

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

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Physical Test Report

WORK ORDER **088485**

HEAT NUMBER A12007

SALES ORDER / RLS 056234 / 2 CERT ID / REV 00049097 / 01

SOLD TO

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

| CUSTOMER P.O. CUSTOMER PART | | | | | QUANTITY COILS LADING NO 7,796 lbs 4 00059275 | | | SHIPMENT DATE 09/19/2013 | | |
|--|-------------|------------------------------|--|----------|--|-------------|-------------|---------------------------------|-------------|-------------|
| SPECIFICATION PIQ101814.3-03S 14.30mm (0.5630") 1018 KP, Stress Relieve, Clean/Lime, G&R Cold Forging, | | | | | | | | | | |
| CUSTOMER REG | QUIREMEN | TS | | | | | | | | |
| | | | | Chemical | (value of 9 |) = n/a) | | | | |
| C .1700 | Mn .6800 | | P S | | Cu .1500 | Ni .0700 | Cr .1100 | Mo .0170 | Sn .0100 | Al .0040 |
| B .0000 | v .0020 | .008 | N 2 | | | | | | | |
| | | | | Mechan | ical - Tag [| Detail | | | | |
| 68032206A 68032206B 68032209A 68032209B | | DIAS .562 .562 .559 | UTSs 63281 63281 63570 63570 | | | | | | | |
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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