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Sodastream Canada Ltd. Transport Canada Temporary Certificate TU 0715

Storage, handling & shipping information



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Introduction

- The Transport Canada, Transportation of Dangerous Goods Permit Branch has granted a Temporary Certificate (Permit) (TU 0715), enabling Sodastream and its partners to comply with Transportation of Dangerous Goods Regulations (TDGR) in a different way than what is prescribed in the TDGR
- To obtain TU 0715 from Transport Canada, Sodastream (SST) provided ample data about the safety of our cylinders as well as information about the strength of our processes to design, manufacture, fill, inspect, and test cylinders used to ship compressed Carbon Dioxide (CO₂) gas
- Through many years of experience safely shipping compressed CO₂, Sodastream provided sufficient justification and successfully demonstrated that the alternative approach provides the level of safety required by Transport Canada

The New Permit enables the transportation of .640 L cylinders with partial relief from TDGR Communications & training requirements

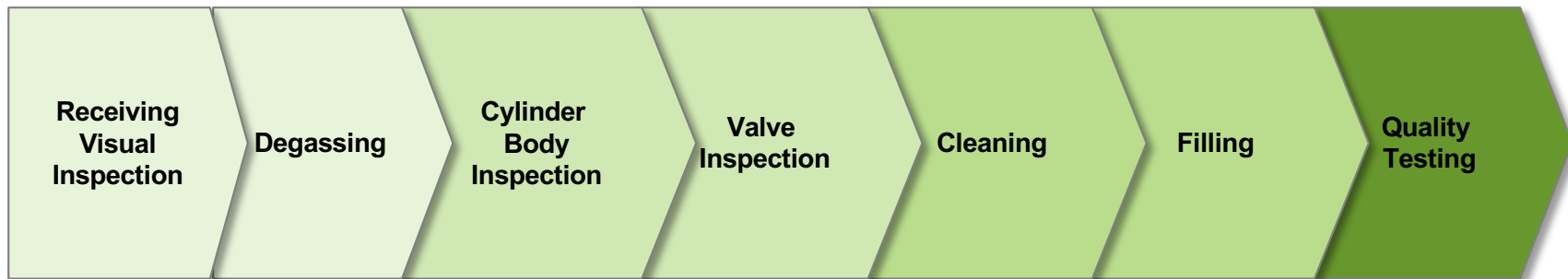
Area	Highlights
<i>Cylinders</i>	• 0.64 L Cylinders, TC/3ALM, DOT 3AL, ISO 7866 marked as req. by the TDGR
<i>Shipping Qty</i>	• Shipments with Gross Weight > 500 Kg (500 cylinders) on a means of transport require an Alternate Shipping Document and Placards
<i>Communication & Training</i>	• Publicly available information/training <u>in lieu of</u> full TDGR training • Clear handling instructions must be provided on packaging • Website and toll-free number to access TU 0715, emergency response, compliance information must be available to trading partners
<i>Packaging</i>	• Specially marked corrugate packaging • Cylinders only and/or Sodastream (SST) Machine with cylinders • Emergency response information access (e.g., Toll free number, web link)

Sodastream cylinders are processed exclusively through our proprietary closed-loop filling system



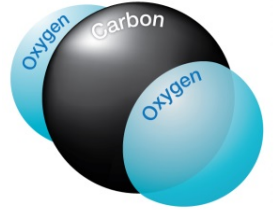
Area	Highlights
<i>Safety Valve</i>	Machined, solid-brass safety valve designed to exceed operational pressure specifications
<i>Sturdy Body</i>	Heavy gauge, hardened aluminum body w/side wall & bottom thickness that exceed standard application specifications
<i>Safety-minded Filling specifications</i>	Standard CO₂ Filling pressure set well below cylinder maximum operating specifications
<i>Proprietary closed loop</i>	Manufactured and filled only at SodaStream (SST) facilities, used exclusively to store Sodastream food-grade CO₂

Only cylinders successfully passing rigorous inspection and quality testing process are re-filled for shipment



- ✓ Every cylinder is returned to **SST processing facility**
- ✓ **Inspection of each cylinder's body** is performed, cylinders with even small physical blemishes are rejected
- ✓ **Every safety valve is inspected**, non-conforming valves are replaced
- ✓ Cylinders are **emptied and thoroughly cleaned** before re-filling
- ✓ **Only high-quality, food-grade CO₂** is used to refill SST cylinders
- ✓ Re-filled cylinders are quality checked to confirm **strict filling and performance specifications** are met

