



CERTIFICATE NUMBER

14-HS1174645-1-PDA

DATE

05 May 2014

ABS TECHNICAL OFFICE

Houston SED - Ship Systems

CERTIFICATE OF DESIGN ASSESSMENT

This is to Certify that a representative of this Bureau did, at the request of
BEIJER ELECTRONICS INC. - SALT LAKE CITY

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

PRODUCT: **Touch Control Panel**

MODEL: **T15BM, T15BR**


This Product Design Assessment (PDA) Certificate 14-HS1174645-1-PDA, dated 05/May/2014 remains valid until 04/May/2019 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING


Tim Kimble
Engineer

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-A3/9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

BEIJER ELECTRONICS INC.

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UT 84119
United States
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Web: beijerelectronics.com

Tier: 2

Product: Touch Control Panel

Model: T15BM, T15BR

Intended Service:

Human Machine Interface (HMI) for use as display of Alarm, Monitoring, Automation and similar systems fitted on board ACC and ACCU vessels, Marine and Offshore Installations.

Description:

The T15BR/T15BM, a 15.4" touch screen operator panel delivers high performance suitable for medium to large HMI (Human Machine Interface) applications, requiring handling of more data and utilizing more functionality.

Ratings:

Power supply: 12 to 24 VDC;
Enclosure rating: IP66;
Operating temp (T15BR): -30 °C to +70 °C,
Operating temp (T15BM): -15 °C to +55 °C;

Service Restrictions:

Unit certification is required for this product if the components are configured for propulsion alarm and monitoring systems.

Comments:

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. Tests and approval are for the hardware only. Each configuration and external connection is to be specifically approved. System Category II. The general requirements contained in 4-9-2/7 of the SV Rules are to be submitted for each application.

Notes / Drawings / Documentation:

This Product Design Assessment (PDA) is valid only for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.

Term of Validity:

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This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

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STANDARDS

ABS Rules:

2014 Steel Vessels Rules 1-1-4/7.7, 1-1-Appendix 3, 1-1-Appendix 4, 4-8-3/1.7, 4-8-3/1.11, 4-9-8/13;

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Tier: 2

National:

NA

International:

NA

Government Authority:

NA

EUMED:

NA

Others:

None