



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



TEMPORARY CERTIFICATE PURSUANT TO SUBSECTION 31(2.1) OF THE TRANSPORTATION OF DANGEROUS GOODS ACT, 1992

Certificate Number: TU 0834 (Ren. 1)

iDrink Products Inc.

727 W Ellsworth Rd
Ann Arbor MI 48108
USA

Pursuant to subsection 31(2.1) of the *TDG Act*, the Minister may, in the public interest, issue a temporary certificate authorizing any activity to be carried on in a manner that does not comply with the *TDG Act*.

The purpose of this temporary certificate is to facilitate the distribution and recycling of consumer goods, specifically, small pressurized cylinders that are used in machines to make carbonated drinks by individual consumers.

Part A of this temporary certificate authorizes the transportation of small cylinders in an outer means of containment that is not marked with a class 2.2 label. Instead, the outer means of containment is marked with an alternative label.

Part B of this temporary certificate authorizes the transportation of used cylinders for recycling, recall, replacement, or disposal, without having to comply with all requirements of the *TDG Regulations*.

For Parts A and B of this temporary certificate, a shipping document, as set out in Part 3 of the *TDG Regulations*, and a training certificate, required by Part 6 of the *TDG Regulations*, are not required, provided all conditions of this temporary certificate are satisfied. An alternative shipping document is only necessary when placards are required to be displayed in accordance with condition 5) of Parts A and B of this certificate.

This certificate takes into account the need to ensure the safe transportation of dangerous goods, while providing consignors and carriers with the necessary relief from certain requirements of the *TDG Regulations* to facilitate the distribution and recycling of consumer goods.

Temporary Certificate TU 0834 (Ren. 1)
(Approval issued by the competent authority of Canada)

Part A – Transportation of Cylinders with Alternative Safety Marks and Alternative Documentation

(A) In my opinion, the issuance of a temporary certificate is in the public interest and I hereby authorize **iDrink Products Inc.** and, **any person** on behalf of **iDrink Products Inc.**, to handle, offer for transport, transport, or import, by road or railway vehicle, or by vessel in Canada, dangerous goods that are:

UN Number	Shipping Name and Description	Class	Packing Group
UN1013	CARBON DIOXIDE	2.2	

in a manner that does not comply with:

- Part 3 – Documentation of the *TDG Regulations*,
- Sections 4.7, 4.10, 4.11, and 4.12 of the *TDG Regulations*, and
- Part 6 – Training of the *TDG Regulations*,

if the following conditions are met:

1) SELECTION OF INNER MEANS OF CONTAINMENT – CYLINDER

- a) The dangerous goods must be contained in cylinders with a capacity less than or equal to 0.64 L.

2) LABELLING OF THE INNER MEANS OF CONTAINMENT – CYLINDER

- a) The cylinders must be marked and labeled in accordance with:
- i) Part 4 of the *TDG Regulations* when they are filled in Canada, or
 - ii) the 49 CFR when the cylinders are filled in the United States.

3) SELECTION OF THE OUTER MEANS OF CONTAINMENT – FIBERBOARD BOX

- a) The cylinders must be securely packaged in an outer means of containment that is a fiberboard box. The cylinders may be packaged either with or without the dispensing machine for which the cylinders are intended to be used.

4) MARKING OF THE OUTER MEANS OF CONTAINMENT – FIBERBOARD BOX

- a) The outer means of containment, which contains the cylinders, must be legibly and durably marked with the following information:
- i) “**TU 0834**”, “**Equivalency Certificate TU 0834**”, or “**Certificat d’équivalence TU 0834**”,
 - ii) “**CARBON DIOXIDE**” or “**DIOXYDE DE CARBONE**”,
 - iii) “**Division 2.2**”, “**Class 2.2**”, or “**Classe 2.2**”,
 - iv) “**Pressurized Gas**” or “**Gaz sous pression**”,
 - v) The maximum number of cylinders the package can contain, and
 - vi) The mark illustrated below:



