



ISO 9001:2000, ISO 14001:2004 AND OHSAS 18001:2007 REGISTERED

**SIVACO Ontario**  
 a Division of SIVACO Wire Group L.P.  
 330 Thomas Street  
 PO Box 220  
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 N5C 3K5  
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# Physical Test Report

WORK ORDER  
**051281**

LOT NUMBER  
**A00713**

SALES ORDER / RLS  
**030582 / 3**

CERT ID / REV  
**00012488 / 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>16,686 lbs</b>	<b>5</b>	<b>00042244</b>	<b>03/22/2010</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	.6700	.0050	.0080	.1700	.0700	.0400	.0600	.0160	.0050	.0040
<b>B</b>	<b>V</b>	<b>N</b>								
.0000	.0000	.0057								
<b>Mechanical - Tag Detail</b>										
	<b>DIAs</b>	<b>UTSs</b>								
051281-001	.474	68555								
051281-002	.474	68555								
051281-003	.472	69714								
051281-004	.472	69714								
051281-005	.474	68555								
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