

CERTIFICATE OF VISUAL EXAMINATION OF LIFTED EQUIPMENT

Certificate No.:	V23869	Date of Inspection:	27/9/2024
Job No:	NA	Name of Inspector:	TYLER HAYMAN
Client:	Blue Manta (Asia) Pty Ltd	Location of Inspection:	FORRESTDALE - CCU's Allen Rd

OWNERS' ID #	DESCRIPTION OF ITEM	NUMBER OF ITEMS	TEST / INSPECTION SPECIFICATION	RESULT	W.L.L.	Previous Inspections
BM-B-4534	45 FOOT CARGO BASKET DIMENSIONS: 14221 mm (L) x 1420 mm (W) x 1293 mm (H) TARE: 4750 kg PAYLOAD/NETT: 12850 kg MGW: 17600 kg CERTIFICATE OF CONFORMITY #: 96388 PROOF LOAD #: 96388 DATE: 22/2/2010 MANUFACTURER: INTERNATIONAL FABRICATION SERVICES	1	EN/ISO 10855-3 DNVGL-ST-E271 (DNV 2.7-1)	PASSED	17600 kg	NDT TEST CERT: EC5372-1 NDT DATE: 27/9/2024
						CVI TEST CERT: VER-021-190.18 CVI DATE: 26/7/2024
COMMENTS:						

THIS INSPECTION SERVICE HAS BEEN ACCREDITED FOR COMPLIANCE WITH ISO/IEC 17020.
THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL.



NATA ACCREDITATION NUMBER: 19716

I HEREBY CERTIFY THAT THE ABOVE ITEMS WERE THOROUGHLY EXAMINED AND
FOUND TO BE SUITABLE FOR ITS INTENDED USE AT THE TIME OF INSPECTION AND
INSPECTON PLATE STAMPED:
INSPECTION DATE: 27/9/2024

NAME OF APPROVED SIGNATORY: RAYMOND GOLDSWORTHY

SIGNED: 

ISSUE DATE: 27/9/2024

**CERTIFICATE OF VISUAL EXAMINATION
OF WIRE ROPE**

Certificate No.:	V23869-1	Date of Inspection:	27/9/2024
Job No:	NA	Name of Inspector:	TYLER HAYMAN
Client:	Blue Manta (Asia) Pty Ltd	Location of Inspection:	FORRESTDALE - CCU's Allen Rd

OWNERS' ID #	DESCRIPTION OF ITEM	NUMBER OF ITEMS	TEST / INSPECTION SPECIFICATION	RESULT	W.L.L.	Previous Inspections
BM-B-4534/1	4 LEG WIRE ROPE MANUFACTURER: TLC PROOF LOAD CERTIFICATE: 206782-1 DATE: 9/9/2024 NUMBER OF LEGS: 4 GRADE OF CONSTRUCTION: 1960 LEG LENGTH: 4480 mm SHACKLE SIZE: 12 T DIAMETER: 32 mm SHACKLE ID: AF/AU MASTERLINK/HEADRING: HA36QA	1	DNVGL-ST-E271 (DNV 2.7-1) AS 1666 EN 13414.2	PASSED	17.6T @ 0-45°	NDT TEST CERT: EC4630-2 NDT DATE: 27/9/2024
						CVI TEST CERT: 206782-1 CVI DATE: 9/9/2024
COMMENTS:						

THIS INSPECTION SERVICE HAS BEEN ACCREDITED FOR COMPLIANCE WITH ISO/IEC 17020.
THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL.



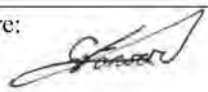
NATA ACCREDITATION NUMBER: 19716

I HEREBY CERTIFY THAT THE ABOVE ITEMS WERE THOROUGHLY EXAMINED AND
FOUND TO BE SUITABLE FOR ITS INTENDED USE AT THE TIME OF INSPECTION AND
SLING TAG STAMPED:
INSPECTION DATE: 27/9/2024

NAME OF APPROVED SIGNATORY: RAYMOND GOLDSWORTHY

SIGNED: 

