



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
071768

HEAT NUMBER
A00238

SALES ORDER / RLS
044718 / 4

CERT ID / REV
00031945 / 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					
	FLEXIBLE	2,606 lbs	1	00051064	02/09/2012					
SPECIFICATION PIQ1018150-01M										
15.00mm (0.5906") 1018 IQ, Clean/Coat, Clean/Lime (MOD), Windsor Machine & Stamping (US, 7213.99.0030										
Hot Rolled Rods Dia. >=14.0mm (0.551") but <19.0mm (0.748"), Further Processed or Not										
CUSTOMER REQUIREMENTS										
Chemical (value of 9 = n/a)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.1700	.7000	.0090	.0090	.1800	.2300	.0600	.0800	.0230	.0080	.0040
B	V	N								
.0000	.0020	.0074								
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