is to certify that heat number A93638 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 :

*Wiberg*

Supervisor, Chemistry Laboratory and Billet Inspection

ISSUED BY QUALITY ASSURANCE :  
 Date: 22 Aug 2008

*Wiberg*  
 Specification Clerk

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