



SIVACO
ONTARIO
A HEICO COMPANY

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
Ingersoll, Ontario CANADA
N5C 3K5
(519) 485-4150 Fax (519) 485-3039

Physical Test Report

WORK ORDER
055395

HEAT NUMBER
A02094

SALES ORDER / RLS
033383 / 3

CERT ID / REV
00016098 / 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					
	12.0mm 1018 KP	20,012 lbs	6	00043867	08/06/2010					
SPECIFICATION PIQ1018120-24KP										
12.00mm (0.4724") 1018 KP, Clean/Coat, Clean/Lime, Windsor Machine & Stamping (US, 7213.99.0030										
CUSTOMER REQUIREMENTS										
Chemical (value of 9 = n/a)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.19	.68	.008	.011	.19	.13	.05	.090	.014	.008	.006
B	V	N								
.0000	.005	.0080								
Mechanical - Tag Detail										
	DIAs	UTSs								
055395-001	.469	71759								
055395-002	.469	72338								
055395-003	.472	70857								
055395-004	.470	71470								
055395-005	.469	69444								
055395-006	.469	69444								
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