



SIVACO
ONTARIO
A HEICO COMPANY

ISO 9001:2000, 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
044004

LOT NUMBER
A96891

SALES ORDER / RLS
025805 / 1

CERT ID / REV
00007910 / 01

SOLD TO

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

CUSTOMER P.O. 522	CUSTOMER PART	QUANTITY 19,370 lbs	COILS 6	LADING NO 00038940	SHIPMENT DATE 09/11/2009					
SPECIFICATION PIQ1018130-08 13.00mm (0.5118") 1018 IQ, Clean/Coat, Clean/Phos/Lube, Windsor Machine & Stamping Ltd, 7213.91.6000										
CERTIFICATION REQUIREMENTS										
Chemical (value of 9 = n/a)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.1600	.6800	.0080	.0110	.1900	.1800	.0800	.1500	.0220	.0160	.0050
B	V	N								
.0000	.0030	.0058								
Mechanical - Summary										
<u>TEST</u>	<u>UNITS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>						
Diameter (inch)	in	.513	.510	0.512						
Tensile (psi)	psi	75279	70634	72690						
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