ISSUE DATE: 27/9/2024

Manufacturer: The Lifting Company Pty Ltd		Address: 3-5 Ballantyne Road, Kewdale, W.A 6105	
Type Approval No: TAS00002FC			
Working Load Limit: 17.6tt	Angle of legs (to Vertical) 30 degrees	Diameter of sling legs Fore runner: N/A Bottom Legs: 32mm	Length of Legs: Fore runner: N/A Bottom Legs: 4.48mtr
Description of sling: 4.65mtr (effective length) x 28mm 4 leg wire rope sling complete with MT-24T-OS Quad link to 9.5t WLL Green Pin safety bow shackles at the bottom			Identification number: BM-B-4534/1
Wire Rope Slings			
Reference standard: AS2759-2004		Material grade: 1960	Grade of terminal fittings: Grade 6
Tests carried out on sling: Master / Quad Link: 347.3kN Fore runner: N/A Bottom legs: 193.6kN		Test report No: 206782-1	Test standard: AS 1666.1 – 2009
Lifting Set Components			
Description:	Supplier/manufacturer	Identification mark:	DNV TA No:
Quad Link	Scaw	1ZE99	TAS000001BN
Wire Rope	Usha Martin	UMAu-041-2324/9	N/A
Shackle	Van Beest	Pin: AU Body: AF	TAS00001D0
This lifting sling set has been designed and approved in accordance with DNVGL-ST-E271-2021. Certified in accordance with AS1666.1-2009			
This sling also conforms with: EN13414-1 Wire rope slings			
Remarks: Shackles are not encapsulated.  			
Owner: Blue Manta Pty Ltd	Owner Address: 84 Allen Rd, Forrestdale WA 6112		Purchase Order: 0000006204
Date: 9/9/24	Signature Name: Graeme Forward		Signature: 

INSPECTION DETAILS					
Test Certificate Number:	EC5372-1		Test Date:	27/9/2024	
Owner:	Blue Manta (Asia) Pty Ltd		Test Location:	FORRESTDALE - CCU's Allen Rd	
Equipment ID:	BM-B-4534		Description:	Lifted Equipment	
Owner PO:	N/A		Job Number:	N/A	
INSPECTION CRITERIA					
Test Procedure:	Eddy Current Test Procedure (OEGAU-Q-PROCD-063)				
Applicable Standards:	AS/ISO 17643: 2020 Non-destructive testing of welds – Eddy current testing of welds by complex-plane analysis				
Acceptance Criteria:	Report findings				
Test Restrictions:	SOME INTERNAL WELD AREAS NOT ACCESSIBLE WITH PROBE				
* Material Type:	Carbon Steel		Material Thickness:	= > 6mm	
Coating Type:	Painted		Coating Thickness:	1.0-1.5 mm	
Surface Prep:	Painted / Solvent Clean		* Heat Treatment:	N/A	
TEST EQUIPMENT AND SETTINGS					
EC Unit set:	Olympus NORTEC 600 (EC005)			Serial Number:	220288212
Test Block Serial Number:	34850			Other:	N/A
Probe Type	Serial No.	Frequency (kHz)	Gain (dB)	Phase Angle	Sensitivity
Absolute	S23853	10 kHz	52.8 dB	336.0 DEG	100% FULL SCREEN HEIGHT ON BARE METAL
Differential	S24580	100 kHz	80.8 dB	139.0 DEG	80% FSH, 3 SHIM, 1MM NOTCH
RESULTS					
Area/Position Examined: 100% OF WELDS ON FOUR LIFTING PAD EYES INCLUDING H.A.Z. AREA					
Test Results/Photo ID: NO CRACK LIKE INDICATION DETECTED					

*Customer supplied information

Technician:	RAYMOND GOLDSWORTHY		Inspection and Testing Facility Accredited for compliance with ISO/IEC 17025 - Testing Accreditation No: 19716 Site Number: 22948	 	
Qualification:	AS/ISO9712 ET(W) Lv2				
Approved Signatory:	RAYMOND GOLDSWORTHY				
Signature:					
Issue Date:	27/9/2024				

Decision rule measurement of uncertainty meets the requirements of OEGAU-Q-PROCD-070 Control of NDT Procedure

This document shall not be reproduced, except in full.

