

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 076301

HEAT NUMBER A10106 SALES ORDER / RLS 048111 / 1 CERT ID / REV 00037776 / 01

SOLD TO

G & R Forging 7072 Smith Industrial Drive McGregor, ON NOR 1J0 Canada

CUSTOMER P.O. CUSTOMER PART					QUANTITY COILS LADING NO 27,654 lbs 14 00053781				SHIPMENT DATE 08/24/2012	
SPECIFICATION PIQ101814.3-03 14.30mm (0.5630") 1018 KP, Stress Relieve, Clean/Lime, G&R Cold Forging, CUSTOMER REQUIREMENTS										
С	Mn	Р	S	Si	Cu	Ni	Cr		Sn	Al
.1700	.6600	.0090	.0090	.1900	.1400	.0500	.0800	.0100	.0080	.0030
В	v	N								
.0003	.0010	.0074								
				Mechan	ical - Tag I	Detail				
		DIAs	UTSs							
349550131A			52702							
349550131B			52702							
349550151A			52475							
349550151B			52475							
349550161A			53511							
349550161B			53511							
349550171A 349550171B			53162 53162							
349550171B 349550181A			54283							
349550181B			54283							
349550191A			52274							
349550191B			52274							
349550201A			54320							
349550201B		.561 (54320							
				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: Gary Allard, QA, Manager