



Offshore Container Certificate

Name of Manufacturer:	Address:
Modified by Taylor Brothers (Slipway and Engineering) Pty Ltd Manufactured by Dalian CIMC Logistics Equipment Co Ltd	5 Surveyors Drive, Derwent Park Tasmania 7009

This is to certify that the under noted Offshore Container, which was manufactured and tested in accordance with the requirements of Lloyd's Register Group Container Certification Scheme, has been inspected and found to be in accordance with the approved drawings and the prototype container identified as follows:

Offshore Container Type Description:		
Melbourne University Air Chemistry Container - 20"x8'x9'6" Steel Structure Offshore Container		
Max. Gross Mass (Rating):	Tare Mass:	Payload:
7960 kg	7960kg	Not Applicable
External Dimensions (LxWxH):	Design Temperature:	
6058L x 2438 W x 2591H	-40deg C	
Lloyd's Register Group Type Approval No.:	Assembly Drawing No.:	
GB-LR 61586 04/09	Approved Drawing: PLT - 335-G Rev B	
Purchaser:		
University of Melbourne - Earth Sciences		

Container Model No.:	Manufacturer's Serial No.:	Date of Manufacture:
ODG007	H002018/BSLU925148-3	13 December 2014

Specification of lifting set. This certificate is only valid when the container is fitted with approved lifting set.

Min. shackle bolt diameter:	Max. angle of legs (from vertical):	Min. safety factor (against breaking):	Wire ropes
35mm	45 degrees	Chain, shackles, rings, links	
		20 tonne at 45 degrees	4 leg rope 6x36 IWRC Wire Rope
			Ass'y SLXU09251164
			Webster Load Test: TAYA0008
			OPC Cert: OPC5167

Proof 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 container tested:	Total test load (2.5R):	Test date:
H002015	50,000kg	13 December 2014

The container also complies with the following requirements and regulations:

IMO MSC/Circ 860 (1998), EN12079-1:2006, DNV 2-7-1: 2006 and DNV 2-7-2 2013

Remarks:

No modifications made to the Primary Structure of the Container

Issued at **Melbourne**

on **06 May 2016**

Lloyd's Register International
Initials: TEA
Melbourne Energy Office
T. E. Askeland
Surveyor to Lloyd's Register International

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OFFSHORE SERVICE MODULE CERTIFICATE

Project: **Melbourne University Air Chemistry Container**

Client: **Taylor Brothers (Slipway and Engineering) Pty Ltd**

Office: **Melbourne**

Client's Order Number: **PO: 115103**

Date: **06 May 2016**

Order Status: **Complete**

Inspection Dates

First: **05 May 2016**

Final: **05 May 2016**

This certificate is issued to **Taylor Brothers, 5 Surveyors Way Derwent Park, Tasmania** to certify that the undernoted container was manufactured and tested in accordance with the **DNV 2-7-2: Offshore Service Modules** and have been inspected during manufacture, fit-out & testing and found to comply with the approved drawings, standards and specifications

Description

Melbourne University Air Chemistry Container

6058mm x 2438mm x 2896mm Offshore Container

Design Code	DNV2-7-2:2013
Serial Number	H002018
Container Number	BSLU925148-3
Drawing Number	13303-013 Rev A (GA)
Maximum Gross Weight	7960kg
Design Temperature	-40°C

Scope

1. Design Appraisal in accordance with DNV 2-7-2:2013 Offshore Service Modules – Design Appraisal Document COV08217045 Issue 1.
2. Container Modifications
 - Verification of materials against drawing and mill certification
 - Review of Weld Procedures and Specifications and review welders qualifications
 - Monitor various stages of fabrication including selected witness of joint fit up prior to welding, visual examination and dimensional checks.
 - Review of Offshore Container Lifting Sling certification- Serial No: SLXU9251164
3. Fire and Safety
 - Verification of Passive Fire protection including A30 divisions, fire dampers, A60 doors, windows, penetrators, decks and cables.
 - Witness functional testing of smoke detectors, oxygen and hydrocarbon detectors, alarms and fire dampers.
4. Electrical and Instrumentation
 - Verification of electrical system including lighting and emergency lighting arrangements, power sources, cables and junction boxes and operation of smoke detectors.
5. Confirmation of installation and testing of HVAC system in accordance with approved drawings, verification of alarms operation of fire dampers on confirmed smoke detection

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6. Witness operation of low O2 and hydrocarbon gas detectors.

7. Verification of nameplate details and stamping.


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Container Construction Certificate

Name of Manufacturer

Modified by Taylor Brothers (Slipway and Engineering) Pty Ltd; Manufactured by Dalian CIMC Logistics Equipment Co, China

Location of Works

5 Surveyors Way, Derwent Park, Tasmania.

This certificate is issued to the above client to certify that the under noted containers, which were manufactured and tested in accordance with Lloyd's Register Group Container Certification Scheme and the International Convention for Safe Containers, have been inspected and found to be in accordance with approved drawings and the prototype container identified as follows:

Prototype Serial Number	Type Approval / CSC Number
ODG002	GB-LR 61686 04/09
Type of Container	
20' x 8' x 9'6" Steel Container	
Manufacturer's Model Number	Size and Type Code
ODG007	N/A
Customs Approval Reference	UIC Registration Reference
N/A	N/A

LR Approved Endorsements

Rating (Max Gross Weight)	Tare Weight
7960 kg	7960kg
Maximum Product Load	Net Cargo Capacity
Not to be loaded kg	Not Applicable m³
Stacking Capability	Stacking Test Load
192,000kg	86,400kg per corner
Transverse Racking Test Load	Floor Strength Test Load
15,240kg	5,460kg
End Wall Strength	Side Wall Strength
N/A	N/A
Date of Manufacturer (Month and Year)	First Examination Date
05 May 2016	05 May 2021

Owner's Name and Code Letters

Melbourne University: Earth Sciences

NUMBER OF CONTAINERS COVERED BY THIS CERTIFICATE

1

Owner's Serial Numbers

BSLU925148-3

Manufacturer's Serial Number

H002018

Timber Immunisation Declaration

No Timber utilised in this container or modification process

Issued at **Melbourne**

on **06 May 2015**

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