



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
071585

HEAT NUMBER
A07389

SALES ORDER / RLS
044596 / 5

CERT ID / REV
00031907 / 02

SOLD TO

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

CUSTOMER P.O.	CUSTOMER PART	QUANTITY 4,166 lbs	COILS 1	LADING NO 00051020	SHIPMENT DATE 02/08/2012					
SPECIFICATION PIQ1018070-01M 7.00mm (0.2755") 1018 IQ, Clean/Coat, Clean/Lime (MOD), 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)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.1700	.7200	.0100	.0130	.2200	.2000	.0800	.0500	.0240	.0110	.0050
B	V	N								
.0002	.0010	.0082								
Mechanical - Tag Detail										
		DIAs	UTSS							
646160-19										
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