

10694 0001 **PELLUS MANUFACTURING**
 7045 INDUSTRIAL DRIVE
 BOX 208
 COMBER (ON) N0P 1J0

ATTENTION : Bernie Dupuis

FAX : (519) 687-6337

MILL TEST CERTIFICATE

IVACO ROLLING MILLS LP

P.O. BOX 322, LORRIGAN, ONTARIO, CANADA K0B 1K0
 TEL: (513) 675-4871 FAX: (513) 675-8866




Lab Code 200143-0

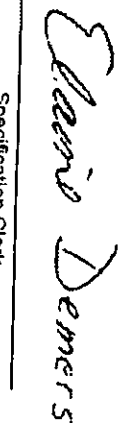
P.O. Number	Order Number	Heat Number	Customer Spec.	Spec Rev. No.	Customer Part No.	Billet Order	Grade	Diameter					
PEL3-035	20020678	A91677	101010			262032	1010	13.50 mm					
Heat Analysis													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	N	B	V
Spec Min*	.08	.30											
Actual	.10	.41	.006	.002	.19	.14	.06	.070	.022	.009	.004	.0088	.0000
Spec Max*	.13	.60	.040	.050									

This is to certify that heat number A91677 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: 

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.