

AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

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Applicant: Mine Safety Appliances Co.

1000 Cranberry Woods Drive Address:

Cranberry Township, PA 16066

Country: USA

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Party Authorized To Apply Mark:

Control Number: 9800783

Report Issuing Office:

Same as Applicant

Authorized by:

Cortland, NY Steven Conclie

Manufacturer:

Address:

Country:

Contact:

Phone:

FAX:

Email:

William T. Starr, Certification Manager

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Cranberry Township, PA 16066



This document supersedes all previous Authorizations to Mark for the noted Report Number.

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Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations (UL 913, Seventh Edition, Dated: 07/31/06, Revised: 06/03/2010),

Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous Standard(s):

(Classified) Locations (UL 913, Fifth Edition, Dated: 02/24/97), and

Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations (CAN/CSA-C22.2 No.

157-92, Including Update No. 2 June 2003, Reaffirmed 2006)

Combustible Gas Detector

For Use in: Class I, Division 1 Groups A-D

Class II, Division 1 Groups E, F, and G

Product: Class III, Division 1

Temperature Code: T4

Ambient Temperature: -40°C to +54°C

Models: Altair4X