



ABERDEEN LIFTING SERVICES LTD

CERTIFICATE OF TEST, EXAMINATION AND INSPECTION REPORT

Provision and use of Work Equipment Regulations-SI 2306

Lifting Operations and Lifting Equipment Regulations- SI 2307

CLIENT:	BLUE MANTA 6 KIRKTON AVENUE PITMEDDEN RD IND EST DYCE ABERDEEN AB21 0BF	TEST HOUSE:	ABERDEEN LIFTING SERVICES LTD HOWE MOSS CRESCENT KIRKHILL INDUSTRIAL ESTATE, DYCE ABERDEEN AB21 0GN TEL: 01224 723333 FAX: 01224 723311
P.O. NO:	17284	REQUISITION NO:	
CERT NO:	F1762-01	INSPECTION DATE:	22/05/2014

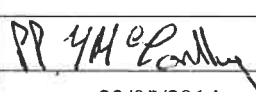
SERIAL NO:	QTY	DESCRIPTION	SWL/PAYLOAD	PROOF LOAD
BM-SP-6523	1	65" SPOOLING UNIT TO DNV2.7-1 & BSEN12079 2.14M x 1.90M x 2.00M APPROX ALL WELDED STEEL CONSTRUCTION C/W 4 TOP MOUNTED LIFTING POINTS TARE WT: 1600 KGS GROSS WT: 10000 KGS 4 POINT TEST	8400 KGS	25000 KGS

M.P.I INSPECTION DETAILS

PROCEDURE:	ALNDT.01A REV 03	EQUIPMENT:	Y6 YOKE	METHOD:	WET CONTINUOUS
SPECIFICATION:	ASTME1444/E1444 M-11	MEDIA:	NPT 16 WHITE PAINT	INSPECTOR:	D.CRAIG
MATERIAL:	WELDED CARBON STEEL	INDICATOR:	BLACK INK	QUALS:	SNT 11

RESULTS: A MAGNETIC PARTICLE INSPECTION WAS CARRIED OUT ON LIFTING POINT WELDMENTS. ON THE EQUIPMENT NO CRACK OR CRACKLIKE INDICATIONS WERE NOTED AT TIME OF INSPECTION.

DECLARATION: I HEREBY DECLARE THAT THE ABOVE INFORMATION IS CORRECT AND THE EQUIPMENT HAS BEEN TESTED AND THOROUGHLY EXAMINED IN ACCORDANCE WITH THE APPROPRIATE PROVISIONS AND IS FREE FROM DEFECTS AFFECTING SAFETY.

	COMPLETED BY
ENGINEER	D.CRAIG
SIGNATURE	
DATE	22/05/2014

NEXT INSPECTION DATE: 21/11/2014
DATE OF MANUFACTURE: MAY 2014





ABERDEEN LIFTING SERVICES LTD

MAGNETIC PARTICLE INSPECTION REPORT

CUSTOMER: BLUE MANTA	LOCATION: ALS YARD
P.O. No: 17284	CERT No: F1762-02
JOB No:	DATE OF INSP: 22/05/2014

JOB DESCRIPTION:

100% MAGNETIC PARTICLE INSPECTION WAS CARRIED OUT PRE AND POST LOAD TEST ON ALL LOAD BEARING WELDS & 20% SECONDARY WELDS

ITEM: SPOOLING UNIT	
QUANTITY: 1	SURFACE: AS WELDED
SERIAL No: BM-SP-6523	EQUIPMENT: Y6 YOKE
PART. No: N/A	MEDIA: NPT 16 WHITE PAINT
MATERIAL: CARBON STEEL	INDICATOR: BLACK INK
PROCEDURE: ALNDT.01A REV 03	METHOD: WET CONTINUOUS
SPECIFICATION: ASTM E1444/E1444M-11	

RESULTS: NO CRACK OR CRACKLIKE INDICATIONS ARE NOTED AT TIME OF INSPECTION.

	COMPLETED BY
ENGINEER/TECHNICIAN	D.CRAIG
SIGNATURE	<i>PP 4H C. Craig</i>
DATE	22/05/2014





ABERDEEN LIFTING SERVICES LTD

E.C. DECLARATION OF CONFORMITY

CLIENT: BLUE MANTA 6 KIRKTON AVENUE PITMEDDEN RD IND EST DYCE ABERDEEN AB21 0BF	TEST HOUSE: ABERDEEN LIFTING SERVICES LTD HOWE MOSS CRESCENT KIRKHILL IND EST ABERDEEN AB21 0GN TEL: 01224 723333 FAX: 01224 723311
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DECLARATION No.	CUSTOMER ORDER No.		REQUISITION No.	DATE
F4633-01	18159			29/08/2014
I.D. NUMBER	QTY	DESCRIPTION	WLL/ PAYLOAD	PROOF LOAD
BM-SP-6523/1A	1	FOUR LEG WIRE ROPE SLING TO DNV2.7-1 (2013) LEGS 2.4M x 26MM DIA IWRC FITTED TO A347/31 QUAD ASSEMBLY TENSILE GRADE: 1960N/MM2 FLEMISH EYE	10 TONNE 0-45 DEG	17.4 TONNE PER LEG
23/2P-5P	4	SAFETY PIN BOW SHACKLES (POLAR)	8.5 TON	17 TON

DECLARATION: I declare that the items described above comply with all the requirements of The Machinery Directive 2006/42/EC 1ST Edition 2009.

