



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
091433

HEAT NUMBER
A12964

SALES ORDER / RLS
057509 / 1

CERT ID / REV
00051367 / 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 4,092 lbs	COILS 2	LADING NO 00060402	SHIPMENT DATE 11/29/2013					
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
.0800	.3500	.0140	.0150	.1600	.2100	.0700	.1300	.0260	.0090	.0080
B	V	N								
.0000	.0030	.0061								
Mechanical - Summary										
<u>TEST</u>	<u>UNITS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>						
Diameter (inch)	in	.489	.489	0.489						
Tensile (psi)	psi	61235	61235	61235						
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