

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 066272

HEAT NUMBER A04644 SALES ORDER / RLS 040753 / 2 CERT ID / REV 00026228 / 01

SOLD TO

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

		12.0mm 1018 KP			26,862	105	8 00048	0213	07/27/2011	
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 §	) = n/a)				
C .1500	Mn .6500	Р .0090	s .0110	si .1800	Cu .1100	Ni .0500	Cr .0700	Mo .0190	Sn .0080	Al .0030
B .0000	v 0000.	N .0070								
				Mechan	ical - Tag l	Detail				
066272-003 066272-004 066272-005 066272-006 066272-007 066272-008 066272-009 066272-010		.472 ( .473 ) .472 ( .473 ( .474 ( .472 (	UTSS 70893 69714 70006 69143 68298 69688 69714 71183							
				End of	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