



APRIL 2, 2019

## BULLETIN # 02-2019

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### Amendment to Protocol B2.6: Standpipes on Safety Relief Valves

Protocol B2.6 of the Anhydrous Ammonia Code of Practice indicates that safety relief valves on storage vessels shall be equipped with standpipes and rain caps. Protocol B2.6 is not currently listed as a mandatory requirement, and is weighted at 10 points.

**Current Language for Protocol B2.6:** *Safety relief valves shall also be equipped with standpipes (typically 36 inches in length) and raincaps. Pipes should be adequately supported to prevent damage due to wind.*

The use of rain caps is a regulatory requirement. There is no current regulatory requirement for the use of standpipes.

There have been concerns that standpipes are causing safety relief valves to fail prematurely due to condensation and freeze / thaw cycles. Additionally, there have been concerns that releases may be caused by wind shear where the force applied to the surface area of the standpipe results in the pressure relief valve threads to crack.

To address the concerns, Protocol B2.6, this amendment removes the requirement to equip safety relief valves with standpipes. The use of rain caps is maintained as a suitable alternative.

Anhydrous Ammonia Code sites and Code auditors should note that this change does not prohibit the use of standpipes on safety relief valves.

The Anhydrous Ammonia Code of Practice is amended to reflect this change which is **effective immediately**:

**Amended Language for Protocol B2.6:** *Safety relief valves shall be equipped with rain caps.*

The Appendices will be updated at a later date to reflect the amendment.

Should you have any questions, please do not hesitate to contact the Ammonia Code Senior Auditor Dennis Black via email at [deblack1@mts.net](mailto:deblack1@mts.net) or via phone at 204-512-2109, or the Ammonia Code Project Manager, Anthony Laycock via email at [manager@awsa.ca](mailto:manager@awsa.ca). You may alternately contact Fertilizer Canada using the coordinates below.

Regards,



**FERTILIZER CANADA**  
**FERTILISANTS CANADA**

907 – 350 Sparks, Ottawa ON K1R 7S8  
T (613) 230-2600 | F (613) 230-5142

[info@fertilizercanada.ca](mailto:info@fertilizercanada.ca)  
[fertilizercanada.ca](http://fertilizercanada.ca) | [fertilisantscanada.ca](http://fertilisantscanada.ca)

## **AMMONIA CODE OF PRACTICE** **BULLETIN #02-2019**

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Nadine Frost  
Manager, Regulatory Affairs  
Fertilizer Canada  
T: 613-786-3032  
[nfrost@fertilizercanada.ca](mailto:nfrost@fertilizercanada.ca)