



Confirmation of Product Type Approval

Please refer to the "Service Restrictions" shown below to determine if Unit Certification is required for this product. This certificate reflects the information on the product in the ABS Records as of the date and time the certificate is printed.

Pursuant to the Rules of the American Bureau of Shipping (ABS), the manufacturer of the below listed product held a valid Manufacturing Assessment (MA) with expiration date of 22-JAN-2020. The continued validity of the Manufacturing Assessment is dependent on completion of satisfactory audits as required by the ABS Rules.

And; a Product Design Assessment (PDA) valid until subject to continued compliance with the Rules or standards used in the evaluation of the product.

The above entitle the product to be called Product Type Approved.

The Product Design Assessment is valid 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.

ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Product Name: Manual Call Point
Model Name(s): Type BGE.

Presented to:
EATON MEDC LIMITED
UNIT B, SUTTON PARKWAY
ODDICROFT LANE
NG17 5FB
United Kingdom

Intended Service: Use on ABS Classed Vessels and Offshore Facilities in accordance with the listed ABS Rules and International Standards.

Description: The unit comprises of a UV resistant glass reinforced polyester enclosure, terminal block and a "Break glass" initiation panel. LED indication, series and end-of-line resistors are available as options. Activation of the Manual Call Point Type BGE is to initiate a fire alarm signal.

Tier: 3

Ratings: IP rating: IP66 Voltage: 254Vac, up to 24Vdc. The Manual Call Point Type BGE is considered to comply with the requirements for Increased Safety Apparatus for the level of protection either emd, Group IIC and Temperature Class T4 (-20 °C ≤ Ta ≤ 50 °C) or ed, Group IIC and Temperature Class T6 (-20 °C ≤ Ta ≤ 50 °C) dependent on individual item marking.

Service Restrictions: Unit Certification is not required for this product.

Comments: Equipment has been tested to the applicable IEC 60079 series standards by an independent laboratory listed on the United States Coast Guard Maritime Information Exchange Accepted Laboratories list, Approval Series 111.105 (SGS Baseefa Ltd.) The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes / Documentation: Drawing No. Brochure, Brochure, Revision: -, Pages: 2 Drawing No. Certification Report 10C0640, Certification Report 10C0640, Revision: -, Pages: 4 Drawing No. Certification Report 12C1004, Certification Report 12C1004, Revision: -, Pages: 3 Drawing No. EC TType Examination Certificates, EC Type Examination Certificates, Revision: -, Pages: 5 Drawing No.05(T)0051, PB Test Report, Revision: -, Pages: 5

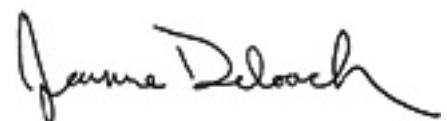
Term of Validity: This Product Design Assessment (PDA) Certificate 15-LD1277665-PDA, dated 23/Jan/2015 remains valid until 22/Jan/2020 or until the Rules or specifications used in the assessment are revised (whichever occurs first). This PDA is intended for a product to be installed on an ABS classed 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.

ABS Rules: - Steel Vessel Rules (2015) 1-1-4/7.7, 1-1-A3&A4; 4-8-4/27.5.1, 4-9-8/13, 4-9-8/13 Table 1, Table 2; - Steel Vessels Under 90 Meters (295 Feet) in Length (2015) 1-1-4/7.7, 1-1-A3&A4, 4-6-3/1.1.1(a), 4-6-3/1.5, 4-6-3/11.3.1; - Facilities on Offshore Installations (2015) 1-1-4/9.7, 1-1-A2&A3, 3-6/15.1 - Offshore Support Vessels (2015) 1-1-4/7.7, 1-1-A3&A4, 4-9-8/7, 4-9-8/13, 4-9-8/Tables 1&2; - Mobile Offshore Drilling Units (2015) 1-1-4/9.7, 1-1-A2&A3, 4-3-3/9.1.1, 4-3-3/9.1.2, 4-3-3/9.1.3, 6-1-1/9, 6-1-1/13; - Aluminum Vessels (1975) 1-1-4/7.7, 1-1-A3&A4; - Steel Vessels for Service on Rivers and Intracoastal Waterways (2015) 1-1-4/7.7, 1-1-A3&A4; - Bulk Carriers for Service on the Great Lakes (1978) 1-1-4/7.7, 1-1-A3&A4; - High Speed Craft (2014) 1-1-4/11.9, 1-1-A2&A3; - Steel Barge Rules (2015) 1-1-4/7.7, 1-1-A3&A4;

National Standards:
International Standards: EN60079-0:2012, EN60079-1:2007, EN60079-7:2007, EN60079-18:2009; IEC60079-0:2011, IEC60079-18:2009, IEC60079-31:2009;

Government Authority:
EUMED:
Others:

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	15-LD1277665-PDA	23-JAN-2015	22-JAN-2020



ABS Programs

ABS has used due diligence in the preparation of this certificate and it represents the information on the product in the ABS Records as of the date and time the certificate was printed. Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. Limited circumstances may allow only Prototype Testing to satisfy Type Approval. The approvals of Drawings and Products remain valid as long as the ABS Rule, to which they were assessed, remains valid. ABS cautions manufacturers to review and maintain compliance with all other specifications to which the product may have been assessed. Further, unless it is specifically indicated in the description of the product; Type Approval does not necessarily waive witnessed inspection or survey procedures (where otherwise required) for products to be used in a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS. Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.