



UNIVERSAL INSPECTION (UK) LTD

E.C. DECLARATION OF CONFORMITY

Client:	Blue Manta International Ltd 5 Kirkton Avenue Pitmedden Road Industrial Estate Dyce Aberdeen AB21 0BF	Test House:	Universal Inspection (UK) Ltd Greenwell Road East Tullos Aberdeen AB12 3AX Tel: 01224 894949 Fax: 01224 898844
P.O. No:	TO BE ADVISED	Requisition No:	131456
Cert No:	131456/175	Inspection Date:	24/06/2014

Serial no:	Qty	Description	WLL	Proof load
7506/A	01	FOUR LEG WIRE ROPE SLING ASSEMBLY TO DNV 2.7-1 4 LEGS 3.2M x 26mm DIA 1960 GRADE IWRC GALVANISED CONNECTED VIA HA32QA QUAD ASSEMBLY	11 TONNE 0-45°	17.4 TONNE PER LEG @ 0°
7506/B-E	04	SAFETY PIN BOW SHACKLES	8.5 TON	17 TON
<i>MANUFACTURED UNDER DNV TYPE APPROVAL CERTIFICATE: S-6557</i> A FULL COMPONENT DOCUMENT PACKAGE ACCOMPANIES THIS CERT				

Declaration: I hereby declare that the above items described comply with all the requirements of The Machinery Directive 2006/42/EEC.

	COMPLETED BY	APPROVED BY	ACCEPTED BY
ENGINEER	<i>M. WATTS</i>	<i>W. MOIR</i>	
SIGNATURE			
DATE	24/06/2014	24/06/2014	



Certificate of Steel Wire Rope No.419972

Undersigned declares that the information stated below is in conformity with the original factory Test-Certificate and document IK06R0821

Customer Steel Wire Rope delivered to Universal Inspection (UK) Limi
Unit 1A, Greenwell Road

East Tullos
Aberdeen
AB12 3AX

Supplier Steel Wire Rope supplied by RopeQuip UK Ltd.
2a Meridian Street
Montrose
DD10 8DS

Sizes Nominal rope diameter 26mm
Construction 6 x 36 + IWRC
Lay RHOL
Quantity 500 Metres
Reel No: 22103
Original Test Date: 27/09/2013

Wires Tensile strength of wire 1960
Material GALV

Strength Minimum Breaking Load 472 kN
Actual Breaking Load 532.8 kN

Standard Production according BS EN 12385-4:2002

Customer Order No.: Consignment Stock

The item above must not be put into service until the relevant lifting accessory into which it is to be incorporated has been declared in conformity with the provisions of the Machinery Directive.

Date.: 11/02/2014

Signed:



UNIVERSAL INSPECTION (UK) LTD	
REEL No.	W1610C
DATE RECEIVED	11-02-14
DATE FINISHED	
CERTIFICATE No.	419972



Lifting Equipment
Engineers Association

RopeQuip UK Ltd.
2A Meridian Street,
Montrose,
Angus,
DD10 8DS, Scotland

Tel. (01674) 671133
Fax (01674) 676523
Vat Number GB 774749182
Company Reg Number 219404 (Scotland)

RopeQuip is a registered trademark of Hendrik Veder Group B.V.



Test Certificate for Oblong Master Links/Sub-assemblies
Declaration of conformity acc. to Directive 2006/42/EC, Annex II 1. B

Certificate number **CC14 0021**

Supplied To: **William Hackett (N)**
Customer Order No.: **007642**
Scaw Order No.: **604217**
Order date: **23 January 2014**
Dispatch date: **30 January 2014**
Commodity No.: **OSA320DNV**
Product Description: **HA-32 QA Oblong Sub-Assembly to DNV 2.7-1**
Total Quantity: **251 Each**

Batch number: **13K**
Drum number: **22-29**
Quantity per batch: **251**

Date of manufacture: **Nov 2013**
Date tested: **Dec 2013**

Markings: **HA-32 QA & Batch Number**
Intended for: **Lifting slings**

Mechanical properties:

Working Load Limit: **17.1 tonne at 45° to the vertical**
Proof Force Minimum: **420 kN** Proof Force: **420 kN**
Break Force Minimum: **838 kN** Break Force Exceeds: **838 kN**
Safety Factor: **5 : 1**
Charpy V-notch Impact value: **≥42** Joule at -20°C

Chemical analysis of steel:

	C	Si	Mn	P	S	Ni	Cr	Mo	Al
Specification Min	0.20	0.15	1.10	0	0	0.40	0.40	0.20	0.025
Max	0.25	0.25	1.30	0.025	0.020	0.60	0.60	0.30	0.080

Notes:

All DNV links are specially heat treated after proof testing to minimize the risk of Hydrogen embrittlement and stress corrosion cracking

Manufacturer's certificate refers to DIN EN 1677-4 for components.

Declaration of Incorporation of partly completed machinery refer to the Directive 2006/42/EG, Annex II 1.B

Assembling instruction refer to the relevant European standard, Directive 2006/42/EG.

SANS ISO 9001:2008 approval by SABS (Reg no: 2000/0138581/07) - Address: 1Dr Lategan Road, Groenkloof, Private Bag X 191, Pretoria, 0001, RSA

Company Representative: L. Engelbrecht (General Manager - McKinnon Chain a division of Scaw South Africa (PTY) Ltd)

Technical file compiled and certificate signed off by: Z. Mudau (QA Manager) - Use company address above

After treatment of chain : This certificate is only applicable to goods properly used in the condition supplied by McKinnon Chain a division of Scaw South Africa (PTY) Ltd. Further processing by, or on behalf of, the user (involving: Cold Working, Heating, Electroplating, Hot-dip Galvanizing or other treatments) is entirely the User's responsibility and invalidates . This Certificate is invalidated by any alterations and/or deletion.

The components are designed, approved, tested and certified in accordance with the following specification / standard:

DNV2.7-1

This certificate is based on DNV type approval no. S-7732.

Vereeniging, Gauteng, RSA

Authorized Person

Z. Mudau (QA Manager)

Signature



2014-01-30