

ISO 9001:2000, 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 054492

HEAT NUMBER A02069

SALES ORDER / RLS 032747 / 2 CERT ID / REV 00015104 / 01

SOLD TO

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

CUSTOMER P.O.	CUSTOMER PART 13.50-1018	QUANTITY 6,660 lbs	COILS 2	LADING NO 00043442	SHIPMENT DATE 06/25/2010
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					
Chemical (value of 9 = n/a)					

Cu

.2000

Νi

.0700

 \mathtt{Cr}

.0800

Mo

.0160

Sn

.0100

Αl

.0030

.6300 В N .0000 .0000 .0066

Mn

P

.0080

S

.0110

C

.1700

End of Certification

Si

.1700

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