



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
075770

HEAT NUMBER
A09024

SALES ORDER / RLS
047704 / 4

CERT ID / REV
00036224 / 01

SOLD TO

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

| | | | | | | | | | | |
|--|---------------|------------------------------|-------------------|------------------------------|------------------------------------|-----------|-----------|-----------|-----------|-----------|
| CUSTOMER P.O. | CUSTOMER PART | QUANTITY 3,982 lbs | COILS 1 | LADING NO 00053041 | SHIPMENT DATE 06/28/2012 | | | | | |
| SPECIFICATION PIQ1018090-01M 9.00mm (0.3543") 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 |
| .1600 | .6200 | .0090 | .0170 | .2200 | .1700 | .0900 | .0600 | .0260 | .0090 | .0040 |
| B | V | N | | | | | | | | |
| .0001 | .0050 | .0066 | | | | | | | | |
| 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