



MILL TEST CERTIFICATE

IVACO ROLLING MILLS LP

P.O. BOX 322, L'ORIGINAL, ONTARIO, CANADA K0B 1K0

TEL: (613) 675-4671 FAX: (613) 675-6866

10694 0001 **PELLUS MANUFACTURING**

7045 INDUSTRIAL DRIVE

BOX 208

COMBER (ON) N0P 1J0

ATTENTION : Chris Peltier

FAX : (519) 687-2205



Lab Code 200143-0

Date Rolled 08-Oct-2007

Date Chemical Analysis Performed

06-Oct-2007

P.O. Number	Order Number	Heat Number	Customer Spec.	Spec Rev. No.	Customer Part No.	Billet Order	Grade	Diameter
PEL3-035	20020077	A89199	1010IQ			252654	1010	13.50 mm

Heat Analysis

	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn								
Spec. Min*	.08	.30																
Actual	.09	.48	.007	.013	.13	.19	.07	.060	.016	.014								
Spec. Max*	.13	.60	.040	.050														

This is to certify that heat number A89199 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: 10 Oct 2007

Specification Clerk

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