



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

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 Number: SU 14355 (Ren. 3)

Template Number: 46

Certificate Holder: Council on Safe Transportation of Hazardous Articles (COSTHA)
160 Greencastle Road, Suite A
Tyrone GA 30296
USA

Mode of Transport: Road, Rail, Marine

Effective Date: March 20, 2026

Expiry Date: March 31, 2031

LEGEND

For 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*

49 CFR: *Parts 171 to 180 of Title 49 of the "Code of Federal Regulations" of the United States, as amended from time to time*

ICAO Technical Instructions: *"Technical Instructions for the Safe Transport of Dangerous Goods by Air", published by the International Civil Aviation Organization (ICAO), as amended from time to time*

IMDG Code: *Volumes 1 and 2 of the "International Maritime Dangerous Goods Code", published by the International Maritime Organization (IMO), as amended from time to time*

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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Manual of Tests and Criteria: “*Recommendations on the Transport of Dangerous Goods: Manual of Tests and Criteria*”, 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.

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certificate, including the display of its number, when the equivalency certificate has expired or is otherwise no longer in effect.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.)

Part A of this equivalency certificate pertains to new lithium cells and batteries. **Part B** pertains to cells/batteries transported for disposal, recycling or any other reclamation process.

To harmonize with the 49 CFR, this equivalency certificate authorizes the handling, offering for transport or transportation of lithium cells and batteries which exceed the lithium content and watt hour rating specified in Special Provision 34. The lithium cells and batteries must not exceed the following limits:

- Lithium metal cell with a lithium content of ≤ 5 g,
- Lithium metal battery with a lithium content of ≤ 25 g,
- Lithium ion cell with a watt hour rating of ≤ 60 Wh, or
- Lithium ion battery with a watt hour rating of ≤ 300 Wh.

These thresholds are based on paragraph 173.185(c)(1)(iv) of the 49 CFR. Industry will often refer to these sizes of lithium cells and batteries as “medium-sized lithium cells and batteries”.

This equivalency certificate also harmonizes with paragraph 173.185(d) of the 49 CFR, by authorizing “medium-sized lithium cells and batteries” that are being shipped for disposal or recycling, to be transported in the same manner as new batteries.

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This equivalency certificate also authorizes the use of the Lithium Battery Mark with the new dimensions of 100 mm per side as illustrated in the *UN Recommendations*, the *ICAO Technical Instructions*, and the *IMDG Code*. Moreover, the telephone number for additional information is not required to be displayed on the Lithium Battery Mark. As background information, in January 2021, the *UN Recommendations*, the *ICAO Technical Instructions*, and the *IMDG Code* reduced the minimum allowable size of the Lithium Battery Mark from 120 mm by 110 mm to 100 mm per side.

Please note that any distributor or client of the certificate holder who receives a package covered by **Part A** of this equivalency certificate may reoffer it for transport provided no modification or change is made to the package or its contents and it is reoffered for transport in compliance with this equivalency certificate.

CONDITIONS

Part A - New batteries and batteries that will be reused

This equivalency certificate authorizes **COSTHA members**, to handle, offer for transport or transport and authorizes **any person** to handle or transport on behalf of the **COSTHA members**, by road vehicle, railway vehicle, or by a vessel in Canada, 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:

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- Special Provision 34(1)(a) of Schedule 2 of the *TDG Regulations*,
- Special Provision 34(1)(b) of Schedule 2 of the *TDG Regulations*,

if the following conditions are met:

1) General

- a) The dangerous goods are handled, offered for transport or transported in accordance with all the requirements of Special Provision 34 in Schedule 2 of the *TDG Regulations*, with the exception of 34(1)(a) and 34(1)(b);
- b) The lithium content is not more than:
 - i) 5 g for a lithium metal or lithium alloy cell, and
 - ii) 25 g for a lithium metal or lithium alloy battery;
- c) The watt-hour (Wh) rating is not more than:
 - i) 60 Wh for a lithium-ion cell, and
 - ii) 300 Wh for a lithium-ion battery.
- d) An electronic or paper copy of this equivalency certificate is maintained at each facility where the dangerous goods are offered for transport;
- e) Any distributor or client of **COSTHA members** who receives a package covered by this equivalency certificate may reoffer it for transport provided no modification or change is made to the package or its contents and it is reoffered for transport in compliance with this equivalency certificate.

