

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

SIVACO Ontario

a Division of SIVACO Wire Group L.P.

330 Thomas Street PO Box 220 Ingersoll, Ontario CANADA N5C 3K5

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Physical Test Report

WORK ORDER **084760**

HEAT NUMBER **A11488**

SALES ORDER / RLS 054046 / 2 CERT ID / REV 00046873 / 01

SOLD TO

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

CUSTOMER P.C Stock	D. CUSTOMER PART							ILS LADING NO 12 00058132		SHIPMENT DATE 07/04/2013	
SPECIFICATION PIQ101814.3-03S 14.30mm (0.5630") 1018 KP, Stress Relieve, Clean/Lime, G&R Cold Forging, CUSTOMER REQUIREMENTS											
C .1700	Mn .6600	P .0120		si .2400	Cu .1200	Ni .0500	Cr .1300	Mo .0140	Sn .0080	Al .0050	
.0000	v .0040	N .0048									
				Mechan	ical - Tag [Detail					
67529109A 67529109B 67529110A 67529111A 67529111B 67529112A 67529112B 67529113A 67529113B 67529114A 67529114B		DIAS .561 .560 .560 .562 .562 .561 .561 .561	UTSs								
				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