



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 14211

Certificate Type: N/A

Certificate Holder: Canadian Battery Association

Mode of Transport: Road, Rail, Marine

Effective Date: February 1, 2024

Expiry Date: February 28, 2029

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*

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

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NOTES

Note 1: Subsection 31(4) of the *TDG Act* stipulates that any non-compliance with the conditions of this equivalency certificate causes 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.

Note 3: No person shall use or apply this equivalency certificate, including the display of its number, when the equivalency certificate has expired or is otherwise no longer in effect. Any alteration of this equivalency certificate renders it invalid. Visit the Transport Canada website for the latest version of this equivalency certificate.

PURPOSE

(The following is for information purposes only and is not part of the certificate.)

Lithium Batteries transported for disposal, recycling or any other reclamation process

This equivalency certificate authorizes **members of the Canadian Battery Association and the participants in the recycling program** to transport dangerous goods that are lithium metal or lithium-ion cells and batteries in a manner that does not comply with:

- part 3 (Documentation) of the *TDG Regulations*,
- sections 4.11 and 4.12 of part 4 (Dangerous Goods Safety Marks) of the *TDG Regulations*, and
- part 6 (Training) of the *TDG Regulations*.

The cells and batteries are transported from the collection sites serving the general public to a triage or sorting facility, to eventually be shipped for disposal or recycling.

CONDITIONS

Lithium Batteries transported for disposal, recycling or any other reclamation process

This equivalency certificate authorizes **members of the Canadian Battery Association and the participants in the recycling program** to handle, offer for transport or transport and authorizes **any person** to handle or transport on behalf of members of the **Canadian Battery Association or the participants in the recycling program**, by road or railway vehicle, or by ship on a domestic voyage, dangerous goods that are:

UN Number	Shipping Name and Description	Class	Packing Group
UN3090	LITHIUM METAL BATTERIES (including lithium alloy batteries)	9	N/A
UN3091	LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT, (including lithium alloy batteries); or LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT (including lithium alloy batteries)	9	N/A
UN3480	LITHIUM ION BATTERIES (including lithium ion polymer batteries)	9	N/A
UN3481	LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT (including lithium ion polymer batteries); or LITHIUM ION BATTERIES PACKED WITH EQUIPMENT (including lithium ion polymer batteries)	9	N/A

in a manner that does not comply with:

- part 3 (Documentation) of the *TDG Regulations*,
- sections 4.11 and 4.12 of part 4 (Dangerous Goods Safety Marks) of the *TDG Regulations*, and
- part 6 (Training) of the *TDG Regulations*,

if the following conditions are met:

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1) General

- a) The cells and batteries are intended for disposal or recycling, and are transported from sites participating in a battery recycling program to a triage facility where the batteries will be sorted and packaged in order to be shipped to the disposal or recycling facility;
- b) The cells and batteries are transported in accordance with the requirements of Special Provision 138 of Schedule 2 of the *TDG Regulations*;
- c) Damaged or defective cells and batteries must not be offered for transport or transported under the conditions of this equivalency certificate;
- d) The **Canadian Battery Association and its members** ensure that a copy of this equivalency certificate is available to all participants in the recycling program.

2) Means of Containment

- a) The means of containment complies with Packing Instruction P909 of the *UN Recommendations*;
- b) As an alternative to Additional Requirements #1, #2 and #3 of Packing Instruction P909 of the *UN Recommendations*, cells and batteries need not be protected from short circuit and need not be packed to prevent excessive movement during transport if they are transported in a UN specification drum with a removable head, that meets the requirements for packing group II. In order to protect batteries against short circuits and dangerous evolution of heat, the means of containment must be equipped with fire-mitigating accessories, such as, but not limited to fire-retardant pillows, or electrically non-conductive and non-combustible cushioning material to fill empty space (for example, CellBlock, Extover, etc.).

3) Safety marks – Marking, Labelling and Placarding

- a) The means of containment containing the cells and batteries is durably and legibly marked on a contrasting background with the Class 9, lithium battery label, illustrated in the Appendix of Part 4 of the *TDG Regulations*;
- b) The means of containment containing the cells and batteries is durably and legibly marked on a contrasting background with the equivalency certificate number “**SU 14211**”.

4) Training

- a) The **Canadian Battery Association** provides instructions to the participants that explains the requirements of the *TDG Regulations* and the conditions of this equivalency certificate. These instructions must also be made available on the **Canadian Battery Association's** website.

Signature of Issuing Authority

David Lamarche, P. Eng., ing.

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

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(The following is for information purposes only and is not part of the certificate.)

Contact Person:	Colin McKean Canadian Battery Association 536 Broughton Street, Fl 3 Victoria, BC V8W 1C6
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Legend for Certificate Number	
SH - Road, SR - Rail, SA - Air, SM - Marine SU - More than one Mode of Transport Ren - Renewal	

For more information:	
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