

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 074248

HEAT NUMBER A07994

SALES ORDER / RLS 046574 / 2 CERT ID / REV 00034465 / 01

SOLD TO

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

CUSTOMER P.O. CUSTOMER PART			PART	T QUANTITY 16,570 lbs			COILS LADING NO 4 00052241			SHIPMENT DATE 04/28/2012	
SPECIFICATION PIQ1018130-15M 13.00mm (0.5118") 1018 IQ, Clean/Coat, Clean/Lime (MOD), G&R Cold Forging, 7213.91.6000 Hot Rolled Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60%											
CUSTOMER RE	EQUIREMENT	ΓS									
				Chemical	(value of 9	9 = n/a)					
C .1600	Mn .7100	P .0090	s .0130	si .2200	Cu .1600	Ni .0700	.1	Cr .600	Mo .0230	Sn .0080	A1 .0030
B .0003	v .0010	N .0071									
				End o	f 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: Gary Allard, QA Manager