

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 **083451**

HEAT NUMBER A11341

SALES ORDER / RLS 053148 / 1 CERT ID / REV 00044238 / 01

SOLD TO

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

CUSTOMER P.C STOCK					QUANTITY 19,674 lbs		COILS LADING NO 10 00056763		SHIPMENT DATE 04/10/2013	
SPECIFICATION PIQ101814.3-03S 14.30mm (0.5630") 1018 KP, Stress Relieve, Clean/Lime, G&R Cold Forging,										
CUSTOMER REG	QUIREMEN	TS								
				Chemical	(value of 9) = n/a)				
C	Mn	1		Si	Cu	Ni	Cr		Sn	Al
.1700	.6700	.0100	0 .0130	.2100	.1500	.0600	.1200	.0170	.0090	.0060
В	v	1	N							
.0000	.0040	.0063								
				Mechan	ical - Tag [Detail				
		DIAs	UTSs							
67317302A		.564	62850							
67317302B		.564	62850							
67317303A		.567	61782							
67317303B		.567	61782							
67317304A		.563	61069							
67317304B		.563	61069							
67326512A		.565	61827							
67326512B		.565 .563	61827 61069							
67326513A 67326513B		.563	61069							
07320313B		. 303	01009							
				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