



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

Electronic Weighing Balances Models: EK300EP, EK300EP-K, EK3000EP, EK12KEP, EK3000EP-K, EK12KEP-K

IS / I / 1 / C,D/ T3C; AEx ia IIB T3;

Specific Conditions for use:

1. The Electronic Weighing Balances shall only be used with four Energizer AA E91 alkaline LR6 AM3, or Duracell AA alkaline MN1500 LR6, or Panasonic AA alkaline LR6(XJ) 1.5V batteries.
2. The apparatus enclosure contains accessible metal parts and could be susceptible to electrostatic charges that could be a source of ignition. The user must consider a 170pF capacitance when considering suitability for use. Refer to IEC TS60079.32-1 for guidance.
3. Part of the enclosure is constructed of plastic. To prevent the risk of electrostatic sparking the non-metallic surface should only be cleaned with a damp cloth.

Equipment Ratings:

Intrinsically Safe for Class I, Division 1, Groups C, D, Hazardous (Classified) Locations and Intrinsically Safe for Class I, Zone 0, Group IIB hazardous (classified) locations. T3C.

FM Approved for:

A&D Company, Limited
Kitamoto-shi, Saitama Japan



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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3610	2010
Class 3810	2005
ANSI/ISA 60079-0	2013
ANSI/ISA 60079-11	2014

Original Project ID: 3054278

Approval Granted: September 1, 2015

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
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FM Approvals LLC

J.E. Marquedant
Manager of Electrical Systems

1 September 2015

Date