

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 **079158**

HEAT NUMBER W31289

SALES ORDER / RLS 050141 / 2 CERT ID / REV 00040348 / 01

SOLD TO

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

CUSTOMER P.O. CUSTOMER PART STOCK					QUANTITY COILS LADING NO 8,080 lbs 4 00054975			SHIPMENT DATE 11/30/2012		
SPECIFICATION PIQ101814.3-03S 14.30mm (0.5630") 1018 KP, Stress Relieve, Clean/Lime, G&R Cold Forging,										
CUSTOMER REC	UIREMEN	TS								
				Chemical	(value of 9) = n/a)				
С .1700 В	Mn .6700 V	P .0070 N	.0040	si .1500	Cu .0400	Ni .0700	Cr .0600	Mo .0040	Sn .0020	Al .0020
.0001	.0070	.0073								
				Mechan	ical - Tag [Detail				
389350101A 389350101B 389350151A 389350151B		.565 .560	UTSs 64619 64619 60901 60901							
				End of	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