



Product Alert

December 2, 2015

Type of Notification: Safety Concern for Class I, Division 1 and Zone 0 Installation

FM Approvals has been made aware of products fitted with a non-compliant sounder which are a potential ignition hazard when used in a Class I, Division 1, Groups A, B, C and D and Zone 0 Group IIC hazardous (classified) locations. See attached Product Alert HN0001 Rev. A issued by Tracerco.

Company (As Listed in the Approval Guide): Tracerco

Address: Belasis Hall Technology Park, Billingham, Cleveland TS23 4EA, United Kingdom

Contact information: General Telephone: +44 (0) 1642 375500

Product Identity: Contamination & Radiation Monitors manufactured from May 2007 to date.

Models: T201 Contamination Monitor; T202 Radiation Monitor

FM Approval status: All models bearing the FM Mark.

Hazard involved: T202 and T201 Radiation Monitors fitted with a non-compliant sounder are a potential ignition hazard. Until modified the affected products are no longer FM Approved in accordance with the label markings and are not suitable for use in areas where explosive atmospheres may be present. Use of the affected products in areas where explosive atmospheres are present could result in serious personal injury, death and/or property damage. The affected Products must be removed immediately from areas where explosive atmospheres may be present. The affected Product must be returned to Tracerco for modification of the integral sounder.

Further information can be obtained by contacting radiation.monitors@tracerco.com.

If you suspect you are in possession of any of the affected equipment listed above bearing the FM Approvals certification marking, please bring that to the attention of:

Antonio L. Pires

FM Approvals, Quality Department

Norwood, MA, USA

+1 (1)781 255 4825

Email: Antonio.pires@fmapprovals.com

Product Alert

All FM Certified T202 and T201 Radiation Monitors

Products affected

All FM certified T202 and T201 radiation monitors manufactured from May 2007 to date.

Issue

The T202 and T201 Radiation Monitors are rated for use in hazardous (classified) locations as follows:

T202: Intrinsically Safe for Class I, Division 1, Groups A, B, C, D and for Class I, Zone 0, Group IIC.

T201: Intrinsically Safe for Class I, Division 1, Groups C, D.

The affected Products were fitted with a non-compliant sounder which causes an increase in the energy level of the product beyond the acceptable limits for Intrinsic Safety (as defined in Intrinsic Safety standard FM 3610). Therefore, the affected Products are no longer considered FM Approved for use in the hazardous areas for which they were originally Approved and marked.

A replacement sounder has been identified and the Products with the new sounder have been assessed against the Intrinsic Safety standard FM 3610 and found to be compliant. Updating the affected products with the new sounder will reinstate the original FM Approval in full.

The replacement sounder is available through Tracerco as a modification.



Hazard

T202 and T201 Radiation Monitors fitted with a non-compliant sounder are a potential **ignition hazard**. Until modified the affected products are **no longer FM Approved** in accordance with the label markings and are not suitable for use in areas where explosive atmospheres may be present. **Use of the affected products in areas where explosive atmospheres are present could result in serious personal injury, death and/or property damage.** Tracerco accept no liability for such use.

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Belasis Hall Technology Park, Billingham TS23 4ED UK
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tracerco@tracerco.com www.tracerco.com



Action Required

The affected Products **must be removed immediately from areas where explosive atmospheres may be present. The affected Product must be returned to Tracerco for modification of the integral sounder.**

There is no charge for the sounder modification.

Return details

Please send an email to radiation.monitors@tracerco.com for advice and return details stating the following:

- Company name and location.
- Serial numbers of affected product.

Tracerco will endeavour to complete the modification and despatch to the customer within 15 days of receipt at the repair centre addressed below.

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