

ADDENDUM

Standards Compliance Certifications

ALTAIR® Pro Gas Detector



Order No.: 10223095/02

Print Spec: 10000005389 (EO)

CR: 800000055969

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 LLC Cranberry Township, PA 16066
Product:	ALTAIR Pro Gas Detector
Serial Number and Date:	YY = Year

2.1 North America (USA and Canada) Certifications and Markings

Agency: CSA Group
Permitted Hazardous Locations

USA

Class I, Zone 0, AEx ia IIC T4:
Class I, Div.1, Groups A, B, C and D; Class II, Div.1, Group G
Tamb. -40° C to +50° 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° C to +50° C. Temperature Code T4.

Certifications and Markings

Markings contained on label:

MSA **ALTAIR[®] PRO** Product Gas of US Detector
Mine Safety Appliances Co. Cranberry Twp., PA U.S.A. 16066

Ex ia IIC T4 INTRINSICALLY SAFE FOR USE IN HAZARDOUS LOCATIONS
CLASS I, GROUP A,B,C,D; CLASS II, GROUP G Tcode T4
Ex ia IIC T4 CSA 06.1719689 Class I, Zone 0, AEx ia IIC T4

CE US 0080 2503 UK CA 0736/YY
II 1G Ex ia IIC T4 Ga
FTZU 06 ATEX 0134X
ExVeritas 22UKEX1266X

Ex ia IIC T4 ANZ Ex 06.3014X, IEC Ex TSA 06.0031X

WARNING: CHANGE BATTERY IN SAFE LOCATION, USE ONLY COMPLIANT BATTERIES IDENTIFIED IN OPERATING MANUAL. SUBSTITUTION OF PARTS MAY IMPAIR INTRINSIC SAFETY

-40°C<Ta<+50°C
LITHIUM BATTERY READ PRECAUTIONS IN OPERATING MANUAL

2.2 ATEX and UK Certifications and Markings

EU-Type Examination Certificate: FTZU 06 ATEX 0134X
UK-Type Examination Certificate: ExVeritas 22UKEX1266X

 II 1G Ex ia IIC T4 Ga

Applied Standards

EN IEC 60079-0:2018

EN 60079-11:2012

2.3 IEC Certifications and Markings

Certificate Number: IECEx TSA 06.0031X

Ex ia IIC T4
(-20° C < Ta < +50° 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 13.0657X

Ex ia IIC T4 Ga
(-40°C ≤ Ta ≤ +50°C)

Applied Standards

ABNT NBR IEC 60079-0:2013

ABNT NBR IEC 60079-11:2013



2.5 Australia (ANZEx) Certifications and Markings

Certificate Number: ANZEx 06.3014X

Ex ia IIC T4
(Ta = 50° C)

Applied Standards

IEC 60079-0:2011

IEC 60079-11:2011

2.6 China Certifications and Markings

Ex

Certificate Number: CE16.5018X

Ex ia IIC T4 Ga
(-20°C < Ta < +50°C)

Applied Standards

GB 3836.1-2010

GB 3836.4-2010

2.7 EAC Certifications and Markings

