



Marine & Offshore

Certificate number: 50626/B0 BV

File number: AP4772

Product code: 3741H

*This certificate is not valid when presented without the full attached schedule composed of 7 sections*

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## TYPE APPROVAL CERTIFICATE

*This certificate is issued to*

**GOLDEN MOUNTAIN ENTERPRISE CO.,LTD.**

KAOHSIUNG - TAIWAN

*for the type of product*

**LEVEL TRANSMITTERS**

LS Series, LR Series, SLS Series, LT Series, LT201, LT201S, LT202, LT203, LT204, LT\_LXT\_205, LT206H, LT206V, LXT201, LXT203S, LXT203F, LXT204, LXT207

**Requirements:**

Bureau Veritas Rules for the Classification of Steel Ships

EC Code: 31 / 41

*This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.*

**This certificate will expire on: 30 Jul 2029**

**For Bureau Veritas Marine & Offshore,**

At BV TAIPEI, on 30 Jul 2024,

Algemon CHEN

***This certificate was created electronically and is valid without signature***



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

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BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

## **THE SCHEDULE OF APPROVAL**

### **1. PRODUCT DESCRIPTION:**

Various Magnetic level switches and Float type liquid level controls.

### **2. DOCUMENTS AND DRAWINGS:**

#### ***Datasheets***

- Data Sheet Magnetic float level switch - LS Series, dated 11 Jan 2017
- Data Sheet Horizontal Magnetic float level switch - LR Series, Rev. 1, dated 2015
- Data Sheet Float type liquid level controls - SLS Series, Rev. 0, dated 2015
- Data Sheet Magnetic float level transmitter - LT Series, dated 11 Jan 2017
- Data Sheet Horizontal Magnetic level switch - LT201 Thread Type, Rev. 0, dated 2015
- Data Sheet Horizontal Magnetic level switch - LT201S Thread Type, Rev. 0, dated 2015
- Data Sheet Horizontal Magnetic level switch - LT202 Flange Type, Rev. 1, dated 2015
- Data Sheet Horizontal Magnetic level switch - LT203 Flange Type, Rev. 0, dated 2015
- Data Sheet Horizontal Magnetic level switch - LT204 Flange Type, Rev. 0, dated 2015
- Data Sheet Horizontal Magnetic level switch explosion proof - LXT201 Thread Type, Rev. 0, dated 2015
- Data Sheet Horizontal Magnetic level switch - LXT203S Flange Type, Rev. 0, dated 2015
- Data Sheet Horizontal Magnetic level switch - LXT203F Flange Type, Rev. 0, dated 2015
- Data Sheet Horizontal Magnetic level switch explosion proof - LXT204 Flange Type, Rev. 0, dated 2015
- Data Sheet Vertical Magnetic level switch - LT/LTX205, Rev. 0, dated 2015
- Data Sheet Horizontal Vertical Magnetic level switch - LT206H/LT206V Flange type, Rev. 0, dated 2015
- Data Sheet Horizontal Magnetic level switch explosion proof - LXT207, Rev. 0, dated 2015

#### ***Instruction manuals***

- LS Series Instruction manual, Doc No. 20171030-ls-00
- LR Series Instruction manual, Doc No. 20171030-lr-00
- SLS Series Instruction manual, Doc No. 20171030-sls-00
- LT201/LT201S/LT203/LT204/LXT201/LXT203S/LXT203F/LXT204 Instruction manual, Doc No. 20171031-lt201-00
- LT202 Instruction manual, Doc No. 20171031-lt202-00

### **3. TEST REPORTS:**

#### **Golden Mountain enterprise**

- Report No KS1978057, witnessed by ABS surveyor, dated 28 June 2011

#### **Bureau Veritas Consumer Products Services**

- Report No TO171030C24, reviewed by BV local surveyor, dated 09 Feb. 2018

#### **King Design Industrial**

- Report No VT-180119-2, reviewed by BV local surveyor, dated 30 Jan. 2018

### **4. APPLICATION / LIMITATION:**

4.1 - BUREAU VERITAS Rules and Regulations for the Classification of Steel Ships.

4.2 - Approval valid for ships intended to be granted with the following additional class notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**

4.3 - BUREAU VERITAS Environmental Category, **EC Code: 31 / 41**

4.4 - Ex-Certification is not covered by this certificate, Applications in hazardous areas are to be approved in each case according to the Rules and Conditions for Safe Use specified in a valid Ex-Certificate issued by a Notified or Recognised Certification

### **5. PRODUCTION SURVEY REQUIREMENTS:**

5.1 - The above products are to be supplied by **GOLDEN MOUNTAIN ENTERPRISE CO.,LTD.** in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - **GOLDEN MOUNTAIN ENTERPRISE CO.,LTD.** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, **GOLDEN MOUNTAIN ENTERPRISE CO.,LTD.** has declared to Bureau Veritas the following production site:

**GOLDEN MOUNTAIN ENTERPRISE CO., LTD.  
No.9 Lane 133, Xing-Hua St.,  
Chien-Chen Dist.,  
806 KAOHSIUNG  
TAIWAN**

**6. MARKING OF PRODUCT:**

- Maker's name or trade mark.
- Serial number of the units.
- Equipment type number or model identification under which it was type-tested.

**7. OTHERS:**

- 7.1 - It is **GOLDEN MOUNTAIN ENTERPRISE CO.,LTD.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.
- 7.2 - This Certificate supersedes the Type Approval Certificate N° 50626/A0 BV issued on 13 July 2018 by the Society.

\*\*\* END OF CERTIFICATE \*\*\*