EDDY CURRENT TEST CERTIFICATE



INSPECTION DETAILS					
Test Certificate Number:	EC4630-2		Test Date:	27/9/2024	
Owner:	Blue Manta (Asia) Pty Ltd		Test Location:	FORRESTDAL - CCU's Allen Rd	
Equipment ID:	BM-B-4534/1		Description:	Wire Rope Sling	
Owner PO:	N/A		Job Number:	N/A	
INSPECTION CRITERIA					
Test Procedure:	Eddy Current Test Procedure (OEGAU-Q-PROCD-063)				
Applicable Standards:	AS/ISO 17643: 2020 Non-destructive testing of welds – Eddy current testing of welds by complex-plane analysis				
Acceptance Criteria:	Report findings				
Test Restrictions:	NIL				
* Material Type:	Carbon Steel		Material Thickness:	= > 6mm	
Coating Type:	Painted		Coating Thickness:	<0.5 mm	
Surface Prep:	Painted / Solvent Clean		* Heat Treatment:	N/A	
TEST EQUIPMENT AND SETTINGS					
EC Unit set:	Olympus NORTEC 600 (EC005)			Serial Number:	220288212
Test Block Serial Number:	34850			Other:	N/A
Probe Type	Serial No.	Frequency (kHz)	Gain (dB)	Phase Angle	Sensitivity
Absolute	S23853	10 kHz	52.8 dB	336.0 DEG	100% FULL SCREEN HEIGHT ON BARE METAL
Differential	S24580	100 kHz	72.4 dB	139.0 DEG	80% FSH, 1 SHIM, 1MM NOTCH
RESULTS					
Area/Position Examined: 100% OF MASTERLINK AND QUAD ASSEMBLY					
Test Results/Photo ID: NO CRACK LIKE INDICATION DETECTED					

*Customer supplied information

Technician:	RAYMOND GOLDSWORTHY	Inspection and Testing Facility Accredited for compliance with ISO/IEC 17025 - Testing Accreditation No: 19716 Site Number: 22948	 	
Qualification:	AS/ISO9712 ET(W) Lv2			
Approved Signatory:	RAYMOND GOLDSWORTHY			
Signature:				
Issue Date:	27/9/2024			

Decision rule measurement of uncertainty meets the requirements of OEGAU-Q-PROCD-070 Control of NDT Procedure

This document shall not be reproduced, except in full.



International Fabrication Services Co.,Ltd.

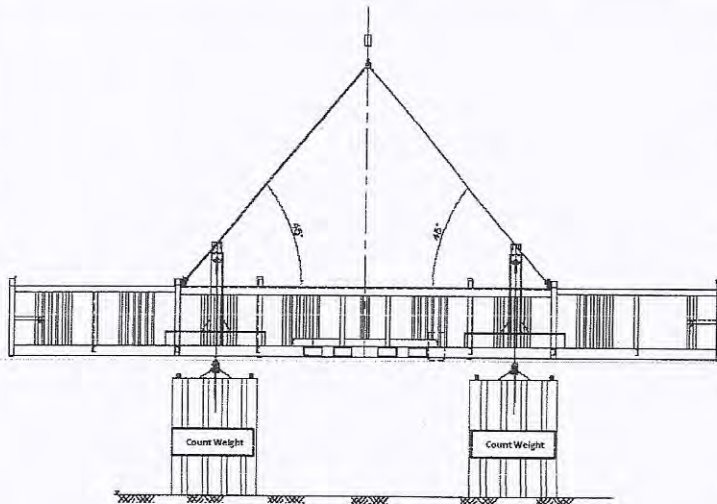
24/15 Moo 6 T. Samnakthon Banchang,
Rayong 21130 THAILAND
Tel : 037 658210 Fax : 037 658209
Website : www.inter-fab-services.com

Proof Load Test Inspection Report

CLIENT : SURETANK EXPORT LTD.
PO No. : T-0230
CONTAINER TYPE : 46FT BASKET
TAC No. : S-6109
PRODUCT No. : BM-B-4534

REPORT No. : BMB46-S-PLT-001
DATE : 22-Feb-10

EQUIPMENT (S) TESTED / INSPECTED ARE SHOWN IN PICTURE BELOW



- 2 POINT REQUIRED TEST LOAD = $R \times 1.5$

$$17,600 \times 1.5 = 26,400 \text{ Kg.}$$

- 4 POINT REQUIRED TEST LOAD = $R \times 2.5$

$$17,600 \times 2.5 = 44,000 \text{ Kg.}$$

- DIMENSIONS : (LxWxH) =

$$14,221 \times 1,420 \times 1,293 \text{ mm.}$$

- LOAD CELL SERIAL No. 7897

- ASSEMBLY DRAWING : ST3/CB-ST-46-01/D

- LOAD TEST ACCORDING TO DNV STANDARD FOR CERTIFICATION No. 2.7-1 OFFSHORE CONTAINERS

☐ 2 points THE ACTUAL LIFT FORCE ON CRANE : - Kg.
☒ 4 points THE ACTUAL LIFT FORCE ON CRANE : 44,530.00 Kg.

