

Customer Name and Address

Huracan Pty Ltd Po Box 1070 Roma

QLD

Customer Order No: TESTING

Sales Order No: 560616

Job No: 560616-1

Test Type: Visual Examination

Certificate No: 191699

Test/Report Date: 22/07/14

Laboratory: Toowoomba

Accrediation No: 2993

dentification Markings	Description		Effective Length	Finish	W.L.L	Angle	Qty	Minimum Load / Force Applied (kN
ALK001	Box Swivel		240mm	Aluminium	495LBS	Direct	1	N/A
Manufacturer: Additional Notes on Te	st Results	Complies to Test I	Procedure: JLR LC	QM 13.1				Result: Pass
lanufacturer: Arklatex efer To Certificate No:13-0)3-620T							
		Site:				Location:		
				The above article were Signed:	DELEGAT	ED ON BEHALF OF A		
					MELL	anul of		

Head Office	ROBERTSONS

4 Burchill St Loganholme Q 4129 Brendale Q 4500 P 07 3801 0811

F 07 3209 6325

P 07 3881 1445 F 07 3881 2662

5 Johnstone Rd

BRISBANE SOUTH BRISBANE NORTH GOLD COAST 39 Dover Drive Burleigh Heads Q 4220 Toowoomba Q 4350 Paget Q 4740 P 07 5535 8277 F 07 5535 8366

TOOWOOMBA 345 Taylor St P 07 4634 6566 F 07 4634 6533 MACKAY P 07 4952 5520

GLADSTONE 179 Boundary Rd 4 Tranberg St P 07 4972 6511 F 07 4952 5545 F 07 4972 6899

LAVERTON Galdstone Q 4680 Laverton North Vic 3028 P 03 9315 1520 F 03 9315 1540

DANDENONG 4/28-30 Little Boundary Rd 28 Swift Way Dandenong Sth Vic 3175 P 03 9768 3244 F 03 9768 3422

SYDNEY PERTH 16 - 18 Kewdale Rd 50 Skarratt St North Galdstone WA 6106 Silverwater NSW 2128 Thornton NSW 2322 Muswellbrook NSW 2333 P 08 9451 1522 P 02 9748 3044 F 02 9648 4120 F 08 9451 1533

NEWCASTLE 33 Firebrick Drive P 02 4966 8622 F 02 4966 8611

MUSWELLBROOK Lot 49 Thomas Mitchell Dr P 02 6541 5100 F 02 6543 3233



Customer Name and Address

Huracan Pty Ltd Po Box 1070

Roma

QLD

Customer Order No: TESTING

Sales Order No: 560616

Job No: 560616-1

Test Type: Visual Examination

Certificate No: 191700

Test/Report Date: 22/07/14

Laboratory: Toowoomba

Accrediation No: 2993

Identification Markings	Description		Effective Length	Finish	W.L.L	Angle	Qty	Minimum Load / Force Applied (kN
SWK-D1403-01	Sheave		540mm	Aluminium		Direct	1	N/A
Manufacturer:		Complies to	Test Procedure: JLR L	QM 13.1				Result: Pass
Manufacturer: Additional Notes on Tes	st Results	Complies to	Test Procedure: JLR L	QM 13.1				Result: Pass
	st Results	Complies to	Test Procedure: JLR L	QM 13.1				Result: Pass
Additional Notes on Tes	st Results	Complies to Site:	Test Procedure: JLR L	QM 13.1		Location:		Result: Pass
Additional Notes on Tes	st Results		Test Procedure: JLR L	QM 13.1 The above article were	e tested and e	ACCESSOR ACCESSOR		
Additional Notes on Tes	st Results		Test Procedure: JLR L			ACCESSOR ACCESSOR	npetent person	
Additional Notes on Tes	st Results		Test Procedure: JLR L	The above article were	DELEGA	examined by a com	npetent person	

4 Burchill St Loganholme Q 4129 Brendale Q 4500 P 07 3801 0811 F 07 3209 6325

5 Johnstone Rd P 07 3881 1445 F 07 3881 2662

BRISBANE SOUTH BRISBANE NORTH GOLD COAST 39 Dover Drive Burleigh Heads Q 4220 Toowoomba Q 4350 Paget Q 4740 P 07 5535 8277 F 07 5535 8366

