



SIVACO
ONTARIO
A HEICO COMPANY

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
(519) 485-4150 Fax (519) 485-3039

Physical Test Report

WORK ORDER
084076

HEAT NUMBER
A11299

SALES ORDER / RLS
053596 / 3

CERT ID / REV
00044888 / 01

SOLD TO

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

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	COILS	LADING NO	SHIPMENT DATE					
		8,258 lb	4	00057126	05/01/2013					
SPECIFICATION WIQ10180.562-00										
0.5620" (14.2748mm) 1018 IQ, Direct Draw, Clean/Lime, G&R Cold Forging										
CUSTOMER REQUIREMENTS										
Chemical (value of 9 = n/a)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.170	.68	.012	.013	.26	.19	.07	.12	.019	.010	.005
B	V	N								
.0000	.004	.0076								
Mechanical - Tag Detail										
	DIAs	UTSs								
67322716A	.563	72318								
67322716B	.563	72318								
67322717A	.563	71515								
67322717B	.563	71515								
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