



Wire Rope Industries Ltd.

5501 TRANS-CANADA HIGHWAY, POINTE-CLAIRE, QUEBEC, CANADA H9R 1B7 TEL.: (514) 697-9711 - FAX: (514) 697-4022

CERTIFICATE: 15-029

WRI ORDER: 222919-1

CERTIFICATE

DESCRIPTION: 1-5/8 in. DIA. 6x19S, ROUND STRAND, CRNJ, EIPS, BRIGHT, RIGHT LANG LAY, IWRC, C/W OPEN SPELTER SOCKET AT BOTTOM END.

CUSTOMER P.O.: 260340

CUSTOMER: B.C. FERRY SERVICES INC.
1321 BLANSHARD STREET, SUITE 500,
VICTORIA, B.C.
V8W 0B7

NOMINAL DIA.: 1-5/8 in.	REEL NO.: 130172-01
NO. OF STRANDS: 6	MFG DATE: MARCH 2015
WIRES PER STRAND: 19	MINIMUM BREAKING LOAD: 264,000 lbs.
STRANDING LUBRICANT: 10 RZB	ACTUAL BREAKING LOAD: 300,780 lbs.
TYPE OF LAY: RIGHT LANG	MODULUS OF ELASTICITY: 18,243,894 psi
CLASS OF CORE: IWRC	PRESTRETCHED AT: 105,600 lbs
Actual diameter(before plastic): 1.665" – 1.675"	PROOFLOADED AT: 105,000 lbs
Actual diameter (after plastic): 1.693"	LENGTH: 2400 m
Actual lay: 10.468"	

We certify that the above material was manufactured, prestretched, proofloaded and measured to conform to all specifications and drawings specified by contract.

Manufactured by WRI Pointe-Claire whose
Quality Management System is certified ISO 9001:2008 (Registrar: SAI Global).

s. 22

Prepared by:

Rejean Caouette Q.A. Tech..

Date: May 28, 2015

BRIDON · BEKAERT

THE ROPES GROUP

5501 TRANS-CANADA HIGHWAY, POINTE-CLAIRE, QUEBEC, CANADA H9R 1B7 TEL: (514) 697-9711 - FAX: (514) 697-4022

CERTIFICATE: 17-118 (Rev.1)

WRI ORDER: 226526-1

CERTIFICATE

DESCRIPTION: 1-5/8 in. DIA. 6x19S, ROUND STRAND, CRNJ, EIPS, DRAWN BEZINAL 3000, RIGHT LANG LAY, IWRC, CW OPEN SPELTER SOCKET AT BOTTOM END.

CUSTOMER P.O.: 291326

CUSTOMER: B.C. FERRY SERVICES INC.
1321 BLANSHARD STREET, SUITE 500,
VICTORIA, B.C.
V8W 0B7

<p>NOMINAL DIA.: 1-5/8 in.</p> <p>NO. OF STRANDS: 6</p> <p>WIRES PER STRAND: 19</p> <p>STRANDING LUBRICANT: BRILUBE 90</p> <p>TYPE OF LAY: RIGHT LANG</p> <p>CLASS OF CORE: IWRC</p> <p>Actual diameter(before plastic): 1.670"- 1.680"</p> <p>Actual diameter (after plastic): 1.720"</p> <p>Actual lay: 10.385"</p>	<p>REEL NO.: 132224-01</p> <p>MFG DATE: AUGUST 2017</p> <p>MINIMUM BREAKING LOAD: 264,000 lbs.</p> <p>ACTUAL BREAKING LOAD: 305,500 lbs.</p> <p>MODULUS OF ELASTICITY: 16,889,358 psi</p> <p>PRESTRETCH AT: 105,600 lbs</p> <p>PROOFLOADED AT: 105,000 lbs</p> <p>LENGTH: 2140 m</p>
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We certify that the above material was manufactured, prestretched, proofloaded and measured to conform to all specifications and drawings specified by contract.

Manufactured by Bridon-Bekaert Pointe-Claire whose
Quality Management System is certified ISO 9001:2008 (Registrar: SAI Global).

s. 22

Prepared by:

Rejean Caouette Q.A. Tech..

Date: February 9, 2018