



Canadian Explosives Industry Association
Association Canadienne de l'Industrie des Explosifs

CEAEC FALL MEETING

November 18, 2021

Regulatory Committee

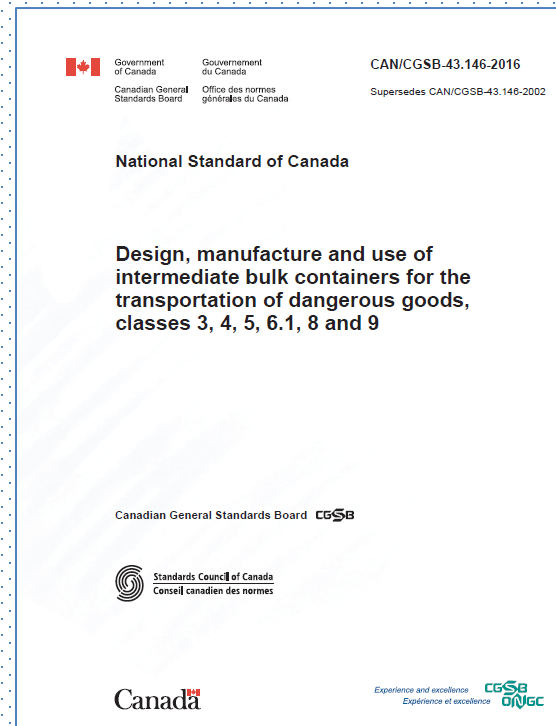
Regulations / Standard Updates

- B620-20: Highway tanks and TC portable tanks for the transportation of dangerous goods, [November 2020](#).
- B621-20: Selection and Use of Highway Tanks, TC Portable Tanks, and Other Large Containers for the Transportation of Dangerous Goods, [November 2020](#).
- B625-20: Portable tanks for the transport of dangerous good, [March 2020](#).

Regulations / Standard Updates

- CGSB-43.146: Design, manufacture and use of intermediate bulk containers for the transportation of dangerous goods

Successful Ballot, November 02, 2021, Final publishing, ~2021.



CSGB 43.150 Small Packaging:

- A new standard that replaces the former TC internal TP14850 standard.
- Notable highlight is part 14.3 which will allow for non-spec <450L SMOc on MPU's for class 5.1, 6.1, 8 and 9.
- The standard has now been published April 2020 and can be used / referenced.
- Requires TDGR amendment, (1.3.1).

14.3 Liquid dangerous goods transported in a Mobile Process Unit

Dangerous goods of Class 5.1, 6.1, 8 or 9 with any or no subsidiary class and included in Packing Group II or III, that are integral to licenced Mobile Process Units may be transported in a welded metal container, if the container:

- a) is permanently mounted on a vehicle or skid authorized as a Mobile Process Unit that is designed to transport, manufacture and load explosives into boreholes in conformance with an explosives licence or certificate issued under the *Explosives Act* and *Explosives Regulations* by the Minister of Natural Resources;
- b) is completely contained within the length and width of the vehicle or skid on which it is mounted;
- c) is constructed of impermeable, non-absorbent materials that will not be corroded by the dangerous goods contained;
- d) is designed to facilitate cleaning and decontamination;
- e) is designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety;
- f) is watertight, leakproof, designed for the transport of liquids and capable of withstanding any internal pressure likely to be encountered under normal conditions of transport; and
- g) has a maximum capacity equal to or less than 450 L.

Regulations / Standard Updates

- CAN/CGSB-192.3-2020—Transportation of dangerous goods training, assessment and competency, **New Standard**
- Will support part 6 of the TDGR.
- Current training requirements use words such as “adequate”, the new standard details specifics training criteria and requires the trainee to be “competent”.
- Gazette 1 publication November 2020.
- **Will also required part 1 TDGR amendment 1.3.1 / part 6. Gazette part 1 publication, late 2021.**

Regulations / Standard Updates

TDG – CID (Client Identification Database):

- Policy is currently being developed.
- The proposed new standard will require all shippers / carriers of DG to register with TC and report DG movements.
- The detail of the reporting is not yet known as the standard is being developed internally without public input.

Next Steps

- Gazette part 1 publication, early 2022.
- Will also required part 1 TDGR amendment.

Regulations / Standard Updates

- CAN/BNQ 2910.500/2012, Magazine Standard, June 2015, *CEAEC and industrial explosives committee members voted negative, systematic review / reaffirmation. No further communications.*
- CAN/BNQ 2910.510/2012, Q/D Standard, June 2015, *Request for committee members April 2021. No further communications.*

Regulations / Standard Updates

- Regulatory Review of the Explosives Regulations, 2013, (late April, 2021)
- Request for comments / suggestion on ER-2013, (late May, 2021).
- A total of 40 comments / suggests where submitted.
 - Document design / framework.
 - Regulatory specific.
 - Policy related, (license renewal frequency / inventory reporting requirements etc).

UN0332 / UN3375, (TDGR / ERD)

- Current TDG regulations will not allow for the transport of UN3375 materials in Canada.

UN3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosives; AMMONIUM NITRATE GEL, intermediate for blasting explosives; or AMMONIUM NITRATE SUSPENSION, intermediate for blasting explosives	Forbidden							
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- Effort is now underway for the reclassification of specific bulk ANE's from the current UN0332 to a UN3375, 5.1 oxidizer classification.
- Both the ERD and TC are in support of the regulatory change.
- The majority of the regulatory / standards revisions needed fall under T.C.'s remit, ~5 standards.
- The ERD are reviewing the regulatory framework and are looking globally for best practice considerations.
- Timeline, ??.

Questions?