



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

ATTENTION : Bernie Dupuis

FAX : (519) 667-6337

MILL TEST CERTIFICATE



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



Lab Code 200143-0

Date Rolled 25-Apr-2008 Date Chemical Analysis Performed 18-Apr-2008

P.O. Number	Order Number	Heat Number	Customer Spec.	Spec Rev. No.	Customer Part No.	Billet Order	Grade	Diameter
PEL3-035	20020980	A92297	1018			263874	1018 IQ	12.00 mm

Heat Analysis														
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	N	B	V
Spec. Min*	.15	.60												
Actual	.15	.68	.007	.014	.21	.18	.10	.150	.023	.011	.004	.0069	.0000	.000
Spec. Max*	.20	.90	.040	.050										

This is to certify that heat number A92297 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.

Wilson

APPROVED BY :

ISSUED BY QUALITY ASSURANCE :

Supervisor, Chemistry Laboratory and Billet Inspection

Date: 2 May 2008

Specification Clerk

This certificate shall not be reproduced except in full, without the written approval of Ivaco Rolling Mills LP, a Heico Company. This certificate is not to be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. NVLAP only covers the chemistry presented within this certificate. All other data is not covered by the NVLAP accreditation.