



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 6829 (Ren. 9)
Template Number: 12
Certificate Holder: Environmental 360 Solutions Ltd.
17 Invertose Dr
Port Colborne ON L3K 5V5
Mode of Transport: Road, Rail, Marine
Effective Date: June 9, 2025
Expiry Date: September 30, 2030

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*

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certificate, including the display of its number, when the equivalency certificate has expired or is otherwise no longer in effect.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 authorizes the certificate holder to transport dangerous goods that are:

- UN2794, BATTERIES, WET, FILLED WITH ACID, electric storage, Class 8,
- UN2795, BATTERIES, WET, FILLED WITH ALKALI, electric storage, Class 8, or
- UN2800, BATTERIES, WET, NON-SPILLABLE, electric storage, Class 8,

in a rigid outer packaging, in a wooden slatted crate or on a pallet, with a capacity exceeding 450 L. (Refer to Part A of this equivalency certificate)

Part B of this equivalency certificate also authorizes the certificate holder to transport these dangerous goods on shelves, which are permanently fixed and secured to the means of transport.

CONDITIONS

Part A – Batteries transported in a rigid outer packaging, wooden slatted crate or on a pallet, with a capacity exceeding 450 L

This equivalency certificate authorizes **Environmental 360 Solutions Ltd.** or its clients to handle, offer for transport or transport, and authorizes **any person** to handle or transport on behalf of **Environmental 360 Solutions Ltd.** or its clients, by road or railway vehicle, or by vessel in Canada, dangerous goods that are:

| UN Number | Shipping Name and Description | Class | Packing Group |
|-----------|--|-------|---------------|
| UN2794 | BATTERIES, WET, FILLED WITH ACID, electric storage | 8 | N/A |
| UN2795 | BATTERIES, WET, FILLED WITH ALKALI, electric storage | 8 | N/A |
| UN2800 | BATTERIES, WET, NON-SPILLABLE, electric storage | 8 | N/A |

in a manner that does not comply with:

- section 4.15 of the *TDG Regulations*,
- section 4.15.3 of the *TDG Regulations*,
- subsection 5.1.1(1) of the *TDG Regulations*, and
- section 5.14 of the *TDG Regulations*,

if the following conditions are met:

1) Means of Containment

- a) The dangerous goods are handled, offered for transport or transported in a rigid outer packaging, wooden slatted crate, or on a pallet provided the following provisions are met:
 - i) batteries stacked are adequately secured in tiers separated by a layer of electrically non-conductive material,
 - ii) battery terminals do not support the weight of other superimposed elements,

- iii) batteries are packaged or secured to prevent inadvertent movement,
 - iv) batteries do not leak in any position and inclination expected in normal conditions of transport or are made leakproof by individually packaging or by any other equally effective method to prevent the potential release of electrolyte, and
 - v) batteries are protected against short circuits;
- b) In addition, used batteries may also be transported in metal or solid plastic bins, provided the following provisions are met:
- i) the bins are resistant to the electrolyte that was contained in the batteries,
 - ii) the bins are not filled to a height greater than the height of their sides,
 - iii) the outside of the bins is free of residues of electrolyte contained in the batteries,
 - iv) under normal conditions of transport, no electrolyte leaks from the bins,
 - v) measures are taken to ensure that filled bins cannot lose their content, and
 - vi) measures are taken to prevent short circuits, for example by discharging the batteries or by individually protecting the battery terminals.

2) Safety marks – Marking, Labelling and Placarding

- a) The rigid outer packaging, the wooden slatted crate or the pallet, with a capacity exceeding 450 L, has displayed on two opposite sides:
- (i) the safety marks required by sections 4.10, 4.11, and 4.12 of the *TDG Regulations*, or
 - (ii) the placard required for the dangerous goods as per section 4.15 of the *TDG Regulations*;
- b) The road or railway vehicle used to transport the dangerous goods has safety marks displayed on it in accordance with Part 4 (Dangerous Goods Safety Marks) of the *TDG Regulations*.

3) Documentation

- a) The shipping document that accompanies the dangerous goods contains the following information legibly and indelibly printed:
 - (i) **“Equivalency Certificate SU 6829”**, or
 - (ii) **“Certificat d’équivalence SU 6829”**.

4) Training

- a) In addition to the requirements of Part 6 (Training) of the *TDG Regulations*, the certificate holder and any person using this equivalency certificate on behalf of the certificate holder ensure that the personnel handling, offering for transport or transporting the dangerous goods are knowledgeable of the conditions of this equivalency certificate that relate directly to the person's duties.

Part B – Batteries transported on shelves permanently fixed and secured to the means of transport

This equivalency certificate authorizes **Environmental 360 Solutions Ltd.** or its clients to handle, offer for transport or transport, and authorizes **any person** to handle or transport on behalf of **Environmental 360 Solutions Ltd.** or its clients, by road vehicle or by vessel in Canada, dangerous goods that are:

| UN Number | Shipping Name and Description | Class | Packing Group |
|-----------|--|-------|---------------|
| UN2794 | BATTERIES, WET, FILLED WITH ACID, electric storage | 8 | N/A |
| UN2795 | BATTERIES, WET, FILLED WITH ACID, electric storage | 8 | N/A |
| UN2800 | BATTERIES, WET, NON-SPILLABLE, electric storage | 8 | N/A |

in a manner that does not comply with:

- subsection 5.1.1(1) the *TDG Regulations*, and
- section 5.14 of the *TDG Regulations*,

if the following conditions are met:

1) General

- a) The dangerous goods may be transported on shelves, which are permanently fixed and secured to the means of transport;

2) Means of Containment

- a) The dangerous goods are loaded and secured on the shelves as to prevent damage, short circuits, and inadvertent movement so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety;
- b) The battery terminals must not support the weight of other superimposed elements.

3) Safety marks – Marking, Labelling and Placarding

- a) The road vehicle used to transport the dangerous goods has safety marks displayed on it in accordance with Part 4 (Dangerous Goods Safety Marks) of the *TDG Regulations*.

4) Documentation

- a) The shipping document that accompanies the dangerous goods contains the following information legibly and indelibly printed:
 - (i) **“Equivalency Certificate SU 6829”**, or
 - (ii) **“Certificat d’équivalence SU 6829”**.

5) Training

- a) In addition to the requirements of Part 6 (Training) of the *TDG Regulations*, the certificate holder and any person using this equivalency certificate on behalf of the certificate holder ensure that the personnel handling, offering for transport or transporting the dangerous goods are knowledgeable of the conditions of this equivalency certificate that relate directly to the person's duties.

Signature of Issuing Authority



David Lamarche, P. Eng.

Manager, Approvals and Special Regulatory Projects

Equivalency Certificate SU 6829 (Ren. 9)
(Approval issued by the competent authority of Canada)

(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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