



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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ISO 45001:2018 OHSMS



For more detailed technical data sheets mail us on ram@synergiequipment.com

CONTAINERIZED DIVE SUPPORT MACHINERY CONTROL UNIT SY-MC-CUSTOM-1



BAUER HIGH PRESSURE COMPRESSOR SY-PE-550E



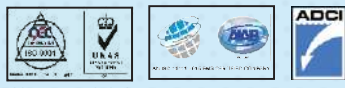
QUINCY LOW PRESSURE COMPRESSOR SY-5120E



SY-5120-ELECTRIC-2T-60G



SY-5120-ELECTRIC-1T-120G

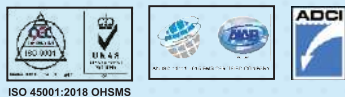


POWERFUL OFFSHORE HYDRAULIC ELECTRIC POWER PACK SY-HPU-E-2T



AIR MANAGEMENT PANEL SY-AIR-P





CERTIFICATES PROVIDED WITH EACH MACHINERY CONTAINER

Container	Dnv offshore container certs / Iso container certs
Lifting Slings	Dnv or BV certified slings
Class	Bureau Veritas pressure test witness for entire system
Bauer compressor	Function /pressure/air purity test
Quincy compressor	Function /pressure /air purity test/hydrotest for twin tanks
Hp cylinder quad	Hydrotest
Gas Management Panel	Bureau Veritas pressure test witness
Imca	D018 / D023
Fmea	As built by Synergy
Fmea stamped by class	As built by Synergy and reviewed by Class (optional)
Warranty	One year Synergy manufacturing warranty

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Third Party Inspection Report
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INSPECTION REPORT NO: 03 Revision No: 0

Client: Other MANUFACTURER OTHER

Attachment Report: Yes, attach in section 1 No

B - REFERENCE DOCUMENTATION:

Title	Reference No	Rev.	Approved by	Date
Quincy Equipment System Inspection Certificate	MACA 0021		Synergy	

C - ATTACHEES:

Name	Position	Representing
Quincy Manager	Quincy	Bureau Veritas
Quincy Inspector	Inspector	Synergy
Quincy Technician	Technical Manager	Synergy

D - MEASURING & TESTING EQUIPMENT USED:

Equipment Type	Equipment Model No	Last Calibration Date	Expiry Date
Pressure Gauge	344.021	17/06/2017	16/06/2018

E - INSPECTION DETAILS

Description of the inspections carried out:

- Witnessing Hydrostatic Testing
- No
- Witnessing Pressure Test
- Witness Inspection HP & LP Compressor & Management Panel, Cylinder air base & distribution panel and found satisfactory.
- Verify serial No of Compressor & Distribution Panel
- Witness Inspection HP & LP Compressor & Management Panel, Cylinder air tank & distribution panel as per Annexure-1 & found satisfactory.
- Witnessing of QuinCY air purity test
- Verify calibration certificate of measuring instrument and found satisfactory.

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A - INSPECTION RESULT

Satisfactory (Without comments) Satisfactory with comments (Not used during the inspection) Not Satisfactory (Items to be rectified)

Inspection Summary: 1. Witness Pressure Test of HP & LP Compressor & Management Panel. Cylinder air base & distribution panel in the working pressure & found satisfactory.

Open Risk Confirmation: Yes details in section 10 No
Open Purity Test Results: Yes details in section 10 No
Release Note Issued: Yes details in section 10 No
BV Stamp: Yes No

On behalf of Bureau Veritas
BV Inspector: Debasis Mandal
BV Officer: Debasis Mandal
Inspection Report Dates: 16, 2017

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DIGITAL PICTURES

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MANIFOLD & LP COMPRESSOR

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J - ATTACHMENTS

No	Attachment Name	Total Pages	Description

Annexure-1

- BV has been witnessed Pressure working pressure test of HP & LP compressor, Distribution Panel with the following Details.

