MILL TEST CERTIFICATE

This form meets the requirements of the
U.S. Department of Labor, Occupational, Safety and Health Administration
Form No. 4

Product Description: 27133 1-1/8" 6X36WS-IWRC XIP U SZ (RR) **Part #**

Certificate No: 757214 **Distributor:** AMERICAN PRODUCERS SUPPLY CO **PO #** P1342884

Reel No: 411-757214-4 **Order No:** 224158 **Total Length:** 1500 **FT**

Cut Length(s):

Manufacturer or Supplier of the rope: UNION A division of WireCo WorldGroup Prairie Village, Kansas US

Nominal diameter: 1.1250 **Measured diameter (IN):** 1.16700 **(measured under no load)**

Number of strands: 6 **No of wires per strand:** 36

Lay: Right Regular **Grade of rope:** XIP

Date of qualifying rope test: 4/27/18

Load at which sample broke (lb): 146,923 **Minimum breaking force (lb):** 130,000

If the design factor is 5, the safe working load is 26,000 **pounds**

Organization carrying out the examination and test: SAME AS ABOVE

Organization issuing the certificate: WireCo WorldGroup, Prairie Village, Kansas , 66208

This wire rope was manufactured to conform to the current ASTM A1023 unless otherwise indicated in the product description.

I certify that the above particulars are correct and that the examination and test were carried out by a competent person in compliance with the applicable specification.

Signed: Erin W. Werner **Title:** operations **Date:** 6/1/18

MFG Address:
1615 Spur 529
Rosenberg TX 77471
United States

Domestic Wire Rope and Cable®
Stranded and Closed in the USA

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Form No. 4

Product Description: 27133 1-1/8" 6X36WS-IWRC XIP U SZ (RR) **Part #**

Certificate No: 757214 **Distributor:** AMERICAN PRODUCERS SUPPLY CO **PO #** P1342884

Reel No: 411-757214-4 **Order No:** 224158 **Total Length:** 1170 **FT**

Cut Length(s):

Manufacturer or Supplier of the rope: UNION A division of WireCo WorldGroup Prairie Village, Kansas US

Nominal diameter: 1.1250 **Measured diameter (IN):** 1.16700 **(measured under no load)**

Number of strands: 6 **No of wires per strand:** 36

Lay: Right Regular **Grade of rope:** XIP

Date of qualifying rope test: 4/27/18

Load at which sample broke (lb): 146,923 **Minimum breaking force (lb):** 130,000

If the design factor is 5, the safe working load is 26,000 **pounds**

Organization carrying out the examination and test: SAME AS ABOVE

Organization issuing the certificate: WireCo WorldGroup, Prairie Village, Kansas , 66208

This wire rope was manufactured to conform to the current ASTM A1023 unless otherwise indicated in the product description.

I certify that the above particulars are correct and that the examination and test were carried out by a competent person in compliance with the applicable specification.

Signed: Erin W. Werner **Title:** operations **Date:** 6/1/18

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Product Description: 25737 3/8" 6X36WS-IWRC XIP U SZ (RR) **Part #**

Certificate No: 774652 **Distributor:** AMERICAN PRODUCERS SUPPLY CO **PO #** P1342884

Reel No: 411-774652-2 **Order No:** 224158 **Total Length:** 2500 **FT**

Cut Length(s):

Manufacturer or Supplier of the rope: UNION A division of WireCo WorldGroup Prairie Village, Kansas US

Nominal diameter: 0.3750 **Measured diameter (IN):** .38600 **(measured under no load)**

Number of strands: 6 **No of wires per strand:** 36

Lay: Right Regular **Grade of rope:** XIP

Date of qualifying rope test: 5/21/18

Load at which sample broke (lb): 16,224 **Minimum breaking force (lb):** 15,100

If the design factor is 5, the safe working load is 3,020 **pounds**

Organization carrying out the examination and test: SAME AS ABOVE

Organization issuing the certificate: WireCo WorldGroup, Prairie Village, Kansas , 66208

This wire rope was manufactured to conform to the current ASTM A1023 unless otherwise indicated in the product description.

I certify that the above particulars are correct and that the examination and test were carried out by a competent person in compliance with the applicable specification.

Signed: Erin W. Werner **Title:** Operations **Date:** 6/1/18

MFG Address:
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Rosenberg TX 77471
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Product Description: 26374 3/4" 6X25F-IWRC XIP U SZ (RR) RP124010 **Part #**

Certificate No: 786463 **Distributor:** AMERICAN PRODUCERS SUPPLY CO **PO #** P1341722

Reel No: 411-786463-1 **Order No:** 223053 **Total Length:** 460 **FT**

Cut Length(s):

Manufacturer or Supplier of the rope: UNION A division of WireCo WorldGroup Prairie Village, Kansas US

Nominal diameter: 0.7500 **Measured diameter (IN):** .77800 **(measured under no load)**

Number of strands: 6 **No of wires per strand:** 25

Lay: Right Regular **Grade of rope:** XIP

Date of qualifying rope test: 5/20/18

Load at which sample broke (lb): 64,975 **Minimum breaking force (lb):** 58,800

If the design factor is 5, the safe working load is 11,760 **pounds**

Organization carrying out the examination and test: SAME AS ABOVE

Organization issuing the certificate: WireCo WorldGroup, Prairie Village, Kansas , 66208

This wire rope was manufactured to conform to the current ASTM A1023 unless otherwise indicated in the product description.

