

MILL TEST CERTIFICATE

IVACO ROLLING MILLS LP

A HEICO COMPANY

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

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

10727 0002 **PELLUS MANUFACTURING**

DEBTOR-IN-POSSESSION

7045 INDUSTRIAL DRIVE BOX 208

COMBER (ON) N0P 1J0

ATTENTION : Bernie Dupuis

FAX : (519) 687-6337



Lab Code 200143-0

Date Rolled 18-Mar-2009

Date Chemical Analysis Performed

01-Mar-2009

P.O. Number	Order Number	Heat Number	Customer Spec.	Spec Rev. No.	Customer Part No.	Billet Order	Grade	Diameter
PEL3-035	20021603	W14204	1018			277875	1018 ISQ	9.00 mm

Heat Analysis

	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	N	B	V							
Spec. Min *	.15	.60																			
Actual	.16	.71	.003	.010	.19	.04	.07	.050	.005	.003	.001	.0031	.0001	.006							
Spec. Max*	.20	.90	.040	.050																	

This is to certify that heat number W14204 is in conformance with the required specifications.


This report contains analysis data that were produced under subcontract by laboratory QIT Fer et Titane, A2LA certificate number 0429-01.

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: 19 Mar 2009 Specification Clerk

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