

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 **073552** 

HEAT NUMBER W29235

SALES ORDER / RLS 046046 / 2 CERT ID / REV 00035794 / 01

SOLD TO

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

14.30mm (0.5630") 1018 AKCHQ, Clean/Coat, Clean/Lime, G&R Cold Forging, 7213.99.0030 Hot Rolled Rods Dia.>=14.0mm (0.551") but <19.0mm (0.748"), Further Processed or Not										
CUSTOMER REQUIREMENTS										
				Chemical (	value of 9 =	n/a)				
C .180	Mn .75	P .014	s .003	si .07	Cu .03	Ni .06	Cr .05	Mo .005	Sn .002	Al .029
.0000	v .009	N .0024								
				Mechanic	al - Tag Det	ail				
31712001			TSs 118							
				End of 0	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