

Addendum  
**Altair® Gas Detector**  
Standards Compliance Certifications



Order No.: 10223094/02

Print Spec: 10000005389 (EO)

CR: 800000056442

# 1 Device Cleaning

Cleaning of the apparatus is recommended following environmental exposure, for optimal performance:

- **Routine Cleaning:** Clean the exterior of the device regularly using only a damp cloth. Do not use cleaning agents, as many contain silicone, which will damage the combustible sensor (if applicable).
- **Dust and Dirt Exposure:** Use a dry, soft bristled brush to remove any dust or dirt that has accumulated on the apparatus, especially at the sensor openings. If there is a buildup of dust or dirt particles remaining in the sensor area after brushing, use a vacuum to remove remaining particles, but maintain at least a 1/2 inch (1,2 cm) gap between the vacuum inlet and the apparatus.
- **Chemical Exposure:** If the equipment is likely to come into contact with aggressive substances, e.g. acidic liquids or gases that may attack metals or solvents that may affect polymeric materials, then it is the responsibility of the user to take suitable precautions that prevent it from being adversely affected thus ensuring that the type of protection is not compromised.
- **Water Exposure:** If the device is exposed to water, turn the device sensor side down and gently shake water off the sensor area. Any remaining water can be removed with a clean dry cloth. In the event that the device is immersed in water, allow the sensor inlets time to dry before retesting and returning to service. Drying time is dependent upon humidity conditions and the duration of immersion.

# 2 Certifications and Markings

See device label on your specific device, for applicable certification markings. The following label examples are for demonstration purposes only and may not accurately depict the current product certification status.

Information common to all labels:

Manufacturer:	MSA - THE SAFETY COMPANY, MINE SAFETY APPLIANCES COMPANY, or MSA INNOVATION 1000 Cranberry Woods Drive Cranberry Township, PA 16066
Product:	ALTAIR Gas Detector

## 2.1 North America (USA and Canada) Certifications and Markings

Agency: CSA Group

Permitted Hazardous Locations

### USA

Class 1, Zone 0, AEx ia IIC T4:

Class I, Div. 1, Groups A, B, C and D; Class II, Div. 1, Group G:

Tamb.  $-40^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ . Temperature Code T4.

### CANADA

Ex ia IIC T4:

Class I, Div. 1, Groups A, B, C and D; Class II, Div. 1, Group G:

Tamb.  $-40^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ . Temperature Code T4.

## Certifications and Markings

### Markings contained on label:



### Applied Standards

CSA C22.2 No. 157

UL 913

## 2.2 ATEX-UKEX Certifications and Markings

**EU-Type Examination Certificate:** FTZU 05 ATEX 0250X

**UK-Type Examination Certificate:** ExVeritas 22UKEX1261X



II 2G Ex ia IIC T4 Gb

### Applied Standards

EN 60079-0:2018

EN 60079-11:2012

## 2.3 IEC Certifications and Markings

**Certificate Number:** IECEx TSA 05.0056X

Ex ia IIC T4

$(-40^{\circ}\text{C} < \text{Ta} < +50^{\circ}\text{C})$

### Applied Standards

IEC 60079-0:2011

IEC 60079-11:2011

## 2 Certifications and Markings

### 2.4 Brazil (InMetro) Certifications and Markings

**Certificate Number:** UL-BR 13.0658X

Ex ia IIC T4 Ga  
(-20° C ≤ Ta ≤ +50° C)

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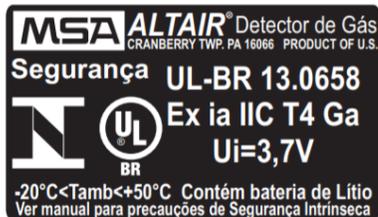
#### Applied Standards

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ABNT NBR IEC 60079-0:2013

ABNT NBR IEC 60079-11:2013

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### 2.5 Australia (ANZEx) Certifications and Markings

**Certificate Number:** ANZEx 05.3045X

Ex ia IIC T4  
(-40° C < Ta < +50° C)

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#### Applied Standards

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IEC 60079-0:2011

IEC 60079-11:2011

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### 2.6 EAC Certifications and Markings

**Certificate Number:** TC RU C-US.AA87.B.00031/18

1 Ex ia IIC T4 Gb X  
(-40° C < Ta < +50° C)

