



Product Alert

October 22, 2014

Type of Notification: Performance Related Concern

FM Approvals has been made aware of a potential issue with Kidde Pre-Engineered Industrial and Vehicle Suppression Systems. Some fusible plug cores have been found to creep outward resulting in premature reduction of the factory-filled 360-psi pressurized cylinders.

Company Identity: Kidde Fire Systems
Address: c/o Kidde-Fenwal, Inc.
400 Main Street
Ashland, MA 01721

Contact information: Mr. David Vanzandt
Technical Support
(866) 287-2531
david.vanzandt@kidde-fenwall.com

Product Identity: Sentinel™ Vehicle Dry Chemical System
Sentinel Vehicle Wet Chemical System
KVS™ Vehicle System
IND™ Industrial Dry Chemical System

Description: Cylinder valve assemblies utilizing a fusible plug as a pressure relief device.

FM Approval status: FM Approved as off-road vehicle protection systems

Hazard Involved:

A suppression system with one or more cylinders not at the factory-filled set pressure will be potentially ineffective in the case of a fire incident.

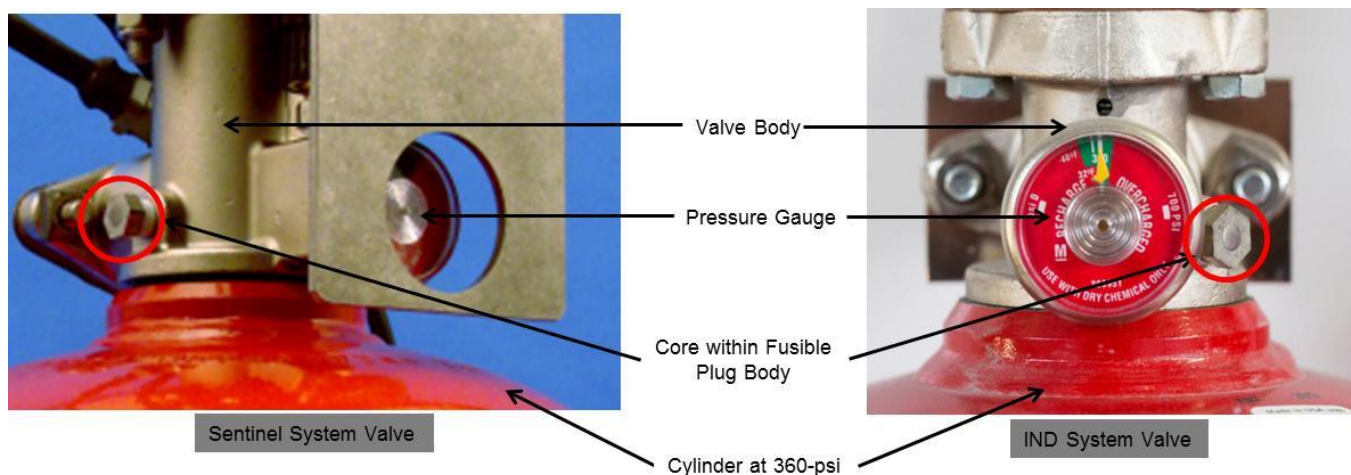
Refer to the attached documents for further details regarding direction for inspection, identification and replacement.

Enclosures: Kidde Fire Systems Bulletin #14-59K

Date: October 13, 2014
To: Kidde Pre-Engineered Industrial and Vehicle Suppression Systems Distributors
From: Abhay Nadgir, Director of Product Management - Suppression
Subject: Safety Bulletin – Pre-E Systems Ordering & Inspection Requirements

IMPORTANT SAFETY NOTIFICATION **YOUR IMMEDIATE ACTION REQUIRED**

Vehicle and Industrial Dry Chemical system cylinder-valve assemblies (pictured below) are pressurized to 360-psi (at 70F) and utilize a fusible plug as a pressure relief device. Of the dry chemical cylinders shipped in and after August 2012, we have recently discovered a potential safety hazard where the cylinders may not work when required because of a loss in pressurization. Some fusible plug cores may creep outward from the plug body and when there has been core creep, some cylinders have experienced a premature reduction of the factory-filled 360-psi pressure. **A suppression system with one or more cylinders not at the factory-filled set pressure will be potentially ineffective in the case of a fire incident.**



An investigation is underway to determine the root cause of the creep and leakages and to implement an appropriate corrective action. In the interim, we are taking the following steps to address both installed units and new orders.

INSTALLED UNITS:

To ensure that installed systems are operational, we request your **immediate assistance in requiring owners / users of systems installed in August 2012 and later to maintain or increase their current inspection frequency** as tabulated below, as well as implement an inspection of the fusible plug, until a field remediation plan is instituted:

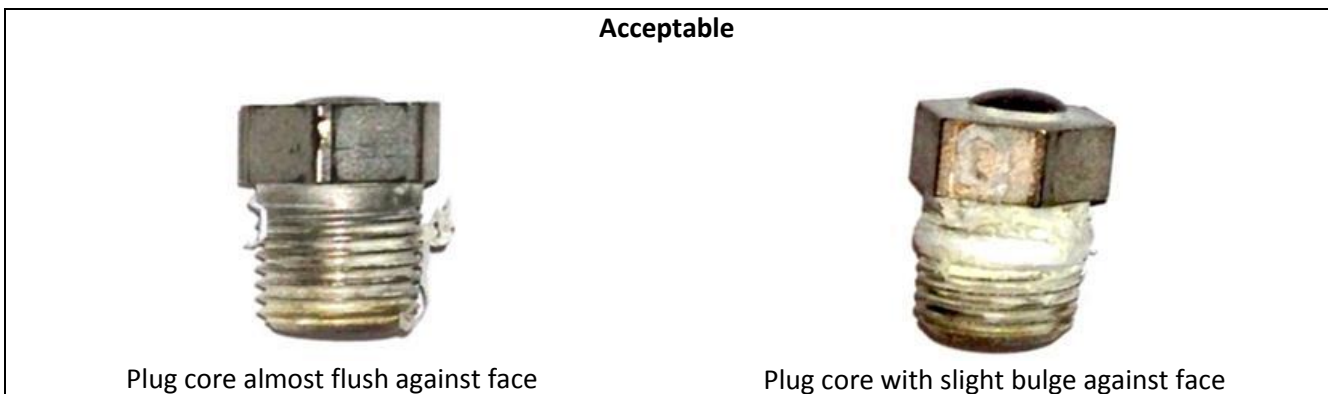
Suppression System	Owners' Manual P/N	Inspection Frequency per Owners' Manual	Interim Inspection Frequency Required
Sentinel™ Vehicle Dry Chemical System	83-131551-000	Daily	Daily
Sentinel Vehicle Wet Chemical System	83-130551-000	Daily	Daily
KVS™ Vehicle System	WK- 219594-000	Daily	Daily
IND™ Industrial Dry Chemical System	83-INDOMA-000	Monthly	Daily

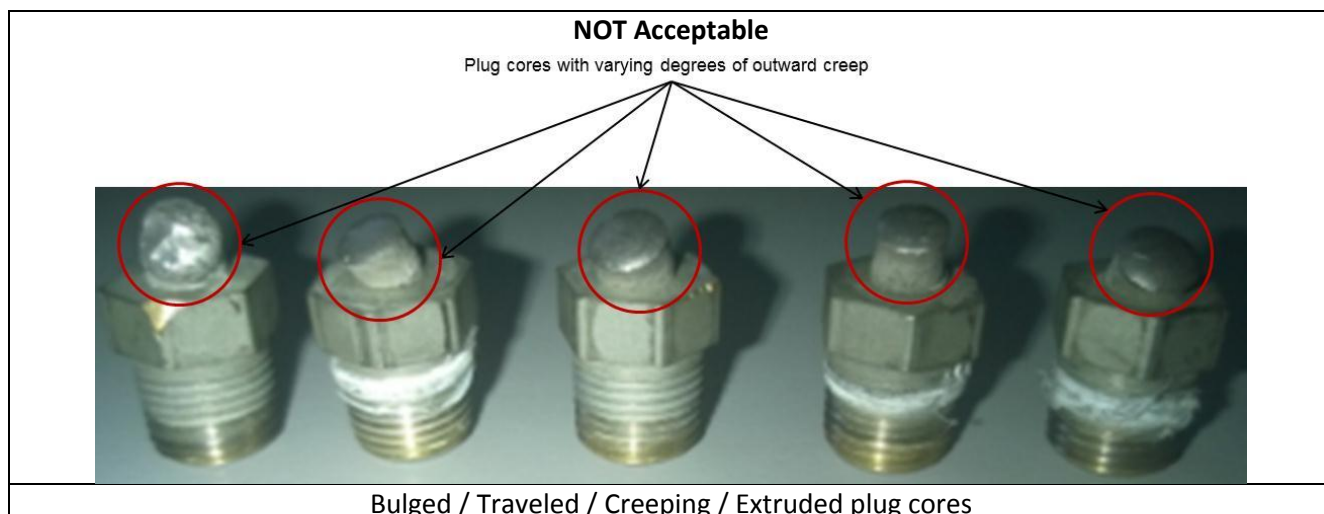
We therefore request that you please immediately:

1. Advise system users of the issue and provide them a copy of the appropriate Owner's Manual
2. **Require system users to perform daily inspection of the cylinder pressure gauge. The pressure gauge reading MUST be in the green area when at 70F as pictured below:**



3. **Require system users to perform daily inspection of the fusible plug. Fusible plug cores MUST be in the position depicted in the 'Acceptable' section below and NOT as depicted in the 'NOT Acceptable' section:**





4. Notify Technical Support immediately at (866) 287-2531 or at David.Vanzandt@Kidde-Fenwal.com if any non-conforming product is found.

As any information that we are able to glean will be of significant benefit in determining root cause and therefore the ultimate resolution, we would like to include in our analysis any cylinders found with less than the factory-filled 360-psi and/or creeping plugs. Priority advance field replacement of those cylinders will be arranged through a special waiver process. Please communicate with us immediately.

NEW ORDERS:

Please be reassured that we are working tirelessly to drive this issue to resolution in the least possible time. **In the interim, we have placed all open and new system orders on hold. Spare parts will continue to ship with cylinder orders being evaluated on a case by case basis.**

If you have any questions or concerns, please contact your Regional Sales Manager or call Product Management at (508) 881-2000. For inspection notification or clarifications on field findings, please contact Technical Support at (866) 287-2531 or at David.Vanzandt@Kidde-Fenwal.com.

We thank you in advance for your immediate attention to this important matter.