

DIVING DECOMPRESSION CHAMBER TWO MAN WITH MACHINERY CONTROL SY-DDC-D023-CT



IMCA D018	Code of Practice for The Initial and Periodic Examination, Testing and Certification of Diving Plant and Equipment
IMCA D023	DESIGN for Surface Oriented (Air) Diving Systems

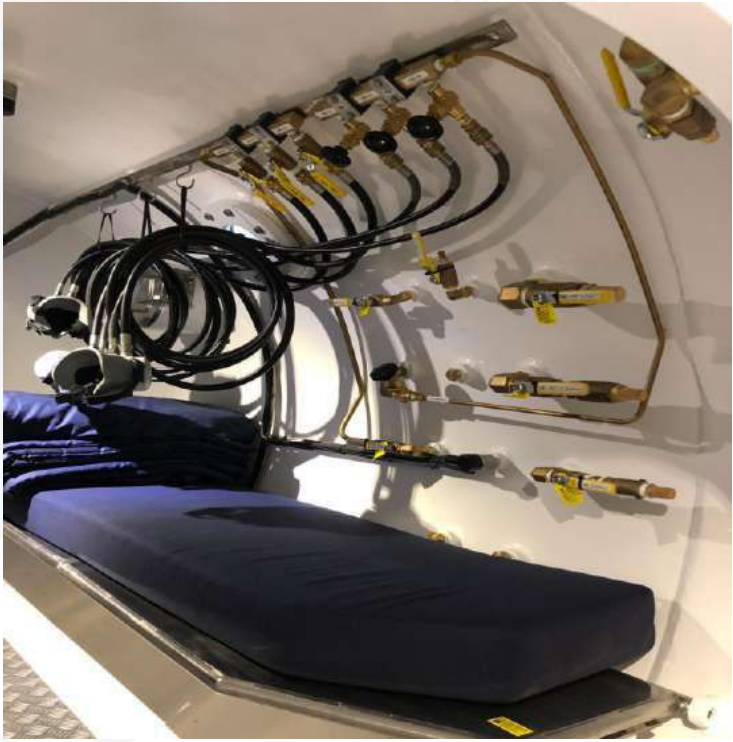
Sr.	Description
1	Option 1 - Dnv 2.7-1 Offshore container
2	Option 2 - Iso Container with modified dnv type lifting lugs
3	Diving Decompression chamber 60"/1500mm diameter, Twin Lock (Entry / main lock, automatic medical lock), gloss paint finish, fire retardant voltage stabilizer manual fire deluge system
4	First aid medical kit in metal box
5	Dan approved oxygen resuscitator with mask/cylinder/regulator/pelican case
6	Circuit Breaker, 3 pole (for cutting /welding)
7	Working desk
8	Filing case
9	Supervisor chair
10	Split air conditioner, 220v, 50/60 hz, 1.5 tons, thermal insulation
11	Electrical fit out
12	Storage shelf above DDC
13	Electrical fit out
14	Storage shelf above DDC



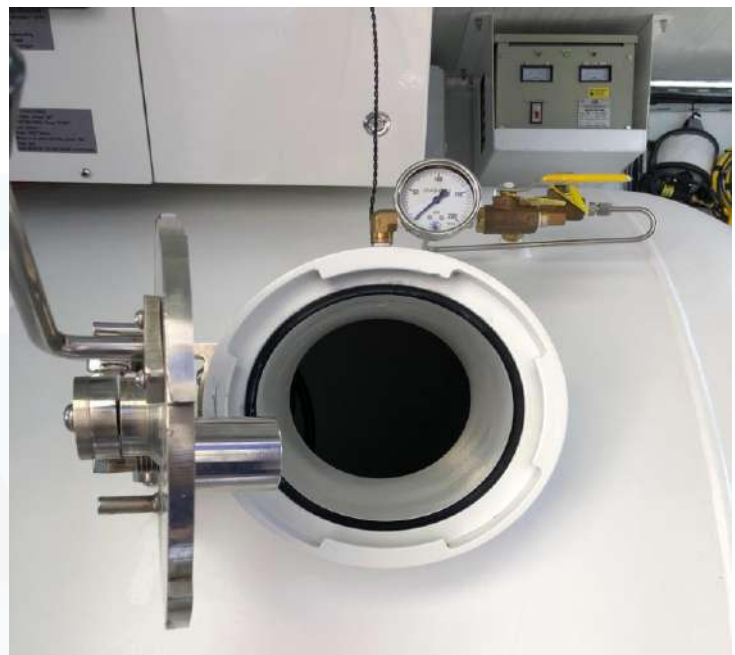
CHAMBER ENTRY LOCK WITH ALL FITOUT AS BELOW



CHAMBER MAIN LOCK WITH ALL FITOUT AS BELOW



CHAMBER MEDICAL LOCK - STAINLESS STEEL WITH AUTOMATIC INTERLOCK



EMERGENCY BACK UP POWER / BREATHING AIR MASKS



CHAMBER CONTROL PANEL - INCLUDING HP MANAGEMENT PANEL



SECONDARY COMPARTMENT - MACHINERY CONTROL



BAUER HIGH PRESSURE COMPRESSOR SY-PE-550E



HIGH PRESSURE COMPRESSOR BAUER SY-MARINER 320E



AIR MANAGEMENT PANEL SY-AIR-P



DIVER BREATHING AIR QUAD SY-DBA



CERTIFICATES PROVIDED WITH EACH DDC

Chamber Shell	DNV GL for Pneumatic and hydrostatic tests
Container	Dnv offshore container certs / Iso container certs
Lifting Slings	Dnv or BV certified slings
Chamber pressure test	Bureau Veritas
Viewports	Stanley plastics PVHO VP1/VP2/vp3/VP4 /Vp5
Imca	D018 / D023
Class	Bureau Veritas pressure test witness for entire system
Fmea	As built by Synergy
Fmea stamped by class	As built by Synergy and reviewed by Class (optional)
Warranty	One year Synergy manufacturing warranty

