



SIVACO
ONTARIO
A HEICO COMPANY

ISO9001:2000 and ISO14001:2004 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
039190

LOT NUMBER
A94728

SALES ORDER / RLS
021836 / 1

CERT ID / REV
00004381 / 02

SOLD TO

Wayne Mfg Inc.
26655 NorthLine Road
Taylor, MI 48180
United States
Attn: Quality Assurance

CUSTOMER P.O. STOCK	CUSTOMER PART	QUANTITY 18,370 lbs	COILS 6	LADING NO 00034796	SHIPMENT DATE 12/05/2008					
SPECIFICATION PIQ1018130-08 13.00mm (0.5118") 1018 IQ, Clean/Coat, Clean/Phos/Lube, Wayne Mfg. Inc., 7213.91.3090										
CERTIFICATION REQUIREMENTS										
Chemical (value of 9 = n/a)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.1700	.8000	.0140	.0060	.2300	.2200	.1000	.1400	.0340	.0150	.0040
B	V	N								
.0000	.0050	.0069								
Mechanical - Summary										
<u>TEST</u>	<u>UNITS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>						
Diameter (inch)	in	.512	.509	0.510						
Tensile (psi)	psi	79961	78193	79172						
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