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National Fire  
Equipment



PRODUCT BULLETIN  
IG-08-26-2015

Date: Nov 16<sup>th</sup>, 2015

To: **National Fire Equipment** Badger Industry Guard Dry Chemical System Distributors

From: Joe Di Filippo, Vice President, Kidde Canada  
Keith Webster, Vice President, National Fire Equipment

Subject: Safety Bulletin – Industry Guard Systems  
Reference Kidde Canada Safety Bulletin IG-11-03-2014

## IMPORTANT SAFETY INFORMATION

Please share with your Design, Installation, Service and Purchasing Personnel.

This bulletin is to inform you that Badger has received final UL, ULC and FM approval for a new brass fusible plug for use in Industry Guard (IG) Dry Chemical system cylinders. All new IG cylinder and valve assemblies will utilize this new brass fusible plug, P/N 06-237437-000, which is also available as a separate purchase item for future IG system service. The existing tin plated fusible plug, P/N WK-257754-000, will no longer be available. Updated price lists will be sent out shortly.

We had previously notified you of a supplier quality issue that may impact the function of Badger IG system cylinders, as detailed in the above reference bulletins. Due to the potential defect, the cylinder valve fusible plugs could deteriorate and thereby depressurize the agent cylinders. Depressurized cylinders cannot discharge agent when called upon.

Kidde Canada is committed to ensuring that all IG systems function fully as intended. To help prevent further issues, we have secured a new supplier and have implemented additional process controls for all new fusible plugs. To ensure existing IG system installations perform as intended, **this bulletin requires replacement of fusible plugs for all existing applications using Badger IG suppression system cylinders and valves manufactured from August 1, 2012 through December 10, 2014. Action may be required on your part.** Please read the following carefully and note REQUIRED ACTIONS for affected part numbers, noted in the table below.

P/N	Description
B486570	DC-125 Cylinder/Valve Assembly
B486571	DC-150 Cylinder/Valve Assembly
B100019	DC-175 Cylinder/Valve Assembly
B486573	DC-121 Cylinder/Valve Assembly
B486574	DC-145 Cylinder/Valve Assembly
B100018	DC-170 Cylinder/Valve Assembly

To facilitate the required hardware upgrades, **Replacement Plugs and Valve Rebuild Kits** will be provided **free of cost** for all cylinder assemblies manufactured during the previously noted time period. All cylinder assemblies from this time period must be re-conditioned with the new brass fusible plug or permanently removed from service and properly discarded (**refer to Required Actions below**). For customers who have purchased more than 10 affected units, Kidde Canada will provide a no-charge feeder pool of IG cylinders up to 10% of the total cylinder quantity purchased. Feeder cylinders allow an installed cylinder to be replaced quickly at the customer site with minimal business interruption. The cylinder removed from service can later be reconditioned with the new brass fusible plug. If a feeder cylinder is not available, the installed cylinder assembly must be re-conditioned with the new brass fusible plug and returned to service. Kidde Canada will pre-pay all shipping related expenses for replacement products.

In addition to the free-of-cost feeder cylinders and replacement plugs, Kidde Canada will provide a service credit of **\$150** for each cylinder assembly that is remediated in the field – **either** by replacing with a feeder cylinder from Kidde Canada **or** by a cylinder that you have re-conditioned with the new brass fusible plug. Please review the required actions below to ensure that Kidde Canada can provide timely service credits.

### REQUIRED ACTIONS:

Kidde Canada requires that you take the following actions

1. Please immediately review your records for any IG dry chemical suppression systems installed using purchased product from the above noted timeframe. The manufacturing date code (mmyy format) is stamped on the valve discharge port flange (see figures 1 & 2 below). The cylinder serial number, stamped on the cylinder shoulder, will be required for credit.

