

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 **070441** 

HEAT NUMBER W26419

SALES ORDER / RLS 043771 / 2 CERT ID / REV 00030766 / 01

SOLD TO

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

CUSTOMER P.O	R P.O. CUSTOMER PART <b>12.00-1018</b>				QUAN <b>7,786</b>			ADING NO <b>0050491</b>		SHIPMENT DATE <b>01/04/2012</b>	
SPECIFICATION PIQ1018120-20 12.00mm (0.4720") 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	ITS									
Chemical (value of 9 = n/a)											
C .1600	Mn .7200	P .0080		si .1800	Cu .0400	Ni .0400	.050	Cr Mo 00 .0080	Sn .0040	Al .0030	
.0001	v .0030	N .0038									
				Mechan	ical - Tag [	Detail					
645112-1A 645112-1B 645112-2A 645112-2B		DIAs .465 .465 .467	UTSs								
				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