



ISO 9001:2008, 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
089862

HEAT NUMBER
A13104

SALES ORDER / RLS
056192 / 1

CERT ID / REV
00050317 / 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 8,244 lbs	COILS 4	LADING NO 00059921	SHIPMENT DATE 10/28/2013					
SPECIFICATION PIQ101012.5-00 12.50mm (0.4921") 1010 ISQ, Clean/Coat, Clean/Lime, Windsor Machine & Stamping (US, 7213.91.6000 Hot Rolled Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60%										
CUSTOMER REQUIREMENTS										
Chemical (value of 9 = n/a)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.0900	.4000	.0080	.0060	.1900	.1700	.0600	.0800	.0390	.0090	.0050
B	V	N								
.0000	.0010	.0090								
Mechanical - Summary										
<u>TEST</u>	<u>UNITS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>						
Diameter (inch)	in	.489	.485	0.487						
Tensile (psi)	psi	???????????????	?????????????????	?????????????????						
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