345 Taylor St P 07 4634 6566 F 07 4634 6533

TOOWOOMBA

MACKAY P 07 4952 5520 F 07 4952 5545

GLADSTONE 179 Boundary Rd 4 Tranberg St P 07 4972 6511 F 07 4972 6899

LAVERTON 4/28-30 Little Boundary Rd 28 Swift Way Galdstone Q 4680 Laverton North Vic 3028 P 03 9315 1520 F 03 9315 1540

DANDENONG P 03 9768 3244 F 03 9768 3422

SYDNEY PERTH 16 - 18 Kewdale Rd 50 Skarratt St North Dandenong Sth Vic 3175 Galdstone WA 6106 Silverwater NSW 2128 Thornton NSW 2322 Muswellbrook NSW 2333 P 08 9451 1522 P 02 9748 3044 F 08 9451 1533 F 02 9648 4120

NEWCASTLE 33 Firebrick Drive P 02 4966 8622 F 02 4966 8611

MUSWELLBROOK Lot 49 Thomas Mitchell Dr P 02 6541 5100 F 02 6543 3233



Customer Name and Address

Huracan Pty Ltd Po Box 1070 Roma

QLD

Customer Order No: TESTING

Sales Order No: 560616

Job No: 560616-1

Test Type: Visual Examination

Certificate No: 191701

Test/Report Date: 22/07/14

Laboratory: Toowoomba

Accrediation No: 2993

	Description		Effective Length	Finish	W.L.L	Angle	Qty	Minimum Load / Force Applied (kN
3JL7692/2X3/1785	Roundsling		3m	Polyester	2T	Direct	1	n/A
Manufacturer: Beaver		Complies to Te	est Procedure: AS 44	97.1				Result: Pass
Additional Notes on Te	st Results							
		Site:				Location:		
		Site:		The above article were		examined by a comp		
		Site:		The above article were Signed:				
		Site:			DELEGAT	examined by a comp		

Head Unice	HC
BRISBANE SOUTH	BF
4 Burchill St	5.
	-

P 07 3801 0811

Loganholme Q 4129 Brendale Q 4500 F 07 3209 6325

Johnstone Rd P 07 3881 1445 F 07 3881 2662

RISBANE NORTH GOLD COAST 39 Dover Drive Burleigh Heads Q 4220 Toowoomba Q 4350 Paget Q 4740 P 07 5535 8277 F 07 5535 8366

TOOWOOMBA 345 Taylor St P 07 4634 6566 F 07 4634 6533

MACKAY 179 Boundary Rd 4 Tranberg St P 07 4952 5520 F 07 4952 5545

GLADSTONE P 07 4972 6511 F 07 4972 6899

LAVERTON 4/28-30 Little Boundary Rd 28 Swift Way Galdstone Q 4680 Laverton North Vic 3028 P 03 9315 1520 F 03 9315 1540

DANDENONG P 03 9768 3244 F 03 9768 3422

PERTH SYDNEY 16 - 18 Kewdale Rd 50 Skarratt St North Dandenong Sth Vic 3175 Galdstone WA 6106 Silverwater NSW 2128 Thornton NSW 2322 Muswellbrook NSW 2333 P 08 9451 1522 P 02 9748 3044 F 08 9451 1533 F 02 9648 4120

NEWCASTLE 33 Firebrick Drive P 02 4966 8622 F 02 4966 8611

MUSWELLBROOK Lot 49 Thomas Mitchell Dr P 02 6541 5100 F 02 6543 3233



Customer Name and Address

Huracan Pty Ltd Po Box 1070 Roma

QLD

Customer Order No: TESTING

Sales Order No: 560616

Job No: 560616-1

Test Type: Visual Examination

Certificate No: 191702

Test/Report Date: 22/07/14

Laboratory: Toowoomba

Accrediation No: 2993

Identification Mark	ings Description		Effective Length	Finish	W.L.L	Angle	Qty	Minimum Load / Force Applied (kN)
1310–597	Wireline Rope Clamp		370mm	Galvanised	20000LBS	Direct	1	N/A
Manufacturer:		Complies to Test P	rocedure:					Result: Pass
Additional Notes of	n Test Results							
Manufacture: LS		Site:				Location:		
	T			The above article were	tested and exa	amined by a com	npetent perso	n
				Signed:	DELEGATE	D ON BEHALF OF	ANDY CAMPE	
				Authorised Signatory	Mark	O'Connell		
Head Office	ROBERTSONS						1	