	COMPLETED BY:
ENGINEER.	B.MAKAR
SIGNATURE.	<i>Borhanij Makar</i>
DATE.	29/08/2014

NEXT INSPECTION DATE: 28/02/2015
DATE OF MANUFACTURE: 29/08/2014

CERT No: PP094474-707



ABERDEEN LIFTING SERVICES LTD

CERTIFICATE FOR OFFSHORE CONTAINER LIFTING SLINGS

MANUFACTURER:	ABERDEEN LIFTING SERVICES LTD		ADDRESS:	HOWE MOSS CRESCENT KIRKHILL IND EST DYCE ABERDEEN, AB21 0GN
CLIENT	BLUE MANTA			
DET NORSKE VERITAS TYPE APPROVAL No:		TYPE DESIGNATION:		
S-6558		LIFTING SETS FOR OFFSHORE CONTAINERS		
DESCRIPTION OF THE SLING:		IDENTIFICATION No:		
1 x 4 LEG WIRE ROPE SLING		SLINGS: BM-SP-6523/1A SHACKLES: 23/2P-5P		
WORKING LOAD LIMIT (WLL)	ANGLE OF LEGS (TO VERTICAL)	DIAMETER OF SLING LEGS:	LENGTH OF LEGS:	
10 TONNE	0-45 DEG	26MM DIA IWRC	2.4M	
WIRE ROPE SLINGS				
REFERENCE STANDARD:	GRADE OF WIRE ROPE		GRADE OF TERMINAL FITTINGS	
DNV2.7-1: 2013	1960N/mm ²		GRADE 80	
TESTS CARRIED OUT ON SLING:	DNV2.7-1 (2013)	TEST REPORT No:	F4633-01	
LIFTING SET COMPONENTS- (SHACKLES TO BE INCLUDED ONLY IF ASSEMBLY SECURED) (IF NEW COMPONENTS ARE INSTALLED BEFORE RE-CERTIFICATION, REFERENCE TO PREVIOUS CERTIFICATE NUMBER AND THE NEW COMPONENTS UNIQUE IDENTIFICATION MARK)				
DESCRIPTION	SUPPLIER/MANUFACTURER	IDENTIFICATION MARK	DNV TA No:	
26MM DIA IWRC WIRE ROPE	BRUNTON WOLF	B939		
A347/31 QUAD ASSY	CROSBY	10P	S-6401	
8.5 TON SAFETY PIN BOW SHACKLES (POLAR)	VAN BEEST	X8, 8AJ	S-5623	
THIS LIFTING SET HAS BEEN DESIGNED, APPROVED AND TESTED IN ACCORDANCE WITH DET NORSKE VERITAS STANDARD FOR CERTIFICATION No: 2.7-1 "OFFSHORE CONTAINERS (2013)"				
THIS SLING ALSO CONFORMS TO THE FOLLOWING STANDARDS(S):				
REMARKS: ALS CERT No: F4633-01				
THIS CERTIFICATE IS BASED ON DNV TYPE APPROVAL No. S-6558				
DATE: 29/08/2014 PLACE: ALS WORKSHOP NAME & TITLE: B.MAKAR	 MANUFACTURER NAME & ENDORSMENT			

QF48

INSPECTION CERTIFICATE
EN 10204:2004/3.1

02096312

Certificate Number 938403002002
 Customer USHA MARTIN UK LTD
 Customer Code 12203
 Invoice No BWR/21400183
 Reel no 938403/02/02
 Manufacturer of the Rope:

Date :21-05-2014

Date :11-05-2014

Date :08-05-2014

BRUNTON WOLF WIRE ROPES FZCO

SPECIFICATION

Product : Steel Wire Rope
 Applied standard : EN12385/4/2002
 Nominal Diameter of rope : 26.00 mm
 Construction : 6X36
 Strand construction : 14-7+7-7-1
 Tensile grade of steel wire : 1960 N/mm²
 Wire Finish/Material grade : Galvanised
 Length of rope : 500 Mtr
 Mass/unit length (appx) : 2.814 kgs/mtr
 Type of core/Lay direction : IWRC / RHO
 Lubrication : A2 / PETROLEUM LUBE
 Minimum breaking force : 472 kN

6939

RESULTS OF TEST & EXAMINATION

Measured dia. Off-tension : 26.60 mm
 Measured lay. Off-tension : 165.00 mm
 Measured breaking force : 498.5 kN

INDIVIDUAL WIRE TESTS

Sl no	Wire dia mm	Tensile strength N/mm2 (avg)	Bend (avg)	Torsion (avg)	Knot Test	Wt.of Zinc Coating(avg) g/sqm
1	1.65	2075	14	32	NA	115
2	1.23	2042	16	34	NA	104
3	1.18	2066	16	32	NA	91
4	0.91	2114	15	36	NA	74
5	1.45	2063	15	34	NA	113

CHEMICAL ANALYSIS OF WIRE ROD

Sl no	Wire dia mm	Carbon%	Manganese%	Silicon%	Sulphur%	Phosphorus%
1	1.65	0.770	0.760	0.150	0.008	0.010
2	1.23	0.770	0.760	0.150	0.008	0.010
3	1.18	0.770	0.760	0.150	0.008	0.010
4	0.91	0.770	0.760	0.150	0.008	0.010
5	1.45	0.770	0.760	0.150	0.008	0.010

This is to certify that the above tests are in accordance with the specification.

