

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 **082960** 

HEAT NUMBER **A11136** 

SALES ORDER / RLS 052836 / 3 CERT ID / REV 00043573 / 01

SOLD TO

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

CUSTOMER P.O. CUSTOMER PART 13.00-1018					QUANTITY COILS LADING NO <b>8,010 lbs 4 00056461</b>			SHIPMENT DATE <b>03/20/2013</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 .1800	Mn .6700	P .0090	s .0150	si .2000	Cu .1200	Ni .0600	Cr .0800	Mo .0140	Sn .0080	Al .0040
B .0000	v .0050	N .0085								
				Mechani	ical - Tag [	Detail				
67283301A 67283301B 67283302A 67283302B		.513 7 .513 7 .510 7	UTSs 4504 4504 3421 3421	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