Industry & Facilities Division
Third Party Inspection Report
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INSPECTION REPORT No: 001
Revision No: 0

Inspector: [Name] (Signature) [Signature]
Inspector: [Name] (Signature) [Signature]

Project: Third Party Inspection Service
BY Client: [Name] (Signature) [Signature]
Manufacturer/Vendor: [Name] (Signature) [Signature]

Subcontractor of Inspection: [Name] (Signature) [Signature]
Inspection Location: [Name] (Signature) [Signature]
Inspection performed on: 04/08/2018

Material: Pressure retaining pressure test equipment
ITEM TAG No: [Name] (Signature) [Signature]
QTY: [Name] (Signature) [Signature]
QTY: [Name] (Signature) [Signature]

INSPECTION RESULT
Satisfactory with comments: [Name] (Signature) [Signature]
Not Satisfactory: [Name] (Signature) [Signature]

Open Item/Deficiencies: [Name] (Signature) [Signature]
Open Points List Items: [Name] (Signature) [Signature]
Return Note issued: [Name] (Signature) [Signature]
BY Inspector: [Name] (Signature) [Signature]

Industry & Facilities Division
Third Party Inspection Report
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Revision No: 0

On behalf of Client: [Name] (Signature) [Signature]
On behalf of Supplier: [Name] (Signature) [Signature]

BY Client: [Name] (Signature) [Signature]
Inspector Report Date: 04/08/2018

Distribution: [Name] (Signature) [Signature]
BY CLIENT: [Name] (Signature) [Signature]
BY MANUFACTURER: [Name] (Signature) [Signature]

REFERENCE DOCUMENTATION: [Name] (Signature) [Signature]

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INSPECTION DETAILS
Name: [Name] (Signature) [Signature]
Title: [Name] (Signature) [Signature]
Date: [Name] (Signature) [Signature]

MEASURING & TESTING EQUIPMENT USED
Equipment Type: [Name] (Signature) [Signature]
Equipment No: [Name] (Signature) [Signature]
Equipment Date: [Name] (Signature) [Signature]

DEFINITION OF THE INSPECTIONS CARRIED OUT:
Manufacturing Prepared Status
Ability of inspection activities carried out with reference to TSP (each activity indicated in bold)

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Third Party Inspection Report
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Design Code: [Name] (Signature) [Signature]
Country of Origin: [Name] (Signature) [Signature]
Manufacturer: [Name] (Signature) [Signature]
Design Pressure: [Name] (Signature) [Signature]
Pressure test pressure: [Name] (Signature) [Signature]
Material: [Name] (Signature) [Signature]
Temperature: [Name] (Signature) [Signature]
Controlled Serial No: [Name] (Signature) [Signature]
Viewport Serial No: [Name] (Signature) [Signature]

PRELIMINARY TEST:
1. Test pressure gauge, witness certificate reviewed, and found satisfactory.
2. The chamber skin pressure was 100% of the design pressure for 30 minutes and found satisfactory.
3. Single shell test was performed in chamber system, slings and viewports on full load, and satisfactory.

END OF REPORT

BUREAU VERITAS S.A. DUBAI BRANCH, a legal entity organized and existing under the laws of the United Arab Emirates under Government of Dubai Professional License No. 102892 with its registered office at The Data Centre, P.O. Box 21, 2nd of December St., Safra, P.O. Box 616, Dubai, UAE (hereinafter referred to as "BV") is responsible for Nicolas Morel, in his capacity as Country Chief Executive.

Industry & Facilities Division
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ORDERING INFORMATION

Sr.	Part Number	Description
1	SY-DNV-DDC-D023-MC-1	DNV OFFSHORE CONTAINER WITH INSULATION & AC, INSTALLED WITH TWO MAN DIVING DECOMPRESSION CHAMBER, BREATHING AIR COMPRESSOR GAS MANAGEMENT PANEL, 12 CYLINDER OR 24 CYLINDER AIR QUAD


Sr.	Part Number	Description
1	SY-ISO-DDC-D023-MC-1	ISO CONTAINER WITH INSULATION & AC, INSTALLED WITH TWO MAN DIVING DECOMPRESSION CHAMBER, BREATHING AIR COMPRESSOR, GAS MANAGEMENT PANEL, 12 CYLINDER OR 24 CYLINDER AIR QUAD

BESPOKE DESIGNS - ANY CONFIGURATION AS PER CLIENT REQUIREMENT






DIVING DECOMPRESSION CHAMBER TWO MAN THREE DIVER AIR CONTROL SY-DDC-3DP-A-XX-XXX

Contact us

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-  Website : www.synergyequipment.com
-  Email : ram@synergyequipment.com
-  For Sale : info@synergyequipment.com

