

ISO 9001:2000, ISO 14001:2004 AND OHSAS 18001:2007 REGISTERED

SIVACO Ontario

a Division of SIVACO Wire Group L.P.

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Physical Test Report

WORK ORDER **050916**

LOT NUMBER
A00287

SALES ORDER / RLS 030341 / 6 CERT ID / REV 00012218 / 01

SOLD TO

Windsor Machine & Stamping (US) Ltd 26655 NorthLine Road Taylor, MI 48180 United States Attn: Quality Assurance

CUSTOMER P.O. CUSTOMER PART **QUANTITY** COILS LADING NO SHIPMENT DATE 12.00-1018 IQ 9,970 lbs 3 00042134 03/11/2010 PIQ1018120-01 **SPECIFICATION** 12.00mm (0.4724") 1018 IQ, Clean/Coat, Clean/Lime, Windsor Machine & Stamping Ltd, 7213.91.6000 CUSTOMER REQUIREMENTS Chemical (value of 9 = n/a) C Mn P S Si Cu Νi \mathtt{Cr} Mo Sn Αl .1600 .6500 .0130 .0130 .2200 .1800 .0700 .1200 .0320 .0090 .0040 в v N .0001 .0020 .0048 **Dimensional TEST UNITS** HIGH LOW **AVERAGE** Diameter (inch) in .476 .468 0.471

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