

## **TOTAL – FLAMEFAST SAFETY BULLETIN**

Dear Colleagues,

It has come to our notice that there have been a small number of incidents relating to valves on the 2kg and 5kg aluminium CO<sub>2</sub> extinguishers sold in the UK under the TOTAL and FLAMEFAST brand names. It appears that stress corrosion cracking has caused the valve to fail on an extremely small number of occasions. The risk of an incident is very low but it may increase if the extinguishers are handled without following our instructions. On rare occasions, the valves may be ejected under high speed to cause severe injuries.

The safety of our customers is our utmost priority and as a precaution, **we are asking customers not to use, service and/or move the affected extinguishers themselves in any way, and following standard safety practices, should not lean directly over the head of the extinguisher.**

These incidents relate to a small number of the 2kg and 5kg extinguishers which were sold between 2007 and April 2011. These extinguishers can easily be identified:

- by their labels which are clearly marked with either the FLAMEFAST or TOTAL brands
- they are a CO<sub>2</sub> extinguisher with a 2kg or 5kg capacity and
- the valves are stamped '231'.

The valves in question, which are in line with all approvals and certifications (CE) were purchased by Tyco and did not meet the supplier's specifications.



**CO<sub>2</sub> 5kg extinguisher**



**CO<sub>2</sub> 2kg extinguisher**

# CO<sub>2</sub>

**FIRE EXTINGUISHER**

CO<sub>2</sub> CARBON DIOXIDE

5 KG

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89 B



1. Remove safety pin.  
Use upright.



2. Direct horn at base of fire.



3. Squeeze handle to  
commence discharge.  
Release to interrupt.





! Caution when applying in small, unventilated rooms.

! Do not hold nozzle in use - can freeze skin.

! Suitable for use on live electrical equipment up to 1000 v at a distance of 1 m.





CE 0036

**MODEL KS 5 BG**

MAINTENANCE  
Regularly, at least monthly, visually check that the extinguisher has not been used or damaged. If the safety seal has been broken or there is obvious damage or corrosion the extinguisher must be removed for further inspection / or recharge.

After any use, the extinguisher must be recharged in accordance with BS 6643 Pt. 1 by an organisation competent in refilling and servicing CO<sub>2</sub> extinguishers. This extinguisher should be sited and installed in accordance with the recommendations contained in BS 5306 : Pt. 8.

WARNING  
Depressurise and recharge after any use, first slacken the valve closures to vent residual pressure prior the removal.

On no account should any attempt be made to remove the valve as improper or careless use may cause serious bodily injury or other damage.

This extinguisher is a pressurised container and must not be exposed to excessive heat.

REFILL EXTINGUISHER AFTER ANY USE! PERFORM A SERVICE ANNUALLY.  
REPLACE ONLY WITH OEM APPROVED MATERIALS AND AGENT.

EXTINGUISHING AGENT: 5 KG CARBON DIOXIDE  
OPERATIONAL TEMPERATURES: -20°C TO +60°C  
CERTIFICATION NUMBER: KM 89960 BS EN 3  
TYPE: KS 5 BG

Manufacturer:  
**FLN Feuerlöschergeräte Neuruppin Vertriebs-GmbH**  
Postfach 1162  
D-16801 Neuruppin  
Germany



Sicherheit und Feuerschutz  
Made in Germany

095 358

Example of Total label

# CO<sub>2</sub>

**FIRE EXTINGUISHER**  
CO<sub>2</sub> CARBON DIOXIDE

2 KG  
55B



**1. Pull out pin. Use upright.**



**2. Lift horn aim at base of fire.**



**3. Squeeze handle to operate.  
Release handle to interrupt.**




- ! **Caution when applying in small, unventilated rooms.**
- ! **Do not touch horn whilst operating - can freeze skin.**
- ! **Suitable for use on live electrical equipment up to 1000v at a distance of 1 m.**

REFILL EXTINGUISHER AFTER ANY USE! PERFORM A SERVICE ANNUALLY.  
REPLACE ONLY WITH OEM APPROVED MATERIALS AND AGENT.

EXTINGUISHING AGENT: 2 KG CARBON DIOXIDE  
OPERATIONAL TEMPERATURES: -20°C TO +60°C  
CERTIFICATION NUMBER: KM89960 BS EN 3  
TYPE: KS 2 BG



095 490



CE 0036

MODEL KS 2 BG

**MAINTENANCE**  
Regular, at least monthly, visually check that the extinguisher has not been used or damaged. If the safety seal has been broken or there is obvious damage or corrosion the extinguisher must be removed for further inspection / or recharge.

After any use, the extinguisher must be recharged in accordance with BS 6643 Pt. 1 by an organisation competent in refilling and servicing CO<sub>2</sub> extinguishers. This extinguisher should be sited and installed in accordance with the recommendations contained in BS 5306 : Pt. 8.

**WARNING**  
Depressurise and recharge after any use, first slacken the valve closures to vent residual pressure prior the removal.

On no account should any attempt be made to remove the valve as improper or careless use may cause serious bodily injury or other damage.

This extinguisher is a pressurised container and must not be exposed to excessive heat.



Example of Flamefast label

Only CO<sub>2</sub> extinguishers sold under these brands are affected and as a safety precaution, we are in the process of contacting our customers to implement a product replacement programme.

In the meantime, if you have any concerns about extinguishers, please contact:

**Steve Walker**

**UK Business Development Manager - Portables-FFHW-Residential Sprinklers**

Tel: +44 (0)7824 668133

Email: [swalker@tyco-bspd.com](mailto:swalker@tyco-bspd.com)

Regards,



**Jan Schumer**

**Branch Manager – UK, Ireland and Africa Tyco Fire Protection Products**