



Transportation of Dangerous Goods Directorate
L'Esplanade Laurier
300 Laurier Avenue West
Ottawa, Ontario
K1A 0N5

Direction générale du transport des marchandises dangereuses
L'Esplanade Laurier
300, avenue Laurier Ouest
Ottawa (Ontario)
K1A 0N5



Equivalency Certificate (Approval issued by the competent authority of Canada)

Certificate No.: SU 8424 (Ren. 12)

Certificate Type: N/A

Certificate Holder: North American Automotive HazMat Action Committee (NAAHAC)

Mode of Transport: Road, Rail

Effective Date: August 26, 2020

Expiry Date: November 30, 2025

LEGEND

For the purposes of this equivalency certificate, documents referred to by an abbreviation have the following meaning:

TDG Act: *Transportation of Dangerous Goods Act, 1992*

TDG Regulations: *Transportation of Dangerous Goods Regulations*

TP14850: Transport Canada Standard TP14850E, “*Small Containers for Transport of Dangerous Goods, Classes 3, 4, 5, 6.1, 8 and, 9, a Transport Canada Standard*”, 2nd Edition, October 2010, published by the Department of Transport

UN Recommendations: “*Recommendations on the Transport of Dangerous Goods*”, published by the United Nations (UN), as amended from time to time

NOTES

Note 1: Subsection 31(4) of the *TDG Act* stipulates that any non-compliance with the conditions of this equivalency certificate will result in the provisions of the *TDG Act* and *TDG Regulations* to apply as though this equivalency certificate did not exist.

Note 2: This equivalency certificate provides no regulatory relief other than specifically stated herein. Therefore, all other requirements of the *TDG Act* and the *TDG Regulations* apply.

PURPOSE

Part A of this equivalency certificate authorizes the transportation of dangerous goods UN3268 in accordance with Packing Instructions 902 of *TP14850*, for small means of containment, or in accordance with Packing Instruction LP 902 of the *UN Recommendations*, for large means of containment with a capacity over 450 L. The equivalency certificate authorizes also the handling, offering for transport or transporting of dangerous goods UN3268 in a dedicated handling device, vehicle, container or wagon if the dangerous goods are moved from the place of manufacture to an assembly plant or to, between, and from intermediate handling locations.

Part B of this equivalency certificate authorizes the use of 208 L or less removable head drums to transport non-refillable cylinders with UN3268, SAFETY DEVICES, electrically initiated, Class 9, to a facility for recycling or disposal.

CONDITIONS

A) This equivalency certificate authorizes **the members of The North American Automotive HazMat Action Committee (NAAHAC)** to handle, offer for transport, or transport, and authorizes any person to handle or transport on behalf of the members of The North American Automotive HazMat Action Committee (NAAHAC), by road or railway vehicle, dangerous goods that are:

- UN3268, SAFETY DEVICES, electrically initiated, Class 9,

in a manner that does not comply with:

- subsection 5.12(1) of the *TDG Regulations*,
- subparagraphs 5.14(1)(a)(i) and 5.14(1)(b)(i) of the *TDG Regulations*,

if the following conditions are met:

1) General

- (a) The North American Automotive HazMat Action Committee (NAAHAC) ensures that a copy of this equivalency certificate is provided to all members of The North American Automotive HazMat Action Committee (NAAHAC);
- (b) A paper or electronic copy of this equivalency certificate accompanies the dangerous goods during transport and must be provided to an inspector or a peace officer immediately upon request.

2) Means of Containment

- (a) The dangerous goods contained in a means of containment having a capacity less than or equal to 450 L are transported in accordance with Packing Instructions 902 of *TP14850*, and are contained in one of the following UN specification means of containment:
 - (i) drums (1A2, 1B2, 1N2, 1H2, 1D, 1G),
 - (ii) boxes (4A, 4B, 4N, 4C1, 4C2, 4D, 4F, 4G, 4H1, 4H2),
 - (iii) jerricans (3A2, 3B2, 3H2),

The means of containment must conform to the Packing Group III performance level;

Equivalency Certificate SU 8424 (Ren. 12)
(Approval issued by the competent authority of Canada)

(b) The dangerous goods contained in a means of containment having a capacity over 450 L are transported in accordance with Packing Instruction LP 902 of the *UN Recommendations*, and are contained in one of the following UN specification rigid large means of containment:

- (i) steel (50A),
- (ii) aluminum (50B),
- (iii) metal other than steel or aluminum (50N),
- (iv) rigid plastics (50H),
- (v) natural wood (50C),
- (vi) plywood (50D),
- (vii) reconstituted wood (50F),
- (viii) rigid fibreboard (50G),

The means of containment must conform to the Packing Group III performance level;

(c) The means of containment must be designed and constructed to prevent movement of the articles and inadvertent operation during normal conditions of transport;

(d) The dangerous goods may also be handled, offered for transport or transported unpackaged in a dedicated handling device, vehicle, container or wagon if the dangerous goods are moved from the place of manufacture to an assembly plant or to, between, and from intermediate handling locations.

