



Member of the FM Global Group

Product Alert

October 2, 2013

Type of Notification: Product Safety Notification

FM Approvals has been notified by Malvern Instruments Limited of a potential safety concern involving FM Approved Insitec X Systems when installed in Class I, Division 1, Groups A and B hazardous (Classified) locations.

Company Identity:	Malvern Instruments Limited
Name:	Malvern Instruments Limited
Address:	Groveswood Road, Malvern, Worcestershire WR14 1XZ, United Kingdom
Contact Information:	Sarah J Canning Divisional Customer Support Manager Malvern Instruments sarah.canning@malvern.com Product information is available on the internet at: http://www.malvern.com/labeng/products/products.htm Customer Support is also available on the internet at: http://www.malvern.com/malvern/malvernreg.nsf/contactus?readform
Product Identity:	Insitec X System
Description:	Malvern Instruments has identified a potential safety concern affecting the Insitec X System. As a result of an error in the specifications of the intrinsically safe cables used within the Insitec X System, the maximum length of the cables installed between the ITX2006 Interface Unit and the ITX2000 Insitec Optical Head must be reduced from 57 meters to 39 meters when installed in the presence of Group A and Group B gases as defined in the National Electrical Code (NEC).
Make/Model:	ITX2006 Interface Unit; ITX2000 Insitec Optical Head
Nameplate Data	ITX2006 Interface Unit; ITX2000 Insitec Optical Head
FM Approval Status:	FM Approved
Hazard Involved:	Malvern Instruments has issued a product safety notification regarding FM Approved Insitec X Systems when installed in Class I, Division 1, Groups A and B hazardous (Classified) locations. Under these conditions, the maximum length of the cables installed between the ITX2006 Interface Unit and the ITX2000

	Insitec Optical Head must be reduced from 57 meters to 39 meters
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	Please read the attached for a complete description of the potential hazard.
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FM Safety Certification Change Notification

28 August 2013

Following a routine recertification of our Insitec X instrument a potential reduction in the fault tolerance of the Insitec X system has come to our attention when the instrument is deployed in the presence of GROUP A and GROUP B gases as defined in NEC500. As a result of an error within a manufacture's specification, the maximum length of the intrinsically safe cables that can be installed between the instrument and the interface enclosure must be reduced to 39m from 57m in the presence of GROUP A and GROUP B gases.

Until this issue is resolved we must advise you the Insitec X system may not be in compliance with the marked ratings.

As safety is of paramount importance to Malvern Instruments could you please acknowledge receipt of this notice by completing and returning the attached form. Although we envisage the number of cases where a modification is required to be small we wish to ascertain if your installation is affected and if so work with you to rectify this issue.

You should have been contacted by a local representative prior to receiving this notice however if you have been forwarded this notice from other people in your organization and wish to contact us urgently then please email the attached form to sarah.canning@malvern.com .



Sarah J Canning
Divisional Customer Support Manager
Malvern Instruments
UK

Form to acknowledge receipt of Malvern Instruments FM Certification Change Notification.

Please email this form to helpdesk@malvern.com or post to: Sarah Canning, Malvern Instruments, Grovewood Road, Malvern, Worcs, WR141XZ, UK.

Please provide the following information:

Insitec X, Serial number MAL.....

Name:

Job Title:

Company Name:

Company address:

Email address:

Telephone Number:

I have read and understood the FM Certification Change Notification.
The cable length for my installation is _____m(please complete)

The instrument is/ is not (delete as appropriate) installed in GROUP A and GROUP B gases as defined in NEC500.

Signed..... Date.....

****This form should be signed by a relevant representative of the company.
Examples of this are H+S Manager/ Production Manager/ Site Manager/ FM
responsible person****

