

ISO 9001:2008, ISO 14001:2004 AND OHSAS 18001:2007 REGISTERED

SIVACO Ontario

a Division of SIVACO Wire Group L.P.

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Physical Test Report

WORK ORDER **062940**

HEAT NUMBER **A04353**

SALES ORDER / RLS 038508 / 3 CERT ID / REV 00022916 / 01

SOLD TO

G & R Forging 7072 Smith Industrial Drive McGregor, ON N0R 1J0 Canada

CUSTOMER P.O	-	CUSTOMER F 12.00-1018	PART		QUANTITY 10,046 lbs			S LADING NO 3 00046849		SHIPMENT DATE 03/25/2011	
SPECIFICATION PIQ1018120-20M 12.00mm (0.4720") 1018 Mod. IQ, Clean/Coat, Clean/Lime, G&R Cold Forging, 7213.91.6000 Hot Rolled Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60%											
CUSTOMER RE	QUIREMENT	rs									
				Chemical	(value of	9 = n/a)					
C .1600	Mn .7000	P .0170	s .0120	si .1900	Cu .2300	Ni .0700	.10	Cr Mo 00 .0230	Sn .0110	Al .0040	
B .0001	v .0020	N .0082									
				End of	f Certification						

End of Certification

I attest that the results are a true and correct copy of the records prepared and maintained by SIVACO Ontario in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier. This test report cannot be reproduced or distributed, except in full, without the written permission of SIVACO Ontario.

Authorized by: Graham Benoit, QA Manager