Head Unice	HOBERTSON				
BRISBANE SOUTH	BRISBANE NO				
4 Burchill St	5 Johnstone Rd				

Loganholme Q 4129 Brendale Q 4500 P 07 3801 0811 P 07 3881 1445 F 07 3209 6325 F 07 3881 2662

5 Johnstone Rd 39 Dover Drive P 07 5535 8277 F 07 5535 8366

RTH GOLD COAST TOOWOOMBA 345 Taylor St Burleigh Heads Q 4220 Toowoomba Q 4350 Paget Q 4740 P 07 4634 6566 F 07 4634 6533

MACKAY P 07 4952 5520

GLADSTONE 179 Boundary Rd 4 Tranberg St P 07 4972 6511 F 07 4952 5545 F 07 4972 6899

LAVERTON 4/28-30 Little Boundary Rd 28 Swift Way Galdstone Q 4680 Laverton North Vic 3028 P 03 9315 1520 F 03 9315 1540

DANDENONG P 03 9768 3244 F 03 9768 3422

PERTH SYDNEY 16 - 18 Kewdale Rd 50 Skarratt St North Dandenong Sth Vic 3175 Galdstone WA 6106 Silverwater NSW 2128 Thornton NSW 2322 Muswellbrook NSW 2333 P 08 9451 1522 P 02 9748 3044 F 08 9451 1533 F 02 9648 4120

NEWCASTLE MUSWELLBROOK 33 Firebrick Drive Lot 49 Thomas Mitchell Dr P 02 4966 8622 P 02 6541 5100 F 02 4966 8611 F 02 6543 3233



Customer Name and Address

Huracan Pty Ltd Po Box 1070 Roma

QLD

Customer Order No: TESTING

Sales Order No: 560616

Job No: 560616-1

Test Type: Visual Examination

Certificate No: 191703

Test/Report Date: 22/07/14

Laboratory: Toowoomba

Accrediation No: 2993

Identification Markings	Description		Effective Length	Finish	W.L.L	Angle	Qty	Minimum Load / Force Applied (kN
3586-1-12	Wire Line Winch (Sheave Tripod)		1600mm	Galvanised		Direct	1	N/A
		Complies to	Test Procedure: JLR L	QM 13.1				Result: Pass
Additional Notes on Tes Manufacture: Rayham Engin DOM: 08/2012	neering	Complies to	Test Procedure: JLR L	QM 13.1				Result: Pass
Manufacturer: Additional Notes on Tes Manufacture: Rayham Engin DOM: 08/2012 Closed-125kg, Ext-180kg	neering		Test Procedure: JLR L	QM 13.1		Location:		Result: Pass
Additional Notes on Tes Manufacture: Rayham Engin DOM: 08/2012	neering	Complies to	Test Procedure: JLR L		e tested and c	Location:		
Additional Notes on Tes Manufacture: Rayham Engin DOM: 08/2012	neering		Test Procedure: JLR L	The above article were Signed:		With GERT BARBAROUSE	petent person	1
Additional Notes on Tes Manufacture: Rayham Engin DOM: 08/2012	neering		Test Procedure: JLR L	The above article were	DELEGAT	examined by a com	petent person	1

4 Burchill St Loganholme Q 4129 Brendale Q 4500 P 07 3801 0811 F 07 3209 6325

5 Johnstone Rd P 07 3881 1445 F 07 3881 2662

BRISBANE SOUTH BRISBANE NORTH GOLD COAST 39 Dover Drive P 07 5535 8277 F 07 5535 8366

TOOWOOMBA 345 Taylor St Burleigh Heads Q 4220 Toowoomba Q 4350 Paget Q 4740 P 07 4634 6566 F 07 4634 6533

MACKAY

GLADSTONE 179 Boundary Rd 4 Tranberg St P 07 4952 5520 P 07 4972 6511 F 07 4952 5545 F 07 4972 6899

