

Q1519.5A (Batch)

Offshore Batch Test Report

Report No.:-

YM2046/17

Cust.:- Blue Manta

Desc.:- 10ft Insulated AC Container

Serial No.:- BM-C-10106 to
BM-C-10107

Cust Ref.:- 0000024732

Design No. :- BMD-1116

BM-C-10106

YMC SOR No.:-16535

Total Quan.:- 2

Max Gross Weight (R) in kg:-

12,500

Tare Weight (T) in kg:-

3,550

Payload (P) in kg:-

8,950

Prototype for this design is Unit Serial Number:-

BM-C-1048

FOUR POINT LIFT TEST according to DNV 2.7-1 section 4.6.3.2

The container was loaded to a total mass equal to $(2.5 \times R) - T = 27,700$ kg.

The container was then lifted using all four lifting points and left suspended for five minutes. There was no visible deflection greater than 1/300 of span member during the test. There were no signs of significant permanent deformation or other damage after the test. The test was considered satisfactory.

IMPOTRANT: Hire Crane required if total mass exceeds 31,000kg.

Only if applicable - WEATHERPROOFNESS TEST according to DNV 2.7-1 section 5.4.2

The container was entered by the Inspector and the doors were then closed. After three minutes to allow the Inspector to become accustomed to the darkness, a powerful light was shone on all exterior surfaces and the Inspector attempted to observe any light penetration. The container was free from any observable light penetration. The test was considered satisfactory.

NON DESTRUCTIVE TESTING according to BS EN ISO 5817: Q/Level B (Stringent) BS EN 17637

After the above test(s) the container was inspected using Magnetic Partical Inspection Techniques. There were no defects found (see separate MPI Report for this unit).

This container was considered to have passed all the above tests satisfactorily.

Yorkshire Marine Containers Ltd. Test Station Stamp & Operator Signature:-

Print Name:- S KEIGH

Date:- 26-1-17

YORKSHIRE MARINE CONTAINERS LTD
TEST STATION
35, BLOOMINGDALE STREET
CATFOSSEY, BRISTOL
BRANDSBUCKLE
EAST YORKSHIRE YO25 8ES
Telephone: 01964 542146

Circulation: Jennie Goodfellow, Steve Barlow, Steve Rowley, Steve Hodges

This container was considered to have passed all the above tests satisfactorily.

Lloyds Register or DNV Inspector Stamp & Signature:-

Print Name:-

Date:-

COV172608
REVIEWED ☒ RC R
Birmingham Office
Lloyd's Register EMEA
21 FEB 2017

REPORT ON MAGNETIC PARTICLE (AND VISUAL) INSPECTION

All sections to be completed

QP 3017A (07/01/09)

Cust.: Blue Manta	Desc.: 10ft Insulated AC Container	Serial No.: BM-C-10106 to BM-C-10107
Cust Ref.: 0000024732	Design No.: BMD-1116	BM-C-10106
YMC SOR No.: 16535	Total Quan.: 2	

Equipment & Specification:-

 Tick here if this is a
 PROTOTYPE or BATCH TEST UNIT -> Before ☒ After (if no defects) ☐

Test Equipment:- Johnson Allen	Serial No.: 9404/9405
Surface Condition:- As Welded and Dressed	Procedure No.: Q1304B
Material/Grade:- Carbon Steel	Test Restrictions:- None
Distance between contacts:- 50 - 100mm	Test Indicator:- Burmah Castrol Strip
Inspection specification:- BS-EN ISO 9934	Viewing Conditions:- > 500 Lux
Acceptance Specification:- BS EN ISO 5817 Q/Level B (Stringent)	Standards:- BS EN ISO 23278 BS EN ISO 17638
Primary Structure:- BS EN ISO 17637	

100% Visual Inspection of all Welds:-

Signed (Inspector):- *P. Brockwell*Print Name:- *Paul Brockwell*

Belprin / Catfoss Factory

Date:- 26-1-17

20% Random Selection MAGNETIC PARTICLE INSPECTION of Base, Sides, Ends, Roof/Top, Door Assemblies (if applicable), Lashing Rings (if applicable) and all other non-essential Primary Structure spread around unit:-

Detection Medium:- Neocol B	Batch No.: B 2177
Contrast Paint:- Neopaint	Batch No.: A 270516

NDT PCN Level II Inspector sign and stamp:- *P. Brockwell*Print Name:- *Paul Brockwell*

Belprin / Catfoss Factory

Date:- 26-1-17

100% MAGNETIC PARTICLE INSPECTION of all Lifting Lugs, Post Welds, Fork Pockets and other essential and non redundant Primary Structure:-

Detection Medium:- Neocol B	Batch No.: B 2177
Contrast Paint:- Neopaint	Batch No.: A 270516

