



## TYPE APPROVAL CERTIFICATE

**Certificate No.** : MIL04934-AE015 **Initial Approval** : 7th July, 2014.  
**Product** : Pressure Transmitter  
**Manufacturer** : TRAFAG AG  
 Industriestrasse 11, CH-8608 Bubikon, Switzerland

**Product Description** : Submersible Pressure Transmitter EXL  
 Type : 8432, 8438  
 " See Appendix 1 "

**Approval Condition** : " See Appendix 1 "

**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 6th July, 2019.  
 Issued at Busan, Korea on 7th July, 2014.



**KOREAN REGISTER OF SHIPPING**

*[Signature]*  
 General Manager of  
 Class 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.

## Appendix 1

# Product Description and/or Approval Condition

**Certificate No :** MIL04934-AE015

**Date of Issue :** 7th July, 2014.

Product Description :

### 1. Technical Data

- 1) Power supply : 24 V DC (10 ~ 30V DC)
- 2) Signal output : 4 ~ 20 mA
- 3) Pressure ranges : 0 ~ 0.02 to 0 ~ 25 bar (8432)  
0 ~ 0.1 to 0 ~ 25 bar (8438)
- 4) Ex-proof Grade : II 1G Ex ia IIC T4/T6 Ga, I M1 Ex I Ma (8432 only)
- 5) IP Grade : IP 68

### 2. Documents

- 1) Approved drawings : C22453d, C22454d, B63566d, C13915e, C16597d
- 2) Specification : H72330a, H72328b
- 3) Test reports : Trafag V-112059, V-09016, V11016, V-11017,  
EMC-Testcenter EMCKP1429A

### 3. Approval Condition:

- 1) This approval is granted on the basis of the approved drawing and test report.
- 2) The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.
- 3) Individual Product Certification is not required.

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