



**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  
**058151**

HEAT NUMBER  
**A03240**

SALES ORDER / RLS  
**035262 / 6**

CERT ID / REV  
**00018924 / 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					
	<b>12.0mm 1018 KP</b>	<b>6,508 lbs</b>	<b>2</b>	<b>00045120</b>	<b>11/08/2010</b>					
SPECIFICATION <b>PIQ1018120-24KP</b>										
<b>12.00mm (0.4724") 1018 KP, Clean/Coat, Clean/Lime, Windsor Machine &amp; Stamping (US, 7213.99.0030</b>										
CUSTOMER REQUIREMENTS										
<b>Chemical (value of 9 = n/a)</b>										
<b>C</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Si</b>	<b>Cu</b>	<b>Ni</b>	<b>Cr</b>	<b>Mo</b>	<b>Sn</b>	<b>Al</b>
.1700	.7500	.0100	.0100	.1900	.1100	.0500	.1000	.0190	.0080	.0040
<b>B</b>	<b>V</b>	<b>N</b>								
.0000	.0020	.0070								
<b>Mechanical - Tag Detail</b>										
	<b>DIAs</b>	<b>UTSs</b>								
058151-002	.472	74286								
058151-003	.475	71670								
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