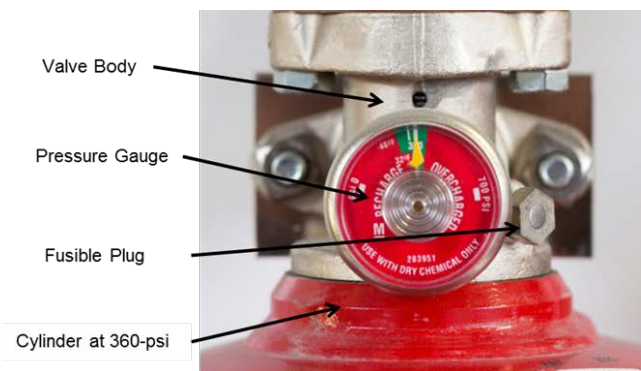


Fig 1. IG Cylinder & Valve Assembly

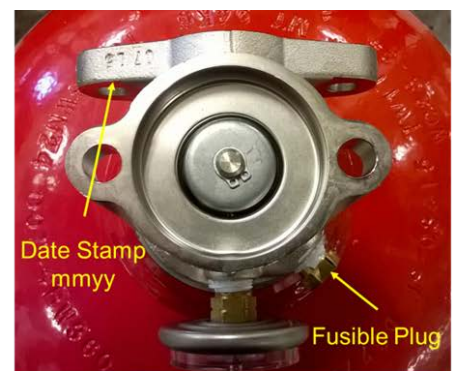


Fig 2. IG Valve Assembly

2. Please contact **National Fire Equipment** no later than 60 days from the date of this bulletin to place no charge orders for replacement fusible plugs, and for feeder cylinders where applicable (see attached "**Advance Replacement Request**" form). **Please reference this bulletin when submitting replacement orders.** Your complete purchase history of affected product will be provided separately. Please place replacement product orders as your service schedule requires, ensuring that service of all affected cylinders is completed no later than 180 days from this bulletin.
3. Please visit all applicable installations as soon as possible and no later than the next regularly scheduled maintenance interval to replace the existing fusible plugs or cylinder assemblies. When re-conditioning any cylinder, the tin plated fusible plug P/N WK-257754-000 must be removed from the valve and replaced with a new brass fusible plug P/N 06-237437-000. All tin plated fusible plugs P/N WK-257754-000 must be permanently discarded. See figures 3 & 4 below for visual identification of tin plated fusible plug versus the new brass fusible plug.



Fig 3. OLD Tin Plated Fusible Plug  
P/N WK-257754-000



Fig 4. NEW Brass Fusible Plug  
P/N 06-237437-000

4. Please permanently discard all old tin plated fusible plugs, P/N WK-257754-000, that were removed from service, per this bulletin.
5. Please permanently de-commission and discard all cylinder assemblies that were not re-conditioned with a new brass fusible plug per this bulletin, following standard practices (e.g. rendering the assembly permanently unusable by cutting a hole in the cylinder wall).
6. Please record the cylinder serial number (required for credit) for each IG cylinder assembly that is remediated in the field - either by replacing with a feeder cylinder from Kidde Canada or by a cylinder that you have re-conditioned with the new brass fusible plug.
7. Complete and return the attached form “**Credit Request & Confirmation of Fusible Plug Replacement**” to your Badger Customer Service Representative for all cylinders serviced. You must return the completed form(s) to receive the replacement service credit and to ensure you are not invoiced for the advance replacement cylinders and plugs. Upon receipt of the signed form, Kidde Canada will provide a credit of \$150 for each cylinder assembly from the affected time period that has been remediated in the field.

As noted in the above referenced bulletins, we had required that all potentially affected cylinders be inspected daily by system owners. Once cylinders have been replaced or re-conditioned, the standard monthly system inspection cycle and semi-annual service cycle can be resumed.

You may recall a prior bulletin regarding use of the fusible plug on Range Guard wet chemical cylinders (Kidde Canada bulletin # RG-10-02-2013). For clarification, the following table provides additional information on the Range Guard and IG pre-engineered system safety relief devices:

System	Valve Assembly Part Number	Legacy Safety Relief Component		REPLACEMENT COMPONENT	
		Part Number & Description	Operating Temperature Range	Part Number & Description	Operating Temperature Range
IG	B878767	WK-257754-000 Plated Fusible Plug, melt rating 212°F	-40°F to 120°F	<b>06-237437-000</b> Brass Fusible Plug, melt rating 212°F	-40°F to 120°F
Range Guard	B120009	WK-257754-000 Plated Fusible Plug, melt rating 212°F	0°F to 120°F	<b>87-120068-001*</b> Solid Nickel Plated Plug	0°F to 120°F

\*Reference Kidde Canada bulletin# RG-10-02-2013

If you have any questions regarding the order and credit process, please contact Kidde Canada Customer Service at 1-800-565-1976 or at [orders@kiddecanada.com](mailto:orders@kiddecanada.com) OR **National Fire Equipment** at the contact information below. If you have technical support questions regarding IG suppression systems, please contact Badger Customer Technical Services at 866-287-2531 or [kidde\\_techsupport@fs.utc.com](mailto:kidde_techsupport@fs.utc.com).

We apologize for any inconvenience that this unfortunate supplier quality issue has caused. We appreciate your assistance in this program and thank you for continuing to work with us during this difficult period.

