



## TYPE APPROVAL CERTIFICATE

**Certificate No.** : INC15142-AE007

**Initial Approval** : 17th February, 2016

**Product** : Gas Detector

**Manufacturer** : GASTRON Co., Ltd.

18-8, Dogeumdanjil-gil, Sangrok-gu, Ansan-City, Gyeonggi-do, Korea

**Product Description:** Model : GTD-2000Tx (O<sub>3</sub>)

- Measuring Type : Diffusion Type
- Measuring Gas : O<sub>3</sub>
- Measuring Method : Electrochemical Cell
- Protection : Ex d IIC T6/T4
- Accuracy : within  $\pm 3\%$  Full Scale
- Operating condition : -20 ~ +60°C, 5 ~ 99% RH (Non-condensing)
- Output signal : DC 4 ~ 20mA / Full Scale
- Power supply : DC 18 ~ 31V

**Approval Condition:** 1) This approval is granted on the basis of the following documents:

- Drawings : G-10005 (2012.08.02)
- Test reports : G1509-0001 (2015.9.11) issued by GASTRON,  
KOMERI-0311-15T2817 (2015.12.24) issued by KOMERI

2) Individual Product Certification is not required.

**THIS IS TO CERTIFY** that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt.6, Ch.2, Art.301 of the Rules for Classification, Steel Ships.

This Certificate is valid until 16th February, 2021

Issued at Busan, Korea on 17th February, 2016



**KOREAN REGISTER OF SHIPPING**

*General Manager of  
Marine & Ocean Equipment Team*

**Note : 1** : The approval will be automatically suspended and the Certificate become invalid from the expiry date of the Certificate in the event that the extension has not been granted or the renewal of the Certificate is not underway.

**2** : The manufacturer should notify this Society of any modification or changes that may affect the validity of this Certificate.