3) Documentation

(a) The shipping document that accompanies the dangerous goods contains the following information legibly and indelibly printed:

- (i) **“Equivalency Certificate SU 8424 (Ren. 12)”**, or
- (ii) **“Certificat d’équivalence SU 8424 (Ren. 12)”**.

4) Training

(a) In addition to the requirements of Part 6 (Training) of the *TDG Regulations*, the members of The North American Automotive HazMat Action Committee (NAAHAC) ensure that the personnel handling, offering for transport or transporting the dangerous goods are trained in regards to the conditions of this equivalency certificate.

B) This equivalency certificate authorizes **the members of the North American Automotive HazMat Action Committee (NAAHAC)** to handle, offer for transport, or transport, and authorizes any person to handle or transport on behalf of the members of the North American Automotive HazMat Action Committee (NAAHAC), by road or railway vehicle, dangerous goods that are:

- UN3268, SAFETY DEVICES, electrically initiated, Class 9,

in a manner that does not comply with:

- sections 5.1.1 and 5.12 of the *TDG Regulations*,

if the following conditions are met:

1) **General**

- (a) The dangerous goods and its packaging are intended for disposal, recycling or other reclamation process;
- (b) The North American Automotive HazMat Action Committee (NAAHAC) ensures that a copy of this Equivalency Certificate is provided to all members of the the North American Automotive HazMat Action Committee (NAAHAC);
- (c) A paper or electronic copy of this equivalency certificate accompanies the dangerous goods during transport and must be provided to an inspector or a peace officer immediately upon request.

2) **Means of Containment**

- (a) The dangerous goods are packaged in,
 - (i) a steel drum that:
 - (1) has a water capacity equal to or less than 208 L, has a bottom, wall and lid thickness of not less than 1 mm,
 - (2) has a closure device that is designed and applied to remain secure during normal conditions of transport,
 - (3) is adequately ventilated to prevent the build-up of pressure in the event of an airbag module, airbag inflator or seat belt pretensioner activating during transport, including handling,
 - (4) if used, is dry and free of contamination. The used drum shall show no visual evidence of significant reduction in parent metal thickness, gauges, cracks or other significant defects. Labels and liners must be removed prior to re-use,
 - (5) is not filled more than 50% of its maximum capacity, or

Equivalency Certificate SU 8424 (Ren. 12)
(Approval issued by the competent authority of Canada)

- (ii) inner receptacles that are anti-static plastic bags placed in a robust dedicated reusable container fitted with trays or racks and/or cushioning material preventing the articles to move during transport;
- (b) The means of containment is designed, constructed, filled, closed, secured, and maintained so that under normal conditions of transport, including handling, there will be no accidental release of dangerous goods that could endanger public safety.

3) Documentation

- (a) The shipping document that accompanies the dangerous goods contains the following information legibly and indelibly printed:
 - (i) **“Equivalency Certificate SU 8424 (Ren. 12)”**, or
 - (ii) **“Certificat d’équivalence SU 8424 (Ren. 12)”**.

4) Training

- (a) In addition to the requirements of Part 6 (Training) of the *TDG Regulations*, the members of the North American Automotive HazMat Action Committee (NAAHAC) ensure that the personnel handling, offering for transport or transporting the dangerous goods are trained in regards to the conditions of this equivalency certificate.

Signature of Issuing Authority



David Lamarche, P. Eng., ing.
Chief, Approvals and Special Regulatory Projects

Equivalency Certificate SU 8424 (Ren. 12)
(Approval issued by the competent authority of Canada)

Contact Person:	Grant Haves NAAHAC 10 Hunter Brook Lane Queensbury NY 12804 USA
Telephone:	313-845-8762
E-mail:	mail@costha.com
<u>Legend for Certificate Number</u>	
SH - Road, SR - Rail, SA - Air, SM - Marine SU - More than one Mode of Transport Ren - Renewal	