

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 **083076**

HEAT NUMBER **A11299**

SALES ORDER / RLS 052778 / 3 CERT ID / REV 00044600 / 01

SOLD TO

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

CUSTOMER P.C	MER P.O. CUSTOMER PART			QUANT 8,150 I					SHIPMENT DATE 04/22/2013	
SPECIFICATION 15.00mm (0.5 Hot Rolled Re	906") 101								9.0030	
CUSTOMER REC	QUIREMENT	-S								
			C	Chemical (value of 9	= n/a)				
C .170	Mn .68	P .012	s .013	Si .26	Cu .19	Ni .07	Cr .12	Mo .019	Sn .010	A1 .005
.0000	V .004	N .0076								
				Mechanic	cal - Summ	ary				
TEST Diameter (inch)		<u>U</u> iı	<u>INITS</u> 1			<u>HIGH</u> . 592		<u>LOW</u> .587	<u>AVERAGE</u> 0.590	
Tensile (psi)		psi				72062		70105		71081
				End of 0	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