

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 074738

HEAT NUMBER **A08080** SALES ORDER / RLS **046954 / 6** CERT ID / REV **00035209 / 01** 

SOLD TO

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

		12.0mm 1018 KP			11,874 lbs 6			00052535		05/23/2012	
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 RE	QUIREMEN	TS									
				Chemical	(value of 9	= n/a)					
C .1600	Mn .6500	P .0050	s .0160	si 1900.	Cu .1300	Ni .0600	Cr .0500	Мо .0190	Sn .0110	Al .0040	
B .0002	v 0000.	N .0077									
				Mechani	ical - Tag [	Detail					
73400111A 73400111B 73400121A 73400121B 73400131A 73400131B		.472 7: .472 7: .475 6; .475 6; .475 7:	UTSS 1429 1429 8849 8849 1388 1388								
				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: Gary Allard, QA Manager