ATTACHEMENTS :

1. TEST CERTIFICATE No.: GLIS(T)/STH/323/L/112/0690 (LOAD CELL No. 7897)

NOTE :

1. WEIGHT FOR CERTIFICATION PURPOSES ARE AS FOLLOWS :

T = 4,750 Kg. P = 12,850 Kg. R = 17,600 Kg.

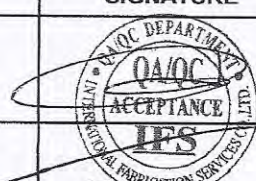
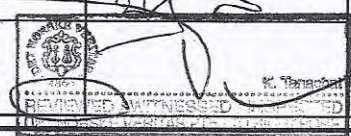
RESULT :



ACCEPTABLE



UNACCEPTABLE

		NAME	SIGNATURE	DATE
I.F.S.	TESTED / INSPECTED	MR. MANEE T.		22-Feb-10
	REVIEWED	MR. BUNDIT S.		22-Feb-10
D.N.V.	WITNESSED / APPROVED	MR. TANACHAT K.		Mar 12 2010



DET NORSKE VERITAS

Certificate No.: 96388

CERTIFICATE FOR OFFSHORE CONTAINER

Part 1

Offshore Container Type: 46FT BASKET		
Max. Gross Mass (Rating): 17,600 Kgs	Tare Mass: 4,750 Kgs	Payload: 12,850 Kgs
External Dimensions (LxWxH): 14,221 mm. x 1,420 mm. x 1,293 mm.		Design Temperature: Minus 20 Degree C
Det Norske Veritas Type Approval No./ Design Approval Reference: S-6109		Assembly Drawing No.: ST3/CB-ST-46-01/D
Manufacturer: International Fabrication Services Co.,Ltd.		
Type Designation: 55'x4' Pipe Basket - D7-55-17.00	Manufacturer's serial No: BM-B-4534	Date of manufacture: 22-02-2010
Production testing This offshore container, or another offshore container from the same fabrication series, has been subjected to the following proof test:		
Manufacturer's serial No. of the offshore container(s) tested: Unit No: BM-B-6004 (Prototype Test), BM-B-4534 to BM-B-4538 (Load Test)		Total test load (2,5R): 44,000 Kgs
Test date: 22-02-2010		
Minimum requirements for the lifting set This certificate is <u>only</u> valid when the container is fitted with a lifting set approved by DNV. (Certificates for lifting set / components of lifting set, or reference to owner's record, to be listed in Part 2)		
Min. shackle bolt diameter: 33.84 mm.	Max. angle of legs (from vertical): 45 Degree	Enhancement factor: 1.211
This Offshore Container has been designed, approved, manufactured and tested in accordance with Det Norske Veritas Standard for Certification no. 2.7-1 Offshore Containers.		
The container also complies with the following requirements and regulations: - IMO MSC/Cir.860 - EN 12079 - - -		
Remarks Note : Lifting sling set provided by Owner. Information to be listed by Owner. It should be noted that this certificate is only valid when the container is fitted with DNV approved lifting sling set.		
This field need only be filled in when the certificate is prepared by a manufacturer with an MSA agreement with DNV.		
Date:	(Name) Manufacturer	
Place:	Tanachat Kwaenthanyakorn Surveyor	
Date: 25-03-2010		
Place: Banchang, Thailand		
		
If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.		

CERTIFICATE FOR OFFSHORE CONTAINER, Part 2

Owner: Blue Manta International Limited		Owner's container identification no.: BM-B-4534		
Lifting set (Lifting slings, shackles and replacements to be listed)				
Description of parts	Supplier/Fabricator	Certificate No./ Reference to owner's record	Date	
See Note 4 LEG WIRE ROPE SLING TO DNV 2.7-1:2006 BM-B-4534/1	GLOBAL LIFTING	63953/0006	27/1/2010	
SAFETY PIN BOW SHACKLES 4534/1A-1D	GLOBAL LIFTING	63953/0006	27/1/2010	
Periodical inspection and recertification				
Date	Type of Inspection* (T, VN, V)	Report no./ Test Cert. no.	Sign./ Stamp **	Remarks
* Should be indicated by one of the following suffixes: V Suffix V to indicate visual examination only VN Suffix VN to indicate visual examination and NDE T Suffix T to indicate visual examination, NDE and strength tested		** The signature of the competent person certifies that the Offshore Container, including its lifting set, has been thoroughly examined, and that defects affecting its safe working condition, if any, have been repaired.		