



Product Alert

December 3, 2015

Type of Notification: Safety Concern for Outdoor Enclosure Rating for Class I, Division 2 and Unclassified Installations

FM Approvals has been made aware of products fitted with a non-compliant enclosure which may not meet the required water ingress protection rating of IP 66 and Type 4X when used in outdoor locations. See attached Product Alert CFR-15J-L06 issued by Yokogawa.

Company: Yokogawa Electric Corporation
Address: 2-9-32 Nakacho Musashino-shi
Tokyo 180-8750, Japan

Contact Information: Analyzer Section - Product Quality Assurance Department.
Email: EXA450-support@ml.jp.yokogawa.com

Or

Contact your local Yokogawa local sales or service representative.

Product Identity: PH450G, SC450G, ISC450G models manufactured from April 7, 2015 to May 29, 2015.

Models: PH450G: pH and Redox converter
SC450G: Conductivity/Resistivity converter
ISC450G: Inductive Conductivity converter

FM Approval status: FM Approved

Hazard involved: The products identified may not provide a sufficient enclosure ingress protection when used in outdoor locations. Until modified the affected product enclosures are no longer FM Approved as IP66, Type 4X in accordance with the label markings and may not be suitable for use in outdoor areas. Use of the affected products in outdoor areas could result in a potential unsafe ingress of water. The affected Products must be modified or replaced as described in Yokogawa document CFR-15J-L06.

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
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Email: Antonio.pires@fmapprovals.com



Notice of Important Information: Nonconformity of waterproof performance of enclosure for analyzer products

Dear valued customer:

Yokogawa has discovered an issue in waterproof performance of enclosure for analyzer products. This document provides information about the issue, what products are affected, and how to resolve the situation.

1. Information on enclosure issue

We found that some of the screw holes for the installation of the tag plate penetrate through the enclosure in the production line.

Enclosures for PH450G, SC450G and ISC450G have waterproof performance of IP66, Type 4X and CSA Type3S. When the screw hole penetrates through the enclosure, the waterproof performance cannot be satisfied.

However, there is no problem with function and performance, if the product is used indoors.

2. Affected Items

(1) Models of the products

PH450G : pH and Redox converter

SC450G : Conductivity / Resistivity converter

ISC450G : Inductive Conductivity converter

(2) Period of shipment of the products

From April 7, 2015 to May 29, 2015

3. Remedy

Yokogawa will take following action described in ① or ② for the products used in the environment which requires waterproof performance:

① To replace to new product.

② To fill the resin in the screw hole of the enclosure.

In the case of the method ②, you do not need to turn off the power to the equipment.

Thank you for your patience as we work to resolve this situation as part of our commitment to quality.