NDT PCN Level II Inspector sign and stamp:- *P. Brockwell*Print Name:- *Paul Brockwell*

Belprin / Catfoss Factory

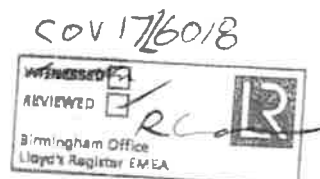
Date:- 26-1-17

If any defect is found after a Prototype or Batch Test then form QP 3017B (NC Report) must have all sections completed after rectification

Drawings applicable:-

Parts list:- BMD-1116 SK000/A
 General Assembly:- BMD-1116-01/A
 Base Assembly:- BMD-1116-02/A
 Bulkhead Assembly:- BMD-1116-03/A
 LH Side Assembly:- BMD-1116-04/A
 RH Side Assembly:- BMD-1116-05/A
 Door End Assembly:- BMD-1116-06/A
 LH Door Assembly:- BMD-1116-07/A
 RH Door Assembly:- BMD-1116-08/A
 Roof Assembly:- BMD-1116-09/A
 Decal Layout:- BMD-1116-10/A

Lloyds Register or DNV Inspector sign and stamp:-



21 FEB 2017

Print Name:-

Date:-

REPORT ON MAGNETIC PARTICLE (AND VISUAL) INSPECTION
All sections to be completed

QP 3017A (07/01/05)

Cust.: Blue Manta	Desc.: 10ft Insulated AC Container	Serial No.: BM-C-10106 to BM-C-10107
Cust Ref.: 0000024732	Design No.: BMD-1116	BM-C-10106
YMC SOR No.: 16535	Total Quan.: 2	
Equipment & Specification:-		Tick here if this is a PROTOTYPE or BATCH TEST UNIT -> Before ☐ After (if no defects*) ☒
Test Equipment:- Johnson Allen		Serial No.: 9404/9405
Surface Condition:- As Welded and Dressed		Procedure No.: Q1304B
Material/Grade:- Carbon Steel		Test Restrictions:- None
Distance between contacts:- 50 - 100mm		Test Indicator:- Burmah Castrol Strip
Inspection specification:- BS-EN ISO 9934		Viewing Conditions:- > 500 Lux
Acceptance Specification:- BS EN ISO 5817 Q/Level B (Stringent)		Standards:- BS EN ISO 23278 BS EN ISO 17638
Primary Structure:- BS EN ISO 17637		

100% Visual Inspection of all Welds:-

Signed (Inspector):- *A. Beccwell*
Print Name:- *Paul Beccwell*
Belprin / Catfoss Factory

Date:- 2-2-17

20% Random Selection MAGNETIC PARTICLE INSPECTION of Base, Sides, Ends, Roof/Top, Door Assemblies (if applicable), Lashing Rings (if applicable) and all other non-essential Primary Structure spread around unit:-

Detection Medium:- Neocol B	Batch No.: B 2177
Contrast Paint:- Neopaint	Batch No.: A 210516
NDT PCN Level II Inspector sign and stamp:- <i>A. Beccwell</i>	
Print Name:- <i>Paul Beccwell</i>	
Belprin / Catfoss Factory	

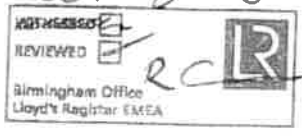
Date:- 2-2-17

100% MAGNETIC PARTICLE INSPECTION of all Lifting Lugs, Post Welds, Fork Pockets and other essential and non redundant Primary Structure:-

Detection Medium:- Neocol B	Batch No.: B 2177
Contrast Paint:- Neopaint	Batch No.: A 210516
NDT PCN Level II Inspector sign and stamp:- <i>A. Beccwell</i>	
Print Name:- <i>Paul Beccwell</i>	
Belprin / Catfoss Factory	

Date:- 2-2-17

If any defect is found after a Prototype or Batch Test then form QP 3017B (NC Report) must have all sections completed after rectification

Drawings applicable:- Parts list:- BMD-1116 SK000/A General Assembly:- BMD-1116-01/A Base Assembly:- BMD-1116-02/A Bulkhead Assembly:- BMD-1116-03/A LH Side Assembly:- BMD-1116-04/A RH Side Assembly:- BMD-1116-05/A Door End Assembly:- BMD-1116-06/A LH Door Assembly:- BMD-1116-07/A RH Door Assembly:- BMD-1116-08/A Roof Assembly:- BMD-1116-09/A Decal Layout:- BMD-1116-10/A	Lloyds Register or DNV Inspector sign and stamp:- <i>COV1726018</i>  21 FEB 2017 Print Name:- Date:-
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