



MILL TEST CERTIFICATE

IVACO ROLLING MILLS LP
A HEISCO COMPANY

P.O. BOX 322, L'ORIGINAL, ONTARIO, CANADA K0B 1K0
TEL: (613) 675-4671 FAX: (613) 675-5856

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

ATTENTION : Bernie Dupuis
FAX : (519) 687-6337



NVLAP
Lab Code 200143-0

P.O. Number	Order Number	Heat Number	Customer Spec.	Spec Rev. No.	Customer Part No.	Date Rolled	Date Chemical Analysis Performed	Grade	Diameter
PEL3-035	20020566	A91766	1018			21-Mar-2008	18-Mar-2008	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	.15	.65	.007	.011	.19	.15	.06	.070	.015	.008	.004	.0085	.0000	.000
Spec. Max*	.20	.90	.040	.050										

This is to certify that heat number A91766 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: *Elaine Demers*
Date: 9 Apr 2008
Specification Clerk

This certificate shall not be reproduced except in full, without the written approval of Ivaco Rolling Mills LP, a Heisco 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.