



Transportation of Dangerous Goods Directorate
Tower C, Place de Ville
330 Sparks Street
Ottawa, Ontario
K1A 0N8

Direction générale du Transport des marchandises dangereuses
Tour C, Place de Ville
330, rue Sparks
Ottawa (Ontario)
K1A 0N8



Equivalency Certificate (Approval issued by the competent authority of Canada)

Certificate No.: SU 11302 (Ren. 3)

Certificate Holder: SEI Industries Ltd.

Mode of Transport: Road, Rail, Marine, Air

Effective Date: July 19, 2018

Expiry Date: August 31, 2020

LEGEND

For the purposes of this equivalency certificate, the document name listed in the short form has the same meaning as the document name listed in the long form. If a document is referred to in this equivalency certificate, it is referred to by the short form.

TDG Regulations: *Transportation of Dangerous Goods Regulations*

CONDITIONS

AIR

1. This equivalency certificate authorizes SEI Industries Ltd., to handle, offer for transport or transport, and authorizes any person to handle, offer for transport or transport, by cargo aircraft, dangerous goods that are UN1203, GASOLINE, Class 3, Packing Group II, in a manner that does not comply with subsection 12.1(2) of the *TDG Regulations*, with regards to the selection and use of a large means of containment, if:

(a) the dangerous goods are transported in compliance with section 12.9 – Limited Access of the *TDG Regulations*, except subparagraph 12.9(1)(c)(i) and paragraph 12.9(5)(b);

(b) the dangerous goods are transported by aircraft referred to in Subpart 4 of Part VI and Subparts 1 to 5 of Part VII of the *Canadian Aviation Regulations*;

(c) the dangerous goods are loaded aboard the cargo aircraft at the last aerodrome of departure and no stops are permitted at any other aerodrome except for emergency reasons or refueling;

(d) the dangerous goods are loaded in a flexible tank that meets all the requirements set out in the “Bulk Aviation Transport Tank (BATT) – Gasoline Version (BATT – GAS) Specification” Rev. B, dated March 14, 2014, on file with the Executive Director, Regulatory Frameworks and International Engagement, Regulatory Affairs Branch, Transportation of Dangerous Goods Directorate, Transport Canada;

(e) the flexible tank is designed, manufactured, and fitted with service equipment, harnesses, and fixations that comply with one of the design-type specifications listed in Appendix A of this certificate that are on file with the Executive Director, Regulatory Frameworks and International Engagement, Regulatory Affairs Branch, Transportation of Dangerous Goods Directorate, Transport Canada;

(f) a representative sample of each flexible tank design-type specification has been tested in accordance with the First Article Provisions set out in section 7 of the “Bulk Aviation Transport Tank (BATT) – Gasoline Version (BATT – GAS) Specification” Rev. B, and the test results are on file with the Executive Director, Regulatory Frameworks and International Engagement, Regulatory Affairs Branch, Transportation of Dangerous Goods Directorate, Transport Canada;

(g) the flexible tanks are inspected prior to transport, secured to the aircraft, filled and emptied in accordance with the Use Provisions set out in section 6 of the “Bulk Aviation Transport Tank (BATT) – Gasoline Version (BATT – GAS) Specification” Rev. B;

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(h) the Initial Wet Date, formatted as the 2 digits for the month followed by the last 2 digits of the year, is marked on the flexible tank after the tank is first filled with the liquid dangerous goods;

(i) an Inspection Date, formatted as the 2 digits for the month followed by the last 2 digits of the year, is marked on the flexible tank after the tank was visually inspected and a test strip of the inner bladder has been subjected to a breaking stress test conducted in accordance with the flexible tank manufacturer's specification, and the results are found acceptable by the flexible tank manufacture;

(j) less than 15 months has passed since the Initial Wet Date or latest inspection date marked on the tank;

(k) the flexible tank is loaded and unloaded using equipments and methods that ensure that:

(i) no discharge of static electricity will or is likely to occur,

(ii) no other source of ignition presents a danger to the loading or unloading operation, and

(iii) no flammable atmosphere is created inside the aircraft;

(l) all flexible hoses and their couplings that are used for loading and unloading the flexible tank have been inspected visually to ensure mechanical fitness, integrity, and compatibility with the dangerous goods before loading or unloading;

(m) the air operator ensures that the personnel handling and transporting the dangerous goods are trained in regards to the conditions of this equivalency certificate and is aware that a release of the dangerous goods may create a flammable atmosphere inside the aircraft; and

(n) a paper or electronic copy of this equivalency certificate accompanies the dangerous goods during transport and must be provided to an inspector immediately upon request.

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ROAD, RAIL, MARINE

2. This equivalency certificate authorizes SEI Industries Ltd., to handle, offer for transport or transport, and authorizes any person to handle, offer for transport or transport, by road or railway vehicle, or by ship on a domestic voyage, dangerous goods that are UN1203, GASOLINE, Class 3, Packing Group II, in a manner that does not comply with Part 3, Part 4, subsection 5.1.1(1), and sections 5.12 and 5.14 of the *TDG Regulations*, if:

- (a) the flexible tank contains a residual quantity of dangerous goods;
- (b) the flexible tank is emptied to the maximum extent possible, rolled and folded as instructed by the manufacturer; and
- (c) a paper or electronic copy of this equivalency certificate accompanies the dangerous goods during transport and must be provided to an inspector immediately upon request.

Note 1: The conditions of this equivalency certificate must be complied with. Subsection 31(4) of the *Transportation of Dangerous Goods Act, 1992* stipulates that non-compliance with any of the terms or conditions invalidates the equivalency certificate. If any of the conditions are not complied with, the *Transportation of Dangerous Goods Act, 1992* and *TDG Regulations* would apply as though this equivalency certificate did not exist.

Note 2: The issuance of this equivalency certificate in no way reduces the certificate holder's responsibility to comply with any other requirements of the *TDG Regulations* that are not specifically addressed in this certificate.

Signature of Issuing Authority



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

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

Explanatory Note

This equivalency certificate allows the certificate holder to transport by aircraft, in Bulk Aviation Transport Tank (BATT), dangerous goods that are UN1203, GASOLINE, Class 3, Packing Group II, in a manner that does not comply with subparagraph 12.9(1)(c)(i) and paragraph 12.9(5)(b) of the *TDG Regulations*. The air operator is authorized to transport dangerous goods as a 705 Air Operator while following the requirements set out in section 12.9 - Limited Access of the *TDG Regulations*.

Appendix A

Design-type designation	Test Pressure (kPa)	Nominal Capacity (L)	Tare Mass (kg)
BATT-GAS 476	72	1 800	73
BATT-GAS 1050	44	3 975	107
BATT-GAS 1300	28	4 921	227
BATT-GAS 1800	69	6 800	154

Legend for Certificate Number

SH - Road, SR - Rail, SA - Air, SM - Marine
SU - More than one Mode of Transport
Ren. – Renewal