- b) The mark illustrated in Part A condition 4)(a)(vi) above must be a square-on-point legibly and durably marked on a contrasting background with the text “**UN1013**” displayed in the center of the mark. Each side of the mark must be at least 100 mm in length;
- c) Despite the requirements in Part A condition 4)b) above, each side of the label may be reduced in length by the same amount to the point where the mark and the information required in Part A condition 4)a) above, will fit on the outer means of containment. Each side of the mark must not be reduced to less than 30 mm;
- d) The outer means of containment must be marked with the words “**24-Hour Number**” or “**Numéro 24 heures**”, or an abbreviation of these words, followed by a telephone number, including the area code, at which the consignor can be reached for technical information about the dangerous goods in transport, without breaking the telephone connection made by the caller. As an option, in accordance with subsection 3.5(2) of the *TDG Regulations*, the telephone number of a person who is not the consignor, but is competent to give the technical information, such as CANUTEC, may be used;
- e) The outer means of containment must display a toll free customer service line to assist customers, shippers, and carriers in complying with the conditions of this temporary certificate; and
- f) A Quick Response (QR) code and a URL web link must be marked on the outer means of containment that links to a training course, safety information, emergency response information, closing instructions, a copy of this temporary certificate, and a toll free customer care line where any questions, including those related to compliance with this temporary certificate, can be addressed. All information must be provided in both English and French.

5) PLACARDING

- a) The road vehicle, railway vehicle, or cargo container transported onboard a vessel must display placards in accordance with Part 4 of the *TDG Regulations*, when:
- (i) the gross mass of dangerous goods (i.e. UN1013, Carbon Dioxide) transported in accordance with this temporary certificate exceeds 500 kg, or
 - (ii) the number of cylinders transported in accordance with this temporary certificate exceeds 500.

Note: As a full cylinder weighs approximately 1.08 kg, Transport Canada considers 500 cylinders to be representative of 500 kg of dangerous goods. Part A, condition 4) requires each box to be marked with the maximum number of cylinders that it can contain. This number shall be used to determine the total number of cylinders being transported, even if the box is not completely full.

6) DOCUMENTATION

- a) In lieu of a shipping document that complies with Part 3 of the *TDG Regulations*, an alternative shipping document such as a Bill of Lading (BOL) or parcel shipping label must accompany each shipment when placards are required to be displayed in accordance with Part A, condition 5) above. The alternative shipping document must contain the following information legibly and indelibly printed:
- i) **"UN1013, CARBON DIOXIDE"** or **"UN1013, DIOXYDE DE CARBONE"**,
 - ii) The quantity of dangerous goods in kilograms or the number of cylinders,
Note: As a full cylinder weighs approximately 1.08 kg, Transport Canada considers 500 cylinders to be representative of 500 kg of dangerous goods. Part A condition 4) requires each box to be marked with the maximum number of cylinders that it can contain. This number shall be used to determine the total number of cylinders being transported, even if the box is not completely full.
 - iii) **"Temporary Certificate TU 0834 (Ren. 1)"** or **"Certificat temporaire TU 0834 (Ren. 1)"**, and
 - iv) The words **"24-Hour Number"** or **"Numéro 24 heures"**, or an abbreviation of these words, followed by a telephone number, including the area code, at which the consignor can be reached for technical information about the dangerous goods in transport, without breaking the telephone connection made by the caller. As an option, in accordance with subsection 3.5(2) of the *TDG Regulations*, the telephone number of a person who is not the consignor, but who is competent to give the technical information, such as CANUTEC, may be used; and
- b) The consignor must keep a copy of the alternative shipping document required by Part A condition 6)a) above in accordance with section 3.11 of the *TDG Regulations*, when placards are displayed in accordance with Part A condition 5) above.

7) TRAINING

- a) In lieu of Part 6 (Training) of the *TDG Regulations*, a person who handles, offers for transport, transports, or imports the dangerous goods must have sound knowledge of the requirements of this temporary certificate; and
- b) To satisfy the requirements in Part A condition 7)a) above, **iDrink Products Inc.** must provide training for customers and subsequent shippers accessible through a public website. This information is required to be marked on the outer means of containment as specified in Part A condition 4)f) above.

Part B – Transporting Used Cylinders for Disposal, Recycling or Any Other Reclamation Process

(B) In my opinion, the issuance of a temporary certificate is in the public interest and I hereby authorize **iDrink Products Inc.** and, **any person** on behalf of **iDrink Products Inc.**, to handle, offer for transport, transport, or import, by road or railway vehicle, or by vessel in Canada, dangerous goods that are:

UN Number	Shipping Name and Description	Class	Packing Group
UN1013	CARBON DIOXIDE	2.2	N/A

in a manner that does not comply with:

- Part 3 – Documentation of the *TDG Regulations*,
- Sections 4.7, 4.10, 4.11, and 4.12 of the *TDG Regulations*, and
- Part 6 – Training of the *TDG Regulations*,

if the following conditions are met:

1) GENERAL

- a) The dangerous goods must be transported from the consumer or retailer to an **iDrink Products Inc.** facility or from an **iDrink Products Inc.** facility to an **iDrink Products Inc. USA Refill** facility for recycling, recall, replacement or disposal;
- b) **iDrink Products Inc.** must provide the consumer or retailer with processes and procedures containing sufficient information and detailed instructions for the consumer or retailer to be able to handle and offer for transport the used cylinders;
- c) **iDrink Products Inc.** must provide the consumer or retailer with a packaging kit that includes a high-quality fiberboard box, complete with:
 - i) the pre-printed information required in Part B, conditions 4)a) to f) below,
 - ii) an alternative shipping document as required in Part B, condition 6)a) below, and
 - iii) detailed instructions and support for the consumer or retailer to pack the cylinders into the outer means of containment (i.e. Fiberboard box);
- d) **iDrink Products Inc.** must assume all of the shipper's duties and responsibilities related to the return of used cylinders and ensure that the dangerous goods are handled, offered for transport, or transported in compliance with the conditions in Part B of this temporary certificate and the applicable sections of the *TDG Regulations*; and

- e) **iDrink Products Inc.** must have a documented quality assurance (QA) process in place to constantly monitor compliance with the conditions of this temporary certificate and the applicable sections of the *TDG Regulations*, including the acceptance procedures of the transporter.

2) SELECTION OF INNER MEANS OF CONTAINMENT – CYLINDER

- a) The dangerous goods must be contained in cylinders with a capacity of less than or equal to 1.41 L;
- b) Despite Part 5 of the *TDG Regulations*, valve protection for the cylinder is not required; and
- c) The cylinders are not damaged.

3) SELECTION OF THE OUTER MEANS OF CONTAINMENT – FIBERBOARD BOX

- a) Each cylinder must be placed in an individual compartment inside the fiberboard box;
- b) The consumer or retailer must comply with the closure instructions pre-printed on the outer means of containment (i.e. fiberboard box); and
- c) The fiberboard box must not be opened during transport.

4) MARKING OF THE OUTER MEANS OF CONTAINMENT – FIBERBOARD BOX

- a) The outer means of containment, which contains the cylinders, must be legibly and durably marked with the following information:
- i) **“TU 0834”, “Equivalency Certificate TU 0834”, or “Certificat d’équivalence TU 0834”,**
 - ii) **“CARBON DIOXIDE” or “DIOXYDE DE CARBONE”,**
 - iii) **“Division 2.2”, “Class 2.2”, or “Classe 2.2”,**
 - iv) **“Pressurized Gas” or “Gaz sous pression”,**
 - v) The maximum number of cylinders the package can contain, and
 - vi) The mark illustrated below:



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- b) The mark illustrated in Part B, condition 4)a)vi) above must be a square-on-point legibly and durably marked on a contrasting background with the text “**UN1013**” displayed in the center of the mark. Each side of the mark must be at least 100 mm per side;
- c) Despite the requirements in Part B, condition 4)b) above, each side of the label may be reduced in length by the same amount to the point where the mark and the information required in Part B condition 4)a) above, will fit on the outer means of containment. Each side of the mark must not be reduced to less than 30 mm;
- d) The outer means of containment must be marked with the words “**24-Hour Number**” or “**Numéro 24 heures**”, or an abbreviation of these words, followed by a telephone number, including the area code, at which the consignor can be reached for technical information about the dangerous goods in transport, without breaking the telephone connection made by the caller. As an option, in accordance with subsection 3.5(2) of the *TDG Regulations*, the telephone number of a person who is not the consignor, but who is competent to give the technical information, such as CANUTEC, may be used;
- e) The outer means of containment must display a toll free customer service line to assist customers, shippers, and carriers in complying with the conditions of this temporary certificate; and
- f) A Quick Response (QR) code and a URL web link must be marked on the outer means of containment that links to a training course, safety information, emergency response information, closing instructions, a copy of this temporary certificate, and a toll free customer care line where any questions, including those related to compliance with this temporary certificate, can be addressed. All information must be provided in both English and French.

5) PLACARDING

- a) The road vehicle, railway vehicle, or cargo container transported onboard a vessel must display placards in accordance with Part 4 of the *TDG Regulations*, when:
 - i) the gross mass of dangerous goods (i.e. UN1013, Carbon Dioxide) transported in accordance with this temporary certificate exceeds 500 kg, or
 - ii) the number of cylinders transported in accordance with this temporary certificate exceeds 500.