Signature of
 Competent person



P.O. Box 17491
 Jebel Ali Free Zone
 Dubai - UAE



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 LSPY-012-10N

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Email : wireropes@bsme-uae.com

Website : www.bruntonwolf.com

theCrosbygroup

www.thecrosbygroup.com

Station Street, Cradley Heath
West Midlands B64 6AJ, United Kingdom

Phone: 01226 290516

Fax: 01226 240118

INSPECTION

CERTIFICATE 31

CERTIFICATE NO. TC2-2014071700059

SUPPLIED TO Aberdeen Lifting Limited

YOUR ORDER NO.

QTY	DESCRIPTION
2	1258182 A347 31/25MM Welded Master Link Assembly (ML - 31x145x275), To EN 1677-4

MATERIAL PROPERTIES

ITEM	PIC	HEAT NUMBER	PROOF LOAD APPLIED	IMPACT TEST TYPE: CHARPY V (JOULES) TO ASTM A370-08/ASTM E23-07	
				TEMP °C	AVERAGE
MAIN LINK	10P	E01141309	417 kN	-20	> 42 JOULES

Magnetic Particle Testing, Type: Wet, Certified to EN 1677-4 (Main Link)

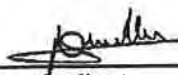
MAIN LINK

STEEL SPECIFICATION	C	Mn	P	S	Si	Ni	Cr	Mo	Al
MIN (ML + CPL)	0.18	0.70	-	-	0.20	0.40	0.40	0.15	0.020
MAX (ML + CPL)	0.23	0.90	0.040	0.040	0.35	0.70	0.60	0.25	-

REFERENCE DNV MSA R-3130 AND TYPE APPROVAL S-6401.

WE HEREBY DECLARE THAT THE EQUIPMENT DESCRIBED ON THIS DOCUMENT HAS BEEN TESTED AND EXAMINED,
AND MEETS THE ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF THE MACHINERY DIRECTIVE.

CERTIFIED ON BEHALF OF THE COMPANY

Date: July 17, 2014
Date of IssuanceSignature: 
Quality Assurance

P.O. Box 57, 3360 AB Sliedrecht
Industrieweg 6, 3361 HJ Sliedrecht
The Netherlands
Tel. +31 184 41 33 00
Fax. +31 184 41 49 59
email: sales@vanbeest.nl
www.vanbeest.nl



Brierley Lifting Tackle Co
Timmis Road, Lye
DY9 7BQ Stourbridge, West Midlands
United Kingdom

INSPECTION CERTIFICATE TO EN 10204 - TYPE 3.1

Number 80075082 Date 11.09.2013
Customer no. 30191 Page 4 / 8

Our order no.	Your ref. no.
111749	8240

Qty.	Description
20	POGHMB25 G-5163, Green Pin® Polar Shackles, bow shackles with safety bolt, for use under extreme climatic conditions, hot dipped galvanized, diameter bow 25 mm, diameter pin 28 mm, WLL 8.5 ton

Material properties

Material properties											
Line	Charge no.	Yieldpoint (N/mm2)	Tensile Strength (N/mm2)	Elongation (%)	Impact test type: Charpy V (Joules)				Item	Traceability	
					temp (°C)	1	2	3	Avg		
1	6611010630	910	1020	15	-20	111	112	117	113	Bow	V 8 GP
2	6610080576	745	865	16	-40	92	66	100	86	Pin	GP 8 AJ

Chemical composition

Line	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %	V %	Cu %		
1	0.350	0.190	0.590	0.009	0.007	0.990	0.160	0.050		0.140		
2	0.330	0.190	0.470	0.009	0.005	0.870	0.160					

J.J. Vermeulen (QA-Manager)



VAN BEEST B.V., manufacturer and supplier of wire rope and chain fittings.

Registered trade marks "Green Pin" and "Excel". Member of Van Beest International.

Rabobank account nr, 35 93 43 155, IBAN code: NL86RABO0359343155, SWIFT/BIC code: RABONL2U

VAT number NL 0091.33.835.B01, Chamber of Commerce Rotterdam - No. 23009317. All our offers and contracts are subject to our General Conditions of Sale as registered with the District Court of Dordrecht on March 12, 2012 under number AL 5/2012:

Form : KF-10-16E

Issue date: 11.09.2013