



AMERICAN BUREAU OF SHIPPING

Customer Name	3C ENGINEERING COMPANY LIMITED	Purchase Order No.	
Attending Office	Ho Chi Minh City	Report Number	HM2947472
First Visit Date	16-Jul-2015	Last Visit Date	24-Aug-2015

Certification Of: Motor Control Center Quantity : One (1)
 Manufacturer: 3C ENGINEERING COMPANY LIMITED

Survey Location : Bac Ninh, Vietnam

Equipment Data

Item Name	Motor Control Center
Destination Vessel (Class Number)	YY254804
Builder/Shipyard	VIETSOVPETRO
Builder I.D./Hull No.	GK002

Design Details

Design State	Design Approved/Reviewed
ABS Reviewing Organization	Singapore Engineering Services

Additional Data

ABS Stamping * HM2947472



This is to Certify that the undersigned surveyor(s) to this Bureau did, at the request of the customer, carry out the following survey and report as follows:

Traceability of materials used on this project has been verified.
 The principal data has been verified in accordance with the applicable Rules/specifications and approved plans, and confirmed to be within acceptable tolerances.
 Examination during manufacturer assembly has been carried out to verify all critical phases of welding, fitting, machining, and non-destructive examination as required by the applicable Rules and/or requirements.
 All testing (pressure/load/operational/etc.) has been carried out as applicable and verified in accordance with the applicable Rules/specifications.
 Testing machines are maintained in a satisfactory condition and records of their recheck or calibration dates confirmed.
 All parts of the machinery/equipment satisfactorily complied with the approved drawings. Amendments, if any, verified to be rectified and considered satisfactory.
 Subject to satisfactory installation, testing and trials after installation onboard the vessel.

- The Motor Control Centers intended to be installed onboard the self-elevating unit Tam Dao 05- ABS ID: YY254804 were fabricated by 3C Engineering Company and reported as following:

- The fabrication of this unit was verified satisfactorily in accordance with the approved drawing, review letter No.: T1392767, dated 07 July 2015
- The installed circuit protection devices were verified and found in compliance with IEC Publication 60947-2
- Upon the fabrication was completed, the Factory Acceptance Test (FAT) was carried out satisfactorily in accordance with ABS MODU Rule 2014.

1. Main Motor Control Center

NOTE: This report evidences that the survey reported herein was carried out in compliance with one or more of the Rules, guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Report is a representation only that the vessel, structure, item or material equipment, machinery or any other item covered by this Report has been examined for compliance with, or has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping. The validity, applicability and interpretation of this report is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Report or in any notation made in the contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

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- Quantity: Two (02)
- Description: 480V-AC Main Motor Control Center A and B
- Serial Number: GK002- 0715.011 & GK002- 0715.012
- Dimension: Length: 3600 mm x Depth: 1250 mm x Height: 2380 mm
- Drawing No.: 2A-PVMS-B01-001-02 & 2A-PVMS-B01-002-02

2. Ventilation Motor Control Center

- Quantity: Two (02)
- Description: 480V-AC Ventilation Motor Control Center A and B
- Serial Number: GK002- 0715.013 & GK002- 0715.014
- Dimension: Length: 1200 mm x Depth: 1250 mm x Height: 2380 mm
- Drawing No.: 2A-PVMS-B01-003-02 & 2A-PVMS-B01-004-02

3. Drilling Motor Control Center

- Quantity: Two (02)
- Description: 480V-AC Drilling Motor Control Center A and B
- Serial Number: GK002- 0715.015 & GK002- 0715.016
- Dimension: Length: 2400 mm x Depth: 1250 mm x Height: 2380 mm
- Drawing No.: 2A-PVMS-B01-005-02 & 2A-PVMS-B01-006-02

4. Cantilever Motor Control Center

- Quantity: Two (02)
- Description: 480V-AC Cantilever Motor Control Center A and B
- Serial Number: GK002- 0715.017 & GK002- 0715.018
- Dimension: Length: 4200 mm x Depth: 850 mm x Height: 2380 mm
- Drawing No.: 2A-PVMS-B01-007-02 & 2A-PVMS-B01-008-02

5. Emergency Motor Control Center

- Quantity: One (01)
- Description: 480V-AC Emergency Motor Control Center
- Serial Number: GK002- 0715.019
- Dimension: Length: 4400 mm x Depth: 850 mm x Height: 2380 mm
- Drawing No.: 2A-PVMS-B01-009-02



Surveyor(s) to The American Bureau of Shipping Attending Surveyors

Doan Minh Quang

Electronically Signed on 24-Aug-2015

Reviewed By
Nguyen, Ngoc Chien

Electronically Signed on 24-Aug-2015, Hanoi Port

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