



**Johnstown  
Wire  
Technologies**

124 Laurel Ave,  
Johnstown, PA 15906  
Phone: 814-532-5680  
Fax: 814-532-5684

WORK ORDER  
**400863**

**TEST REPORT**

LOT NUMBER  
**Y-50018C**  
SALES ORDER / RLS  
**484000 / 2**

SOLD TO

**Stephens Pipe & Steel Inc.**  
P.O. Box 618  
Russell Springs Ky 42642  
Attn: QA Dept.



CUSTOMER P.O. <b>01-009924</b>	CUSTOMER PART	QUANTITY <b>35,614 LBS</b>	COILS <b>11</b>	LADING NO <b>00096728</b>	SHIPMENT DATE <b>03/15/2010</b>
SPECIFICATION <b>Stepp&amp;sK-6002</b>					
<b>ASTM A817 BS 1290 LB Min Chain Link Fence Quality Bethalume .40 Oz Min Size: 9Ga +.000 -.005</b>					
CERTIFICATION REQUIREMENTS					
<b>Chemical</b>					
C	Mn	P	S	Si	
.11	.43	.006	.020	.12	
<b>Mechanical</b>					
<b>TEST</b>	<b>UNITS</b>	<b>HIGH</b>	<b>LOW</b>	<b>AVERAGE</b>	
<b>Brk Load</b>	<b>LBS</b>	<b>1610</b>	<b>1292</b>	<b>1398</b>	
<b>Tensile Str</b>	<b>Lbs/SqIn</b>	<b>100000</b>	<b>80000</b>	<b>87000</b>	
<b>Coating weight</b>	<b>Oz/sq ft</b>	<b>.44</b>	<b>.40</b>	<b>.41</b>	
End of Certification					

I certify that the results are a true and correct copy of the records prepared and maintained by JOHNSTOWN WIRE TECHNOLOGIES in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier and is not in JWT A2LA accreditation. This test report cannot be reproduced or distributed except in full without the written permission of JOHNSTOWN WIRE TECHNOLOGIES. The test results certified herein relate only to the items tested.

*D. L. Deetscreek*  
**D. L. Deetscreek**  
**Director of Quality Assurance**



# American Association for Laboratory Accreditation

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

JOHNSTOWN WIRE TECHNOLOGIES, INC.  
 124 Laurel Avenue  
 Johnstown, PA 15906  
 Donald Deetscreek Phone: 814 532 5680

### MECHANICAL

Valid To: March 31, 2010

Certificate Number: 0471.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metals and metal alloys:

<u>Test</u>	<u>Test Method(s)</u>
Tension (room temperature)	ASTM A370, E8
Torsion	ASTM A938
Adherence of Coating (Aluminum)	ASTM A809
Adherence of Coating (Zinc)	ASTM A641
Weight of Zinc Coating	ASTM A90
Weight of Aluminum Coating	ASTM A428
Hardness - Rockwell (B)	ASTM E18
<u>Metallography</u>	
Depth of Decarburization (microscopic)	ASTM E1077; IFI 140
Macro/Microetching	ASTM E340, E381, E407
Microstructure	
Grain Size (comparison)	ASTM E112
Inclusion Content	ASTM E45; SAE J422A
Spheroidization	IFI 140; *JWT - BRW Photos
Preparation	ASTM E3

\*JWT - Johnstown Wire Technologies internal method

(A2LA Cert. No. 0471.01) 03/11/2008

*Peter M. Meyer*

page 1 of 1





**Johnstown  
Wire  
Technologies**

124 Laurel Ave,  
Johnstown, PA 15906

Phone: 814-532-5680  
Fax: 814-532-5684

WORK ORDER  
**398002**

**TEST REPORT**

LOT NUMBER  
**Y-50018C**

SALES ORDER / RLS  
**484000 / 1**

SOLD TO

**Stephens Pipe & Steel Inc.**  
P.O. Box 618  
Russell Springs Ky 42642  
Attn: QA Dept.



CUSTOMER P.O. <b>01-009924</b>	CUSTOMER PART	QUANTITY <b>5,414 LBS</b>	COILS <b>2</b>	LADING NO <b>00096728</b>	SHIPMENT DATE <b>03/15/2010</b>
SPECIFICATION <b>Stepp&amp;sK-6002</b>					
<b>ASTM A817 BS 1290 LB Min Chain Link Fence Quality Bethalume .40 Oz Min Size: 9Ga +.000 -.005</b>					
CERTIFICATION REQUIREMENTS					
<b>Chemical</b>					
<b>C</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Si</b>	
<b>.11</b>	<b>.43</b>	<b>.006</b>	<b>.020</b>	<b>.12</b>	
<b>Mechanical</b>					
<b>TEST</b>	<b>UNITS</b>	<b>HIGH</b>	<b>LOW</b>	<b>AVERAGE</b>	
<b>Brk Load</b>	<b>LBS</b>	<b>1610</b>	<b>1331</b>	<b>1411</b>	
<b>Tensile Str</b>	<b>Lbs/SqIn</b>	<b>100000</b>	<b>82000</b>	<b>88000</b>	
<b>Coating weight</b>	<b>Oz/sq ft</b>	<b>.44</b>	<b>.40</b>	<b>.42</b>	
End of Certification					

I certify that the results are a true and correct copy of the records prepared and maintained by JOHNSTOWN WIRE TECHNOLOGIES in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier and is not in JWT A2LA accreditation. This test report cannot be reproduced or distributed except in full without the written permission of JOHNSTOWN WIRE TECHNOLOGIES. The test results certified herein relate only to the items tested.

*D. L. Deetscreek*  
**D. L. Deetscreek**  
Director of Quality Assurance



# American Association for Laboratory Accreditation

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

JOHNSTOWN WIRE TECHNOLOGIES, INC.  
 124 Laurel Avenue  
 Johnstown, PA 15906  
 Donald Deetscreek Phone: 814 532 5680

### MECHANICAL

Valid To: March 31, 2010

Certificate Number: 0471.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metals and metal alloys:

<u>Test</u>	<u>Test Method(s)</u>
Tension (room temperature)	ASTM A370, E8
Torsion	ASTM A938
Adherence of Coating (Aluminum)	ASTM A809
Adherence of Coating (Zinc)	ASTM A641
Weight of Zinc Coating	ASTM A90
Weight of Aluminum Coating	ASTM A428
Hardness - Rockwell (B)	ASTM E18
<u>Metallography</u>	
Depth of Decarburization (microscopic)	ASTM E1077; IFI 140
Macro/Microetching	ASTM E340, E381, E407
Microstructure	
Grain Size (comparison)	ASTM E112
Inclusion Content	ASTM E45; SAE J422A
Spheroidization	IFI 140; *JWT - BRW Photos
Preparation	ASTM E3

\*JWT - Johnstown Wire Technologies internal method

(A2LA Cert. No. 0471.01) 03/11/2008

*Peter M. Hryciuk*

page 1 of 1