Note: As a full cylinder weighs approximately 1.08 kg, Transport Canada considers 500 cylinders to be representative of 500 kg of dangerous goods. Part B, condition 4) requires each box to be marked with the maximum number of cylinders that it can contain. This number shall be used to determine the total number of cylinders being transported, even if the box is not completely full.

6) DOCUMENTATION

- a) In lieu of a shipping document that complies with Part 3 of the *TDG Regulations*, an alternative shipping document such as a Bill of Lading (BOL) or parcel shipping label must accompany each shipment when placards are required to be displayed in accordance with Part B, condition 5) above. The alternative shipping document must contain the following information legibly and indelibly printed:
- i) **"UN1013, CARBON DIOXIDE"** or **"UN1013, DIOXYDE DE CARBONE"**,
 - ii) The quantity of dangerous goods in kilograms or number of cylinders,
***Note:** As a full cylinder weighs approximately 1.08 kg, Transport Canada considers 500 cylinders to be representative of 500 kg of dangerous goods. Part B, condition 4) requires each box to be marked with the maximum number of cylinders that it can contain. This number shall be used to determine the total number of cylinders being transported, even if the box is not completely full.*
 - iii) **"Temporary Certificate TU 0834 (Ren. 1)"** or **"Certificat temporaire TU 0834 (Ren. 1)"**, and
 - iv) The words **"24-Hour Number"** or **"Numéro 24 heures"**, or an abbreviation of these words, followed by a telephone number, including the area code, at which **iDrink Products Inc.** can be reached for technical information about the dangerous goods in transport, without breaking the telephone connection made by the caller. As an option, in accordance with subsection 3.5(2) of the *TDG Regulations*, the telephone number of a person who is not the consignor, but who is competent to give the technical information, such as CANUTEC, may be used; and
- b) The consignor must keep a copy of the alternative shipping document required by Part B, condition 6)a) above in accordance with section 3.11 of the *TDG Regulations*, when placards are displayed in accordance with Part B, condition 5) above.

7) TRAINING

- a) In lieu of Part 6 (Training) of the *TDG Regulations*, a person who handles, offers for transport, transports, or imports the dangerous goods must have sound knowledge of the requirements of this temporary certificate; and
- b) To satisfy the requirements in Part B, condition 7)a) above, **iDrink Products Inc.** must provide training for customers and subsequent shippers accessible through a public website. This information is required to be marked on the outer means of containment as specified in Part B, condition 4)f) above.

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The following definitions apply to this temporary certificate:

- **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*
- Unless the context requires otherwise, words and expressions used in this certificate have the same meaning as in section 1.4 of the *TDG Regulations*

For greater certainty, this temporary certificate provides no regulatory relief other than specifically stated herein. Therefore, all other requirements of the *TDG Act* and the *TDG Regulations* apply.

This temporary certificate takes effect on April 24, 2023. It remains in effect until the earliest of:

- December 31, 2024, or
- the day it is cancelled in writing by the Minister of Transport.

Note: *This temporary certificate has been renewed to allow time to deplete the company's current stock of boxes with the TU 0834 marking. Temporary Certificate TU 0834 (Ren. 1) will not be renewed after December 31, 2024, after which date the boxes will require to be marked in accordance with the conditions of the new equivalency certificate SU 14063.*

Signature of Issuing Authority



Farrah Fleurimond
Executive Director,
Regulatory Frameworks and International Engagement
Transportation of Dangerous Goods Directorate
Transport Canada

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(Approval issued by the competent authority of Canada)

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

Contact Person:	Kevin Young iDrink Products Inc. 727 W Ellsworth Rd Ann Arbor MI 48108 USA
Telephone:	734-531-6324
E-mail:	kevin@idrinkproducts.com

Legend for Certificate Number

TH - Road, TR - Rail, TA - Air, TM - Marine
TU - More than one Mode of Transport
Ren - Renewal

For more information:

Approvals and Special Regulatory Projects
Transportation of Dangerous Goods,
Transport Canada
300 Laurier Avenue West
Ottawa, Ontario K1A 0N5
E-mail: tdgpermits-permistmd@tc.gc.ca

TDG regional offices:

Atlantic

TDG-TMDAtlantic@tc.gc.ca

Prairie & Northern

TDG-TMDPNR@tc.gc.ca

Quebec

TMD-TDG.Quebec@tc.gc.ca

Pacific

TDGPacific-TMDPacific@tc.gc.ca

Ontario

TDG-TMDOntario@tc.gc.ca