

## EC Type Examination self Certificate

**1603**

The Following Products are covered under this Generic Certificate/Qualification  
**II 3 G Ex e IIC T6 IP65 Zone 2/22**

**Z2000, 1% accuracy Tank Gauge system**  
**Z5020, 0.25% accuracy Tank Gauge system**  
**Z4000, 2 or 4 channel Tank Alarm system and Pump Controller.**  
**BUND ALARM-ATEX, Single channel Float Alarm**



### OLE manufactures systems for use in ATEX / IECEx Environments

Gauge Displays and Alarm Modules are suitable for **Zone 2 installation**.  
Barriers are incorporated to ensure intrinsically safe circuits are provided into Zone 0 / 1

Power supply to these products is 24v dc. Where mains power supply is to be used, the intrinsically safe circuits must be kept a minimum of 50 mm away from the power supply.

8 Apr 2015 – 2 Directive 94/9/EC (also known as 'ATEX 95') ...  
Manufacturers/suppliers must ensure that their products meet essential health and safety requirements and undergo appropriate conformity procedures. Manufacturers can 'self-certify' equipment intended to be used in less hazardous explosive atmospheres. Once certified, the equipment is marked by the 'EX' symbol to identify it as such.

### OLE systems listed above utilise ATEX / IECEx approved Barriers

ATEX 1595 applies to type IM33\*\* and ATEX 2553 to type IM1\*\*  
ATEX, IECEx, CSA, FM, UL, NEPSI, KOSHA, GOST Installation in zone 2  
II 1 G Ex ia IIC T4

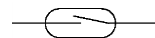


### OLE systems listed above utilise ATEX / IECEx approved Sensors

Z2000 and Z5020 utilise hydrostatic pressure sensors, SEV 12.0006 ATEX 0138  
II 1 G Ex ia IIC T4 Ga Installation in zone 0 or 1



Z4000 and BUND ALARM-ATEX utilises "Simple Apparatus" Reed switches, not requiring any certification, when connected via barrier type IM1\*\*  
Installation in Zone 0 or 1



### OLE systems utilise ATEX / IECEx approved Junctions Boxes

EJ product code ATEX 1304, PTB 09.0009X  
Ex e IIA, IIB, IIC T6, T5 Gb II 2G Ex e IIC T6 Gb  
Installation in Zone 1 or 2



Approved  
In House Systems

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