

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

7 March 2022

Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods

Bern, 14–18 March 2022

Item 2 of the provisional agenda

Tanks

Marking of tanks carrying flammable liquefied gases that are fitted with safety valves

Transmitted by Liquid Gas Europe on behalf of the BLEVE working group

Amended text for ECE/TRANS/WP.15/AC.1/2022/12

Comments have been received with regards to the proposal submitted as formal document ECE/TRANS/WP.15/AC.1/2022/12. Liquid Gas Europe has considered these comments and has taken them into account with the revised text for both proposals 1 and 2. The revised text has the agreement also of the BLEVE working group.

New wording is shown **bold** and deleted wording is shown ~~struck through~~.

1. With the mandatory requirement for the fitting of safety valves in tanks transporting flammable liquefied gases being adopted further work has been requested on the marking of tanks fitted with safety valves.
2. To aid emergency services the proposal also includes an identification letter that will be displayed in a placard, this will also require a new paragraph (6.8.3.2.9.6).
3. Additionally, two new transitional measures will also be required in 1.6.3 and 1.6.4.

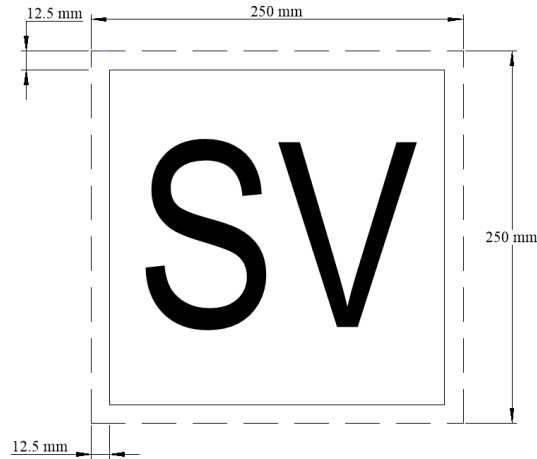
Proposal 1: new 6.8.3.2.9.6

“6.8.3.2.9.6 Safety valve mark

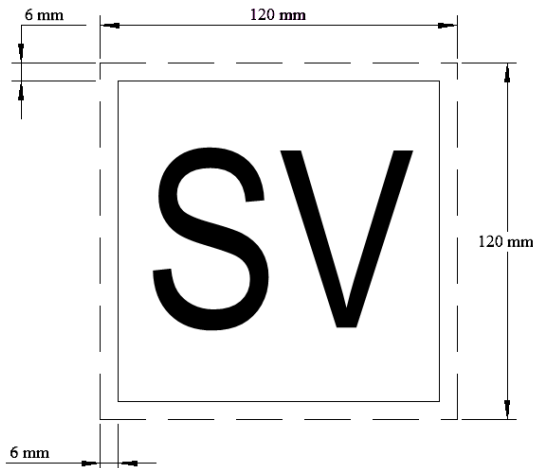
6.8.3.2.9.6.1 Tanks fitted with safety valves in accordance with 6.8.3.2.9.1 to **6.8.3.2.9.5** shall display the mark as set out in 6.8.3.2.9.6.23 to 6.8.3.2.9.6.56.

6.8.3.2.9.6.2 Tanks not fitted with safety valves in accordance with 6.8.3.2.9.1 to 6.8.3.2.9.5 shall not display the mark as set out in 6.8.3.2.9.6.3 to 6.8.3.2.9.6.6.

6.8.3.2.9.6.23 The mark shall consist of a white square with minimum dimensions of 250 mm x 250 mm. The ~~black~~ line inside the edge shall be **black**, parallel and **approximately** 12.5 mm from the outside of that line to the outside edge of the mark. The ~~black~~ letters ‘SV’ shall be **black**, a minimum of 120 mm high **and have a minimum stroke thickness of 12 mm.**



6.8.3.2.9.6.34 For tank containers with a capacity of less than 1 500 litres **the marks may be reduced in dimensions size to not less than 120 mm x 120 mm. The black line inside the edge shall be black, parallel and approximately 6 mm from the outside of that line to the outside edge of the mark. The black letters ‘SV’ shall be black, a minimum of 60 mm high and have a minimum stroke thickness of 6 mm.**



6.8.3.2.9.6.45 The material used shall be weather-resistant and ensure **the mark is durable marking**. The mark shall not become detached from its mount in the event of 15 minutes’ engulfment in fire. It shall remain affixed irrespective of the orientation of the tank.

6.8.3.2.9.6.56 The letters ‘SV’ shall be indelible and shall remain legible after 15 minutes’ engulfment in fire.

(RID:)

6.8.3.2.9.6.67

The marks shall be displayed on both sides and both ends of tank-containers. For tank containers with a capacity of less than ~~3 000~~ 500-litres the marks may be displayed either on both sides or on both ends.

(ADR:)

6.8.3.2.9.6.67

The marks shall be displayed on both sides and the rear of fixed tanks (**tank-vehicles**) and on both sides and both ends of demountable tanks.

The marks shall be displayed on both sides and both ends of tank-containers. For tank containers with a capacity of less than ~~3 000~~ 500-litres the marks ~~may~~ be displayed either on both sides or on both ends.

Proposal 2: Transitional measures

(ADR:)

1.6.3

Insert the following new transitional provisions:

“1.6.3.xx

Fixed tanks (tank-vehicles) and demountable tanks that are already fitted with safety valves meeting the requirements of 6.8.3.2.9 as applicable from 1 January 2023 do not need to ~~display~~ have the marks in accordance with 6.8.3.2.9.6 **until the next intermediate or periodic inspection after 31 December 2023**~~before the 31st December 2024.~~”

(RID/ADR:)

1.6.4

Insert the following new transitional provision:

“1.6.4.xx

Tank-containers that are already fitted with safety valves meeting the requirements of 6.8.3.2.9 as applicable from 1 January 2023 do not need to ~~display~~ have the marks in accordance with 6.8.3.2.9.6 **until the next intermediate or periodic inspection after 31 December 2023**~~before the 31st December 2024.~~”