



SIVACO
ONTARIO
A HEICO COMPANY

ISO 9001:2000, 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
047512

LOT NUMBER
A97404

SALES ORDER / RLS
028091 / 1

CERT ID / REV
00009481 / 01

SOLD TO

G & R Forging
7072 Smith Industrial Dr
McGregor, ON N0R 1J0
Canada
Attn: Quality Assurance

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	COILS	LADING NO	SHIPMENT DATE					
		3,315 lbs	1	00040602	11/16/2009					
SPECIFICATION PIQ1018143-04										
14.30mm (0.5620") 1018 IQ, Clean/Coat, Clean/Lime, G&R Cold Forging, 7213.99.0030										
CUSTOMER REQUIREMENTS										
Chemical (value of 9 = n/a)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.1700	.6600	.0110	.0100	.1900	.1800	.0600	.1100	.0250	.0100	.0030
B	V	N								
.0001	.0000	.0074								
Mechanical - Tag Detail										
047512-001	DIAs	UTSs								
	.565	74192								
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