

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 **061471** 

HEAT NUMBER A04210

SALES ORDER / RLS 037454 / 3 CERT ID / REV 00021968 / 01

SOLD TO

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

|  |            |                                |       |             | 3,330       | lbs       | 1 00040   | 5409    | 02/24/2011 |       |
|--|------------|--------------------------------|-------|-------------|-------------|-----------|-----------|---------|------------|-------|
| ECIFICATIO   | -          | 018070-01 <b>1</b><br>NO Clean |       | an/I ime (M | IOD), G&R   | Cold Ford | nina 7213 | 91 6000 |            |       |
|  |            |                                |       |             |             |           |           | 31.0000 |            |       |
| ot Rolled Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60% |            |                                |       |             |             |           |           |         |            |       |
| STOMER RE  | QUIREMENT  | rs                             |       |             |             |           |           |         |            |       |
|  |            |                                |       |             |             |           |           |         |            |       |
|  |            |                                |       | Chemical    | (value of 9 | 9 = n/a)  |           |         |            |       |
| С  | Mn         | P                              | s     | si          | Cu          | Ni        | Cr        | Mo      | Sn         | Al    |
| 1.000  | .6800      | .0140                          | .0130 | .2400       | .1400       | .0600     | .1400     | .0180   | .0080      | .0050 |
| .1600  |            |                                |       |             |             |           |           |         |            |       |
| .1600<br>B   | v          | N                              |       |             |             |           |           |         |            |       |
|  | v<br>.0010 | N<br>.0090                     |       |             |             |           |           |         |            |       |

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