2) Safety marks – Marking, Labelling and Placarding

- a) Despite the requirements of section 4.24 of the *TDG Regulations*, each means of containment may be marked with the Lithium Battery Mark in accordance with:
 - i) section 5.2.1.9 of the *UN Recommendations*,
 - ii) section 5.2.1.10 of the *IMDG Code*, or
 - iii) section 2.4.16 of Chapter 2 of Part 5 of the *ICAO Technical Instructions*;
- b) The means of containment shall be marked with the following information in a manner that is easy to identify and legible and in characters that are at least 6 mm in height:
 - i) **“Lithium Batteries — Forbidden for transport by aircraft”**, or
 - ii) **“Piles au lithium — Interdit par transport aérien”**;

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- c) When the means of containment is placed in an overpack, the overpack shall be marked, on two opposite sides, with the following information in a manner that is easy to identify and legible:
 - i) The word “**OVERPACK**” or “**SUREMBALLAGE**”, in characters that are at least 12 mm in height,
 - ii) The appropriate Lithium Battery Mark as required by condition 2)a) in Part A of this equivalency certificate, and
 - iii) The information required by condition 2)b) in Part A of this equivalency certificate, in characters that are at least 12 mm in height.

3) Training

- a) The certificate holder must ensure that their personnel who handle, offer for transport or transport the dangerous goods are knowledgeable of the conditions of this equivalency certificate that relate directly to the person's duties.

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CONDITIONS

Part B - Batteries and cells transported for disposal, recycling or any other reclamation process

This equivalency certificate authorizes **COSTHA members** and **their clients** to handle, offer for transport or transport and authorizes **any person** to handle or transport on behalf of **COSTHA members and their clients**, by road vehicle, railway vehicle, or by a vessel in Canada, 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 (Documentations) of the *TDG Regulations*,
- Part 4 (Dangerous Goods Safety Marks) of the *TDG Regulations*,
- Part 5 (Means of Containment) of the *TDG Regulations*,
- Part 6 (Training) of the *TDG Regulations*,
- Part 8 (Reporting Requirements) of the *TDG Regulations*,
- Special Provision 138(1) of Schedule 2 of the *TDG Regulations*,

if the following conditions are met:

1) General

- a) The dangerous goods are transported for disposal, recycling, or any other reclamation process;
- b) The dangerous goods are handled, offered for transport or transported in accordance with all the requirements of Special Provision 34 in Schedule 2 of the *TDG Regulations*, except for paragraphs 34(1)(a), 34(1)(b), and 34(1)(d);
- c) The lithium content is not more than:
 - i) 5 g for a lithium metal or lithium alloy cell, and
 - ii) 25 g for a lithium metal or lithium alloy battery;
- d) The watt-hour (Wh) rating is not more than:
 - i) 60 Wh for a lithium-ion cell, and
 - ii) 300 Wh for a lithium-ion battery.

2) Means of containment

- a) The dangerous goods are packaged in a means of containment that meets the requirements of Special Provision 34 of the *TDG Regulations*;
- b) If the original packaging is not available, **COSTHA members** provide their clients with a packaging that meets the requirements of Special Provision 34 of the *TDG Regulations*.

3) Safety marks – Marking, Labelling and Placarding

- a) Despite the requirements of section 4.24 of the *TDG Regulations*, each means of containment may be marked with the Lithium Battery Mark in accordance with:
 - i) section 5.2.1.9 of the *UN Recommendations*,
 - ii) section 5.2.1.10 of the *IMDG Code*, or
 - iii) section 2.4.16 of Chapter 2 of Part 5 of the *ICAO Technical Instructions*;
- b) The means of containment shall be marked with the following information in a manner that is easy to identify and legible and in characters that are at least 6 mm in height:
 - i) **“Lithium batteries for disposal — Forbidden for transport by aircraft — Equivalency Certificate SU 14355”**,

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- ii) **“Lithium batteries for recycling — Forbidden for transport by aircraft — Equivalency Certificate SU 14355”,**
 - iii) **“Piles au lithium destinées à l’élimination — Interdit par transport aérien — Certificat d’équivalence SU 14355”,** or
 - iv) **“Piles au lithium destinées au recyclage — Interdit par transport aérien — Certificat d’équivalence SU 14355”;**
- c) When the means of containment is placed in an overpack, the overpack shall be marked, on two opposite sides, with the following information in a manner that is easy to identify and legible:
- i) The word **“OVERPACK”** or **“SUREMBALLAGE”**, in characters that are at least 12 mm in height,
 - ii) The appropriate Lithium Battery Mark as required by condition 3)a) in Part B of this equivalency certificate, and
 - iii) The information required by condition 3)b) in Part B of this equivalency certificate, in characters that are at least 12 mm in height.

5) Training

- a) The certificate holder must ensure that their personnel who handle, offer for transport or transport the dangerous goods are knowledgeable of the conditions of this equivalency certificate that relate directly to the person's duties;
- b) The certificate holder provides clear instructions to its clients on how to prepare the dangerous goods for shipment.

Signature of Issuing Authority

David Lamarche, P. Eng.

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

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

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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