

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 **058606**

HEAT NUMBER **A02628**

SALES ORDER / RLS 035551 / 2 CERT ID / REV 00019265 / 01

SOLD TO

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

CUSTOMER P.O.	CUSTOMER PART 13.50-1018	QUANTITY 9,544 lbs	COILS LADING NO 3 00045242	SHIPMENT DATE 11/18/2010						
SPECIFICATION PIQ1018135-16 13.50mm (0.5310") 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 REQUIREMENTS

L	Chemical (value of 9 = n/a)											
	C .1700	Mn .6400	P .0120	s .0060	si .1900	Cu .2200	Ni .0900	Cr .1300	Mo .0210	Sn .0110	Al .0030	
	B .0000	V .0010	N .0064									

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: Graham Benoit, QA Manager