



BULLETIN

Safety Bulletin: #16-35K-3 Marine-Owner
Date: May 02, 2017
To: To Whom It May Concern
From: Product Management
Subject: Notification of Safety Issue relating to Fire Suppression System on your vessel

IMPORTANT SAFETY NOTICE - PLEASE READ CAREFULLY AND NOTE REQUIRED ACTIONS

Dear Sir or Madam,

You are receiving this notification due to the likely installation of a Kidde Clean Agent or Carbon Dioxide (CO₂) System on your vessel. One of the components used on this system is a Control Head that mounts on the Agent Cylinder and/or on the Nitrogen Pilot Cylinder. This control head may be one of three types - Pressure operated, Lever operated or combination Pressure-Lever operated. The issue is that some of these Control Heads, when operated, may permit the leakage of the associated gas (either the Agent or Nitrogen). The leakage is minor and has no impact when the Control Head is mounted on the Agent Cylinder. However, if mounted on the Nitrogen Pilot Cylinder, the leakage may impair the operation of the Fire Suppression System.

Kidde is committed to ensuring that all fire suppression systems function fully as intended. **We have redesigned the Control Heads to eliminate the issue and now require the replacement of components as detailed in Appendix-A.**

Please note the following about this issue and Kidde suppression systems:

- This bulletin replaces bulletin #16-35K-Marine-Owner dated January 09, 2017
- Control Heads on Nitrogen Pilot Cylinders need be replaced **ONLY IF** the downstream equipment includes N₂ Time Delays and/or CO₂ Stop Valves as indicated in the table below.
- CO₂ systems using CO₂ time delays are not affected and therefore Control Heads on vessels which are protected by CO₂ systems and have no Nitrogen Pilot Cylinders on board need not be replaced.
- In some cases, dependent on the part number, the Nitrogen Pilot cylinder will also require replacement.
- Control Heads in other use locations (Agent Cylinder, Time Delay Bypass, etc) need not be replaced.

Additionally, please note:

- The responsibility of contracting with an authorized Kidde distributor and ensuring that systems are serviced and inspected on a code-compliant bi-annual basis rests with the system owner.
- Systems should be remediated only by your contracted authorized Kidde Marine distributor.
- If you do not have a contracted servicing distributor, please contact us referring this bulletin number.
- Kidde distributors have been made aware of this issue and are awaiting your call to schedule remediation.
- Kidde distributors will be provided replacement product free-of-cost.
- Kidde recommends that the remediation be scheduled during the next scheduled maintenance cycle – however must be completed before December 31, 2017
- While the actual remediation time will vary by site and configuration complexity, we expect typical time required will be of the order of 10-15 minutes per system.

To contact us, please call or email Technical Support at (866) 287-2531 or kidde_techsupport@fs.utc.com. We thank you for your support of our remediation efforts.

Appendix-A Remediation Detail

With reference to the table below, to ensure correct functionality, replace the 'Suspect' parts by the 'Replacement' parts when used in the tabulated combinations for Clean Agent and CO2 applications.



If the Marine-based system has			Then Replace the 'Suspect' Part By this Modified 'Replacement' Part	
Suspect Control Head	Mounted on Nitrogen Pilot Cylinder	And used in conjunction with	Control Head	Nitrogen Pilot Cylinder
Lever Op w/ SS Lever WK-870652-000	WK-877940-000, Filled, or, WK-877940-001, Empty, or, WK-877940-200, Filled w/ Pr Sw	N2 Time Delay	Replace, using 85-521000-001	Do not replace
		CO2 Stop Valve		
Lever-Pressure Op w/ SS Lever 82-878751-000	WK-877940-000, Filled, or, WK-877940-001, Empty, or, WK-877940-200, Filled w/ Pr Sw	Any Other Device	Do not replace	Do not replace
Lever-Pressure Op w/ SS Lever 82-878751-000	WK-877940-000, Filled, or, WK-877940-001, Empty, or, WK-877940-200, Filled w/ Pr Sw	N2 Time Delay	Replace, using 85-544000-001	Do not replace
		CO2 Stop Valve		
Lever Op w/ SS Lever 85-870652-400	85-877940-000, Filled, or, 85-877940-001, Empty, or, 85-877940-200, Filled w/ Pr Sw	Any Other Device	Do not replace	Do not replace
Lever-Pressure Op w/ SS Lever 85-878751-400	85-877940-000, Filled, or, 85-877940-001, Empty, or, 85-877940-200, Filled w/ Pr Sw	N2 Time Delay	Replace, using 85-521000-001	Replace, using WK-877940-000, or WK-877940-001, or WK-877940-200
		CO2 Stop Valve		
Pressure Op 85-878737-400	85-877940-000, Filled, or, 85-877940-001, Empty, or, 85-877940-200, Filled w/ Pr Sw	Any Other Device	Do not replace	Do not replace
Pressure Op 85-878737-400	85-877940-000, Filled, or, 85-877940-001, Empty, or, 85-877940-200, Filled w/ Pr Sw	N2 Time Delay	Replace, using 82-878737-000	Replace, using WK-877940-000, or WK-877940-001, or WK-877940-200
		CO2 Stop Valve		
		Any Other Device	Do not replace	Do not replace

Part numbers of N2 Time Delays and CO2 Stop Valves referenced above are:

N2 Time Delay P/Ns	CO2 Stop Valve P/Ns
Time Delays 30 sec:	0.25": 81-870023-000
81-871072-001	0.75": 81-870022-000
81-871072-003	1.00": 81-870122-000
	1.25": 81-870032-000
Time Delays 60-sec:	1.50": 81-870123-000
81-871072-002	2.00": 81-870049-000
81-871072-004	3.00": 81-890010-000
	4.00": 81-890208-000