I certify that the above particulars are correct and that the examination and test were carried out by a competent person in compliance with the applicable specification.

Signed: Erin W. Werner **Title:** Plant Manager **Date:** 6/1/18

MFG Address:
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Rosenberg TX 77471
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Product Description: 26448 3/4" 6X36WS-IWRC XIP U SZ (RR) **Part #**

Certificate No: 757142 **Distributor:** AMERICAN PRODUCERS SUPPLY CO **PO #** P1342378

Reel No: 411-757142-1 **Order No:** 223501 **Total Length:** 2500 **FT**

Cut Length(s):

Manufacturer or Supplier of the rope: UNION A division of WireCo WorldGroup Prairie Village, Kansas US

Nominal diameter: 0.7500 **Measured diameter (IN):** .76700 **(measured under no load)**

Number of strands: 6 **No of wires per strand:** 36

Lay: Right Regular **Grade of rope:** XIP

Date of qualifying rope test: 5/21/18

Load at which sample broke (lb): 63,841 **Minimum breaking force (lb):** 58,800

If the design factor is 5, the safe working load is 11,760 **pounds**

Organization carrying out the examination and test: SAME AS ABOVE

Organization issuing the certificate: WireCo WorldGroup, Prairie Village, Kansas , 66208

This wire rope was manufactured to conform to the current ASTM A1023 unless otherwise indicated in the product description.

I certify that the above particulars are correct and that the examination and test were carried out by a competent person in compliance with the applicable specification.

Signed: Erin W. Werner **Title:** Operations **Date:** 6/1/18

MFG Address:
1615 Spur 529
Rosenberg TX 77471
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Product Description: 26874 1" 6X36WS-IWRC XIP U SZ (RR) **Part #**

Certificate No: 767870 **Distributor:** AMERICAN PRODUCERS SUPPLY CO **PO #** P1342378

Reel No: 411-767870-1 **Order No:** 223501 **Total Length:** 2500 **FT**

Cut Length(s):

Manufacturer or Supplier of the rope: UNION A division of WireCo WorldGroup Prairie Village, Kansas US

Nominal diameter: 1.0000 **Measured diameter (IN):** 1.04000 **(measured under no load)**

Number of strands: 6 **No of wires per strand:** 36

Lay: Right Regular **Grade of rope:** XIP

Date of qualifying rope test: 5/17/18

Load at which sample broke (lb): 107,231 **Minimum breaking force (lb):** 103,400

If the design factor is 5, the safe working load is 20,680 **pounds**

Organization carrying out the examination and test: SAME AS ABOVE

Organization issuing the certificate: WireCo WorldGroup, Prairie Village, Kansas , 66208

This wire rope was manufactured to conform to the current ASTM A1023 unless otherwise indicated in the product description.

I certify that the above particulars are correct and that the examination and test were carried out by a competent person in compliance with the applicable specification.

Signed: Erin W. Werner **Title:** **Date:** 6/1/18

MFG Address:
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Product Description: 26374 3/4" 6X25F-IWRC XIP U SZ (RR) RP124010 **Part #**

Certificate No: 786463 **Distributor:** AMERICAN PRODUCERS SUPPLY CO **PO #** P1341722

Reel No: 411-786463-1 **Order No:** 223053 **Total Length:** 460 **FT**

Cut Length(s):

Manufacturer or Supplier of the rope: UNION A division of WireCo WorldGroup Prairie Village, Kansas US

Nominal diameter: 0.7500 **Measured diameter (IN):** .77800 **(measured under no load)**

Number of strands: 6 **No of wires per strand:** 25

Lay: Right Regular **Grade of rope:** XIP

Date of qualifying rope test: 5/20/18

Load at which sample broke (lb): 64,975 **Minimum breaking force (lb):** 58,800

If the design factor is 5, the safe working load is 11,760 **pounds**

Organization carrying out the examination and test: SAME AS ABOVE

Organization issuing the certificate: WireCo WorldGroup, Prairie Village, Kansas , 66208

This wire rope was manufactured to conform to the current ASTM A1023 unless otherwise indicated in the product description.

I certify that the above particulars are correct and that the examination and test were carried out by a competent person in compliance with the applicable specification.

Signed: Erin W. Werner **Title:** **Date:** 6/1/18

MFG Address:
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