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

**Contact us:**

<b>National Fire Equipment Contact List</b>				
<u>Location</u>	<u>Name</u>	<u>E-mail</u>	<u>Phone</u>	<u>Fax</u>
Vancouver	Ron Lavigne	<a href="mailto:rlavigne@nationalfire.com">rlavigne@nationalfire.com</a>	604-420-1131	604-420-2103
Calgary	Scott Schmidt	<a href="mailto:sschmidt@nationalfire.com">sschmidt@nationalfire.com</a>	403-236-5661	403-236-2367
Edmonton	Jan Gardiner	<a href="mailto:jgardiner@nationalfire.com">jgardiner@nationalfire.com</a>	780-455-3870	780-451-0926

Yours truly,



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**Credit Request Fusible Plug Form**  
Refer to Bulletin # **IG-08-26-2015**



## CREDIT REQUEST & CONFIRMATION OF FUSIBLE PLUG REPLACEMENT

Please use this form to claim credit **ONLY** for replacement of fusible plugs on Industry Guard system cylinders manufactured from August 1, 2012 through December 10, 2014. The manufacturing date code (mmyy format) is stamped on the valve discharge port flange. The cylinder serial number, stamped on the cylinder shoulder, will be required for credit. **All affected cylinders must be replaced or re-conditioned with new brass fusible plug P/N 06-237437-000, and all replaced tin plated fusible plugs, P/N WK-257754-000 must be permanently discarded.**

1. Please read Bulletin **IG-08-26-2015** and accompanying instructions prior to any plug replacement.
2. Please completely fill in the following tables, using additional copies as needed for all cylinders serviced. Please be sure to include the serial number for each cylinder and indicate whether the fusible plug was replaced **OR** the cylinder was permanently decommissioned.
3. **Please sign and return the completed forms to your National Fire Equipment Branch within 30 days of service, to receive the \$150 credit for each unit that has been remediated.**

### Distributor Information

<b>Date:</b>	
<b>Distributor Co. Name:</b>	
<b>Distributor Account #:</b>	
<b>Invoicing Address:</b>	
<b>Contact Person:</b>	
<b>Contact Person Phone:</b>	
<b>Contact Person Email:</b>	

Part Number	Cylinder Serial No.

Part Number	Cylinder Serial No.

I certify that the cylinder assemblies specified above were remediated in the field - EITHER by replacing with a feeder cylinder from Kidde Canada or by a cylinder that has been re-conditioned with the new **brass** fusible plug P/N 06-237437-000 supplied by Kidde Canada, in accordance with Bulletin **IG-08-26-2015**. I certify that all tin plated fusible plugs P/N WK-257754-000 that were removed from service were permanently discarded.

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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**Advance Replacement Request Form**  
Refer to Bulletin # **IG-08-26-2015**



## INDUSTRY GUARD (IG) CYLINDER ADVANCE REPLACEMENT REQUEST

Please use this form to request advance replacements for Badger IG cylinders & fusible plugs **manufactured from August 1, 2012 through December 10, 2014**, as outlined in the above referenced bulletin.

1. Please read Bulletin **IG-08-26-2015** and accompanying instructions prior to performing any replacement service.
2. Please completely fill in the following tables, including ALL applicable installations (use additional copies if needed).
3. **Please return the completed forms within 60 days of the bulletin issue date to your National Fire Equipment Branch.**

### Distributor Information

<b>Date:</b>	
<b>Distributor Name:</b>	
<b>Distributor Account #:</b>	
<b>Invoicing Address:</b>	
<b>Contact Person:</b>	
<b>Contact Person Telephone:</b>	
<b>Contact Person Email:</b>	

### Replacement Parts Order

Item #	P/N	Description	Qty	Date of Next Scheduled Service
1	B486570	DC-125 Cylinder/Valve Assembly, 25lb <b>BC</b>		
2	B486571	DC-150 Cylinder/Valve Assembly, 50lb <b>BC</b>		
3	B100019	DC-175 Cylinder/Valve Assembly, 75lb <b>BC</b>		
4	B486573	DC-121 Cylinder/Valve Assembly, 21lb <b>ABC</b>		
5	B486574	DC-145 Cylinder/Valve Assembly, 45lb <b>ABC</b>		
6	B100018	DC-170 Cylinder/Valve Assembly, 68lb <b>ABC</b>		
7	06-237437	Fusible Plug, <b>Brass</b> , 212°F		

**TOTAL NUMBER OF ADVANCE REPLACEMENT CYLINDERS REQUESTED:** \_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date