LAVERTON 4/28-30 Little Boundary Rd 28 Swift Way Galdstone Q 4680 Laverton North Vic 3028 P 03 9315 1520 F 03 9315 1540

DANDENONG Dandenong Sth Vic 3175 P 03 9768 3244 F 03 9768 3422

PERTH SYDNEY 16 - 18 Kewdale Rd 50 Skarratt St North Galdstone WA 6106 Silverwater NSW 2128 Thornton NSW 2322 Muswellbrook NSW 2333 P 08 9451 1522 P 02 9748 3044 F 08 9451 1533 F 02 9648 4120

NEWCASTLE MUSWELLBROOK 33 Firebrick Drive Lot 49 Thomas Mitchell Dr P 02 4966 8622 P 02 6541 5100 F 02 4966 8611 F 02 6543 3233



Customer Name and Address

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QLD

Customer Order No: TESTING

Sales Order No: 560616

Job No: 560616-1

Test Type: Visual Examination

Certificate No: 191704

Test/Report Date: 22/07/14

Laboratory: Toowoomba

Accrediation No: 2993

Identification Markings	Description		Effective Length	Finish	W.L.L	Angle	Qty	Minimum Load / Force Applied (kN
BJ43, BJ43	Shackle Bow Safety		N/A	Galvanised	3.2T	Direct	2	N/A
	Grade: S Quantity in Batch: 2							
Manufacturer: Unknown		Complies to Tes	t Procedure: AS 27	41				Result: Pass
		Site:				Location:		
				The above article were	tested and	examined by a con	npetent persor	n
				Signed:		TED ON BEHALF OF	ANDY CAMPB	ELL
				Authorised Signatory	Ma	ark O'Connell		
Head Office ROBER	ITSONS							

4 Burchill St Loganholme Q 4129 Brendale Q 4500 P 07 3801 0811 F 07 3209 6325

5 Johnstone Rd P 07 3881 1445 F 07 3881 2662

BRISBANE SOUTH BRISBANE NORTH GOLD COAST 39 Dover Drive P 07 5535 8277 F 07 5535 8366

345 Taylor St Burleigh Heads Q 4220 Toowoomba Q 4350 Paget Q 4740 P 07 4634 6566 F 07 4634 6533

TOOWOOMBA

MACKAY P 07 4952 5520 F 07 4952 5545

GLADSTONE 179 Boundary Rd 4 Tranberg St P 07 4972 6511 F 07 4972 6899

LAVERTON 4/28-30 Little Boundary Rd 28 Swift Way Galdstone Q 4680 Laverton North Vic 3028 P 03 9315 1520 F 03 9315 1540

DANDENONG Dandenong Sth Vic 3175 P 03 9768 3244 F 03 9768 3422

PERTH SYDNEY 16 - 18 Kewdale Rd 50 Skarratt St North Galdstone WA 6106 Silverwater NSW 2128 | Thornton NSW 2322 Muswellbrook NSW 2333 P 08 9451 1522 P 02 9748 3044 F 08 9451 1533 F 02 9648 4120

NEWCASTLE MUSWELLBROOK 33 Firebrick Drive Lot 49 Thomas Mitchell Dr P 02 4966 8622 P 02 6541 5100 F 02 4966 8611 F 02 6543 3233



Customer Name and Address

Huracan Pty Ltd Po Box 1070 Roma

QLD

Customer Order No: TESTING

Sales Order No: 560616

Job No: 560616-1

Test Type: Visual Examination

Certificate No: 191705

Test/Report Date: 22/07/14

Laboratory: Toowoomba

Accrediation No: 2993

Identification Markings	Description	Effective Length Finish	W.L.L	Angle	Qty	Minimum Load / Force Applied (kN
5MJ, 5MJ, 5NU, 5NT	Shackle Bow Safety Grade: S Quantity in Batch: 4	N/A Galvanised	2T	Direct	4	N/A
Manufacturer: Crosby	Cc	nplies to Test Procedure: AS 2741				Result: Pass
Manufacturer: Crosby Additional Notes on Tes		nplies to Test Procedure: AS 2741				Result: Pass
		nplies to Test Procedure: AS 2741				Result: Pass
		nplies to Test Procedure: AS 2741		Location:		Result: Pass
	st Results		le were tested and	Location:	npetent perso	
	st Results			201030300000000000000000000000000000000		n
	st Results	The above arti	DELEGA	examined by a con		n

