

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 **060268** 

HEAT NUMBER **A03232** 

SALES ORDER / RLS 036648 / 3 CERT ID / REV 00020943 / 01

SOLD TO

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

CUSTOMER P.O. CUSTOMER PART 12.0mm 1018 KP					QUAN <b>32,600</b>		10 00046		SHIPMENT DATE <b>01/21/2011</b>		
SPECIFICATION PIQ1018120-24KP 12.00mm (0.4724") 1018 KP, Clean/Coat, Clean/Lime, Windsor Machine & Stamping (US, 7213.99.0030 Hot Rolled Rods Dia.>=14.0mm (0.551") but <19.0mm (0.748"), Further Processed or Not											
CUSTOMER REC	QUIREMEN	ITS									
				Chemical	(value of 9	) = n/a)					
C .1700	Mn .7300	.011	P S 0 .0120	si .2500	Cu .1100	Ni .0500	Cr .1100	Mo .0190	Sn .0070	Al .0050	
B .0001	v .0020	.008	N 0								
				Mechan	ical - Tag [	Detail					
		DIAs	UTSs								
060268-001		.473	73421								
060268-002		.472	73714								
060268-003		.472	70857								
060268-004		.472	71429								
060268-005		.471	74627								
060268-006		.473	71144								
060268-007		.471 .473	72331								
060268-008 060268-009		.473	71713 71713								
060268-010		.473	72851								
				End o	f 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