



MILL TEST CERTIFICATE

IVACO ROLLING MILLS LP
A HEICO COMPANY

10894 0002 **PELLUS MANUFACTURING**
7045 INDUSTRIAL DRIVE
BOX 208
COMBER (ON) N0P 1J0

P.O. BOX 322, L'ORIGNAL, ONTARIO, CANADA K0B 1K0
TEL.: (613) 675-4871 FAX: (613) 675-6866



Lab Code 200143-0

ATTENTION : Bernie Dupuis

FAX : (519) 687-6337

Date Rolled 11-Apr-2008

Date Chemical Analysis Performed 10-Apr-2008

P.O. Number	Order Number	Heat Number	Customer Spec.	Spec Rev. No.	Customer Part No.	Billet Order	Grade	Diameter						
PEL3-035	20020566	A92164	1018			263377	1018	15.00 mm						
Heat Analysis														
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	N	B	V
Spec. Min "	.15	.60												
Actual	.19	.73	.007	.014	.21	.18	.07	.050	.018	.013	.005	.0079	.0001	.002
Spec. Max "	.20	.90	.040	.050										

This is to certify that heat number A92164 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: 15 Apr 2008

Specification Clerk

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