



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 No.:** SU 13432 (Ren. 3)  
**Certificate Type:** N/A  
**Certificate Holder:** Environmental 360 Solutions Ltd.  
17 Invertose Dr  
Port Colborne, ON L3K 5V5  
**Mode of Transport:** Road, Rail, Marine  
**Effective Date:** November 3, 2025  
**Expiry Date:** September 30, 2030

#### 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

#### 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.

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certificate, including the display of its number, when the equivalency certificate has expired or is otherwise no longer in effect.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

**Environmental 360 Solutions Ltd.** is a company that collects and recycles cells and batteries, with the majority being non-regulated alkaline batteries. However, about 10% of the batteries collected will be regulated lithium-ion, lithium metal, nickel metal hydride batteries or lead acid batteries.

This equivalency certificate authorizes **Environmental 360 Solutions Ltd.** and the participants in the battery recycling program to handle, offer for transport or transport dangerous goods that are lithium-ion batteries, lithium metal batteries or nickel metal hydride batteries in a matter 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 intended for disposal or recycling, and are transported from public collection sites to disposal or recycling facilities.

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**CONDITIONS**

This equivalency certificate authorizes:

- **Environmental 360 Solutions Ltd.**; and
- the participants in the **Environmental 360 Solutions Ltd.** battery recycling program

to handle, offer for transport or transport and authorizes any person to handle or transport on behalf of **Environmental 360 Solutions Ltd.** or the participants in the battery recycling program, by road or railway vehicle, or by vessel on a domestic voyage, dangerous goods that are:

<b>UN Number</b>	<b>Shipping Name and Description</b>	<b>Class</b>	<b>Packing Group</b>
UN3090	LITHIUM METAL BATTERIES (including lithium alloy batteries)	9	N/A
UN3091	LITHIUM METAL BATTERIES CONTAINED IN 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)	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:

**1) General**

- a) The cells and batteries are intended for disposal or recycling, and are transported from sites participating in **Environmental 360 Solutions Ltd.** battery recycling program to the disposal or recycling facilities;
- b) This equivalency certificates does not apply to damaged or defective cells and batteries;

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- c) **Environmental 360 Solutions Ltd.** ensures that a copy of this equivalency certificate is available to all participants of their battery recycling program.

**2) Means of Containment**

- a) The cells and batteries are transported in accordance with the requirements of Special Provision 138 of Schedule 2 of the *TDG Regulations*;
- b) The cells and batteries are packed in accordance with Packing Instruction P909 or LP904 of the *UN Recommendations*.
- c) Despite subsection 5.12(1) of the *TDG Regulations*, the following dangerous goods may be transported in the same means of containment as the lithium metal or lithium-ion cells or batteries:

<b>UN Number</b>	<b>Shipping Name and Description</b>	<b>Class</b>	<b>Packing Group</b>
UN2800	BATTERIES, WET, NON-SPILLABLE, electric storage	8	N/A
UN3496	NICKEL METAL HYDRIDE BATTERIES	9	N/A

**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:
- (i) The Class 9, lithium battery label, illustrated in the Appendix of Part 4 of the *TDG Regulations*;
- (ii) One of the following expression:
- (1) “Lithium batteries for disposal”,
- (2) “Piles au lithium destinées à l’élimination”,
- (3) “Lithium batteries for recycling” or
- (4) “Piles au lithium destinées au recyclage ”,
- (iii) The equivalency certificate number “**SU 13432**”.
- b) For the dangerous goods listed in condition 2)c) of this equivalency certificate, the means of containment need not be marked with the dangerous goods safety marks required by Part 4 (Dangerous Goods Safety Mark) of the *TDG Regulations*.

**4) Training**

- a) **Environmental 360 Solutions Ltd.** provides training videos on their website and/or instructions at each battery collection location that explains how to protect the cells and batteries from short circuit and how to prepare the cells and batteries for shipment.

Signature of Issuing Authority

*David Lamarche, P. Eng.*

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

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

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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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