4 Burchill St Loganholme Q 4129 Brendale Q 4500 P 07 3801 0811 F 07 3209 6325

5 Johnstone Rd P 07 3881 1445 F 07 3881 2662

BRISBANE SOUTH BRISBANE NORTH GOLD COAST 39 Dover Drive P 07 5535 8277 F 07 5535 8366

TOOWOOMBA 345 Taylor St Burleigh Heads Q 4220 Toowoomba Q 4350 Paget Q 4740 P 07 4634 6566 F 07 4634 6533

MACKAY P 07 4952 5520 F 07 4952 5545

GLADSTONE 179 Boundary Rd 4 Tranberg St P 07 4972 6511 F 07 4972 6899

LAVERTON 4/28-30 Little Boundary Rd 28 Swift Way Galdstone Q 4680 Laverton North Vic 3028 P 03 9315 1520

F 03 9315 1540

DANDENONG P 03 9768 3244 F 03 9768 3422

SYDNEY PERTH 16 - 18 Kewdale Rd 50 Skarratt St North Dandenong Sth Vic 3175 Galdstone WA 6106 Silverwater NSW 2128 P 08 9451 1522 P 02 9748 3044

F 08 9451 1533

F 02 9648 4120

NEWCASTLE MUSWELLBROOK 33 Firebrick Drive Lot 49 Thomas Mitchell Dr Thornton NSW 2322 Muswellbrook NSW 2333 P 02 4966 8622 P 02 6541 5100 F 02 4966 8611 F 02 6543 3233



Customer Name and Address

Huracan Ptv Ltd Po Box 1070 Roma

QLD

Customer Order No: TESTING

Sales Order No: 560616

Job No: 560616-1

Test Type: Visual Examination

Certificate No: 191706

Test/Report Date: 22/07/14

Laboratory: Toowoomba

Accrediation No: 2993

Identification Markings	Description	Ef Le	ffective ength	Finish	W.L.L	Angle	Qty	Minimum Load / Force Applied (kN
2NK, 2NI	Shackle Bow Safety Grade:S Quantity in Batch: 2	N/	/A	Galvanised	4 3/4T	Direct	2	N/A
		Complies to Test Proce	adura: AS 2741	1				Result: Pass
		Compiles to rest Proce	edule. AS 2741				######################################	
	st Results	Compiles to Test Proce	edure. AS 2741					
	st Results	Compiles to Test Proce	edure. AS 2741					
Manufacturer: Crosby Additional Notes on Tes	st Results	Site:	edule. AS 2741			Location:		
	st Results		edule. AS 2741	The above article were		examined by a com		
	st Results		edule. AS 2741		DELEGA			

Head Office ROBERTSONS

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5 Johnstone Rd P 07 3881 1445 F 07 3881 2662

BRISBANE SOUTH BRISBANE NORTH GOLD COAST 39 Dover Drive P 07 5535 8277 F 07 5535 8366

TOOWOOMBA 345 Taylor St Burleigh Heads Q 4220 Toowoomba Q 4350 Paget Q 4740 P 07 4634 6566 F 07 4634 6533

MACKAY 179 Boundary Rd 4 Tranberg St P 07 4952 5520 F 07 4952 5545

GLADSTONE P 07 4972 6511 F 07 4972 6899

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NEWCASTLE 33 Firebrick Drive P 02 4966 8622 F 02 4966 8611

MUSWELLBROOK Lot 49 Thomas Mitchell Dr Thornton NSW 2322 Muswellbrook NSW 2333 P 02 6541 5100 F 02 6543 3233



Customer Name and Address

Huracan Pty Ltd Po Box 1070 Roma

QLD

Customer Order No: TESTING

Sales Order No: 560616

Job No: 560616-3

Test Type: Proof Test

Certificate No: 191707

Test/Report Date: 25/07/14

Laboratory: Toowoomba

Accrediation No: 2993

Identification Mark	ings Description	Effective Length	Finish	W.L.L	Angle	Qty	Minimum Load / Force Applied (kN)
			0 1 1	4 00T	Direct	2	23.9kN
N7538, N7539	Wire Rope Sling IWRC Size 10mm Construction 6/36 Grade 1770 Machine Spliced Thimble Eyes	1524mm	Galvanised	1.22T	Direct	2	23.3814

