

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 **085633** 

HEAT NUMBER A11920

SALES ORDER / RLS 054631 / 2 CERT ID / REV 00046058 / 01

SOLD TO

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

CUSTOMER P.O	P.O. CUSTOMER PART 13.00-1018				QUANTITY <b>16,514 lbs</b>		OILS LADING 8 00057		SHIPMENT DATE <b>06/05/2013</b>	
SPECIFICATION PIQ1018130-12 13.00mm (0.5118") 1018 IQ, Clean/Coat, Clean/Lime, G&R Cold Forging, 7213.91.6000 Hot Rolled Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60%										
CUSTOMER RE	QUIREMEN	TS								
				Chemical	(value of 9	) = n/a)				
C .1600	Mn .6400	.0180		si .1900	Cu .1700	Ni .0700	Cr .1000	Mo .0150	Sn .0060	Al .0040
.0003	v .0010	.0075								
				Mechan	ical - Tag I	Detail				
		DIAs	UTSs							
67629417A		.509	71744							
67629417B		.509	71744							
67629418A		.510 .510	72442 72442							
67629418B 67629419A		.508	73014							
67629419B			73014							
67629420A		.506	73595							
67629420B		.506	73595							
				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