MACHINERY CONTAINER SERIAL NUMBER: 553253

PRESSURE TEST OF HP COMPRESSOR:

MANUFACTURER: BATER KOMPRESSOREN
MODEL: P810A VE-F03
SERIAL NO.: 17-16-1009
MAX. WORKING PRESSURE: 200 BAR

PRESSURE TEST OF LP COMPRESSOR:

MANUFACTURER: BATER KOMPRESSOREN
MODEL: P810A VE-F03
SERIAL NO.: 17-16-1009
MAX. WORKING PRESSURE: 200 BAR

PRESSURE TEST OF LP COMPRESSOR:

MANUFACTURER: QUINCY COMPRESSOR
MODEL: BM 112040
SERIAL NO.: 1172 201802
VOLUME TANK SERIAL NO.: 376288 and 376285
MAX. WORKING PRESSURE: 300 PSI

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PRESSURE TEST OF MANAGEMENT PANEL:

MANUFACTURER: SYNERGY DIVING AND EQUIPMENT SOLUTION FXE
SERIAL NO.: PSEIDON 001
MAX. WORKING PRESSURE (LP): 250 PSI
MAX. WORKING PRESSURE (HP): 3000 PSI

PRESSURE TEST OF DISTRIBUTION PANEL:

MANUFACTURER: SYNERGY DIVING AND EQUIPMENT SOLUTION FXE
SERIAL NO.: PSEIDON 002
MAX. WORKING PRESSURE (LP): 250 PSI
MAX. WORKING PRESSURE (HP): 3000 PSI

PRESSURE TEST OF 12 X 30 LTR CYLINDER AIR BANK:

MANUFACTURER: SYNERGY DIVING AND EQUIPMENT SOLUTION FXE
SERIAL NO.: BA KALK NO. 809
MAX. WORKING PRESSURE: 3000 PSI

PRESSURE TEST OF 12 X 30 LTR CYLINDER AIR BANK:

MANUFACTURER: SYNERGY DIVING AND EQUIPMENT SOLUTION FXE
SERIAL NO.: BA KALK NO. 809
MAX. WORKING PRESSURE: 3000 PSI

- All PIPEWORKS AND VALVES OF THE MACHINERY CONTAINER HAVE BEEN TESTED TO MAXIMUM WORKING PRESSURE (L/HP) FOR 30 MINUTES. NO LEAKS FOUND.

END OF REPORT

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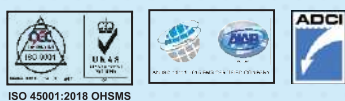
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SYNERGY INFRASTRUCTURE





ORDERING INFORMATION

Sr.	Part Number	Description
1	SY-MC-DNV-01	DNV offshore machinery container without insulation 2 x hp comp, 1 x lp compressor, 1 x hpu , 24 x cylinder bank 1 x air management panel
2	SY-MC-DNV-02	DNV offshore machinery container with insulation and ac 2 x hp comp, 1 x lp compressor, 1 x hpu , 24 x cylinder bank 1 x air management panel
3	SY-MC-DNV-03	DNV offshore machinery container without insulation 2 x hp comp, 1 x hpu , 24 x cylinder bank 1 x air management panel
4	SY-MC-DNV-04	DNV offshore machinery container with insulation and ac 2 x hp comp, 1 x hpu , 24 x cylinder bank 1 x air management panel
5	SY-MC-DNV-05	DNV Offshore machinery container without insulation 2 x hp comp, 24 x cylinder bank 1 x air management panel
6	SY-MC-DNV-06	DNV offshore machinery container with insulation and ac 2 x hp comp, 24 x cylinder bank 1 x air management panel

Sr.	Part Number	description
1	SY-MC-ISO-01	ISO machinery container without insulation 2 x hp comp, 1 x lp compressor, 1 x hpu , 24 x cylinder bank 1 x air management panel
2	SY-MC-ISO-02	ISO machinery container with insulation and ac 2 x hp comp, 1 x lp compressor, 1 x hpu , 24 x cylinder bank 1 x air management panel
3	SY-MC-ISO-03	ISO machinery container without insulation 2 x hp comp, 1 x hpu , 24 x cylinder bank 1 x air management panel
4	SY-MC-ISO-04	ISO machinery container with insulation and ac 2 x hp comp, 1 x hpu , 24 x cylinder bank 1 x air management panel
5	SY-MC-ISO-05	ISO machinery container without insulation 2 x hp comp, 24 x cylinder bank 1 x air management panel
6	SY-MC-ISO-06	ISO machinery container with insulation and ac 2 x hp comp, 24 x cylinder bank 1 x air management panel

BESPOKE DESIGNS – ANY CONFIGURATION AS PER CLIENT REQUIREMENT



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AIAA ISO 14001:2015 EMS CERTIFIED COMPANY



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Contact us

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