Manufacturer: JLR

Complies to Test Procedure: AS 1666.1

Result: Pass

Additional Notes on Test Results

Refer To Mill Certificate-E165866/12

Site:

Location:

WORLD RECOGNISED

Accredited for compliance with ISO / IEC 17025

The results of the tests, calibrations and /or measurements included in this document are traceable to Australian/National Standards

The above article were tested and examined by a competent person Signed:

DELEGATED ON BEHALF OF ANDY CAMPBELL

Authorised Signatory

Mark O'Connell

- Head Office ROBERTSONS

4 Burchill St Loganholme Q 4129 Brendale Q 4500

P 07 3801 0811 P 07 3881 1445 F 07 3209 6325

F 07 3881 2662

BRISBANE SOUTH BRISBANE NORTH GOLD COAST 39 Dover Drive 5 Johnstone Rd Burleigh Heads Q 4220 Toowoomba Q 4350 Paget Q 4740 P 07 5535 8277 F 07 5535 8366

TOOWOOMBA 345 Taylor St P 07 4634 6566 F 07 4634 6533

MACKAY 179 Boundary Rd 4 Tranberg St F 07 4952 5545 F 07 4972 6899

GLADSTONE P 07 4952 5520 P 07 4972 6511

LAVERTON 4/28-30 Little Boundary Rd 28 Swift Way Galdstone Q 4680 Laverton North Vic 3028 P 03 9315 1520 F 03 9315 1540

DANDENONG Dandenong Sth Vic 3175 P 03 9768 3244 F 03 9768 3422

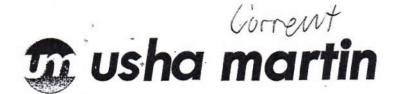
PERTH SYDNEY P 08 9451 1522

16 - 18 Kewdale Rd 50 Skarratt St North Galdstone WA 6106 Silverwater NSW 2128 P 02 9748 3044 F 08 9451 1533 F 02 9648 4120

MUSWELLBROOK NEWCASTLE Lot 49 Thomas Mitchell Dr 33 Firebrick Drive Thornton NSW 2322 Muswellbrook NSW 2333 P 02 4966 8622 P 02 6541 5100

F 02 4966 8611

F 02 6543 3233



Usha Martin Limited
(Wire Ropes & Speciality Products Division)

Works : Tatisilwai - 835103, Ranchi, Jharkhand Ph.: (00 91 651) 3051400 / 2265241 Fax : (00 91 651) 3051409 / 410

INSPECTION CERTIFICATE

F/QP-2-17/33R Rev : 1

Date of Test: 15-12-13

Certificate Number : E 165866/ 12

Date: 15-12-2013

Customer

: USHA MARTIN AUSTRALIA PTY LTD.

Customer Order Ref Works Order Number : UMAu-101/1314 Date:15-11-13 : 945291/ 5 Date:21-11-13

Reel Number

: 165866/12 (SS No:51)

Manufacturer

: USHA MARTIN LIMITED, INDIA

SPECIFICATION -

Applied Standard

: AS-3569/2010

Nominal Diameter of Rope

10 mm

Construction .

6X36WS

Strand Construction

14-7+7-7-1

Preformed

Tensile Grade of Steel Wire : Wire Finish/Material Grade :

: 1770 N/mm2 : Galvanized

Type of Core/Lay Direction

IWRC / RHO 1000.00 Mtr

Length of Rope Mass/Unit Length (Apprx.)

0.412 Kg/Mtr

Lubrication

A2 /Petroleum Lube

Minimum Breaking Force

63.0 kN

Prestretching

NA

RESULTS OF TEST & EXAMINATION

Measured Dia. Off-tension : 10.2200 mm
Measured Lay Off-tension : 65.5000 mm
Measured Breaking Force : 74.5 kN

This is to certify that the above tests have been carried out in accordance with the Speicification

867576/ 4

Signature of
Competent Person
Munna Singh Yadav
Dy. Manager (QA)
Usha Martin Limited
Ranchi, Jharkhand







