



10694 0001 PELLUS MANUFACTURING
 7045 INDUSTRIAL DRIVE
 BOX 208
 COMBER (ON) NDP 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) 675-4871 FAX: (613) 675-6866



NVLAP

Lab Code 200143-0

P.O. Number	Order Number	Heat Number	Customer Spec.	Spec Rev. No.	Customer Part No.	Billet Order	Grade	Diameter
PEL3-035	20020484	A90761	1010IQ			258984	1010	13.50 mm
Date Rolled	01-Feb-2008	Date Chemical Analysis Performed	12-Jan-2008					

Heat Analysis

	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	N	B	V
Spec. Min*	.08	.30												
Actual	.10	.44	.004	.004	.15	.24	.10	.050	.021	.018	.004	.0090	.0000	.000
Spec. Max*	.13	.60	.040	.050										

This is to certify that heat number A90761 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: 4 Feb 2008

Elmido
 Specification Clerk

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