CO₂ is a naturally occurring gas; it is present in the air we breathe, the water we drink and the food we eat



About Carbon Dioxide (CO₂)

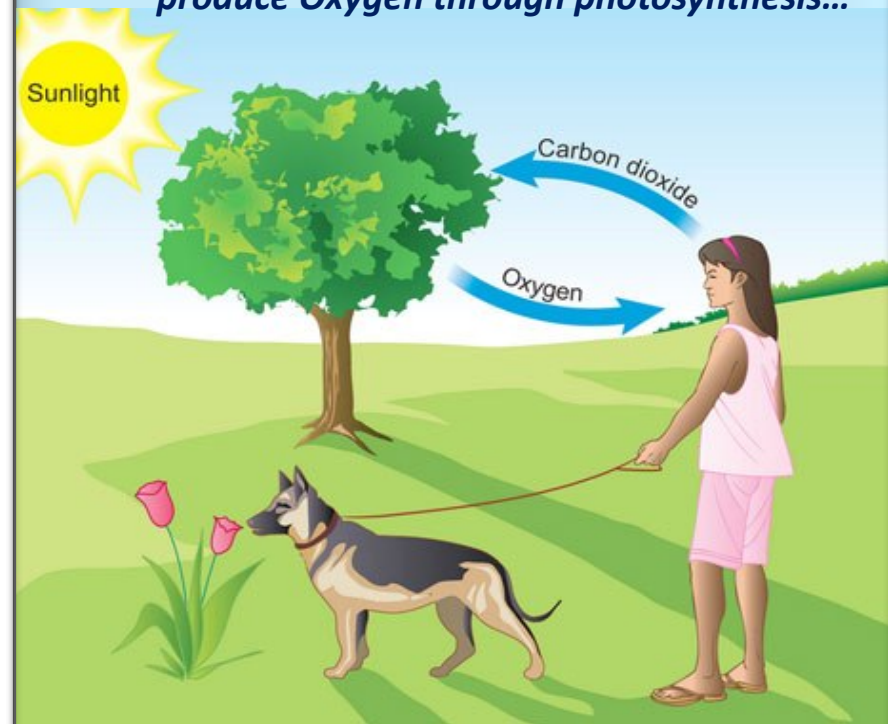
- *Humans and animals breathe out CO₂*, plants need it to grow, it is a common ingredient in drinks and candies
- At *natural concentration levels*, CO₂ is not toxic

CO₂ Concentration Comparison

- ✓ The air in a typical 100,000 SF (~4MM ft³) warehouse may include approx. **16,000 ft³** of CO₂
- ✓ In contrast one 0.64L Sodastream cylinder contains **9 ft³** of CO₂

Oxygen – Carbon Dioxide Cycle

Plants take in Carbon Dioxide (CO₂) and produce Oxygen through photosynthesis...



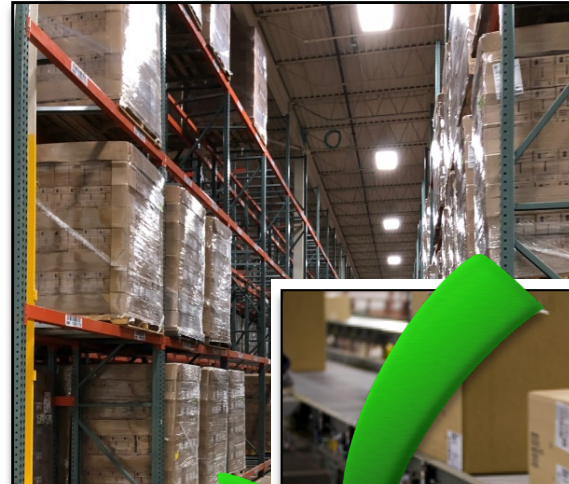
...humans and other living things inhale Oxygen and exhale Carbon Dioxide (CO₂)

Sodastream 0.64 CO₂ cylinders and sparkling water makers (SWM) do not require special handling or special storage conditions

Sodastream 60L Cylinder Storage & Handling

- Sodastream CO₂ cylinders and Sparkling Water Makers kits containing cylinders are ***securely packaged in sturdy corrugate boxes***
- Sodastream CO₂ cylinders ***require no special storage conditions***
- Storage facilities ***do not require Dangerous Goods certification***
- ***Personnel*** handling Sodastream CO₂ cylinders ***require no special Dangerous Goods or handling training***

Regular Storage Conditions



Normal Material Flow



Normal Handling Procedures

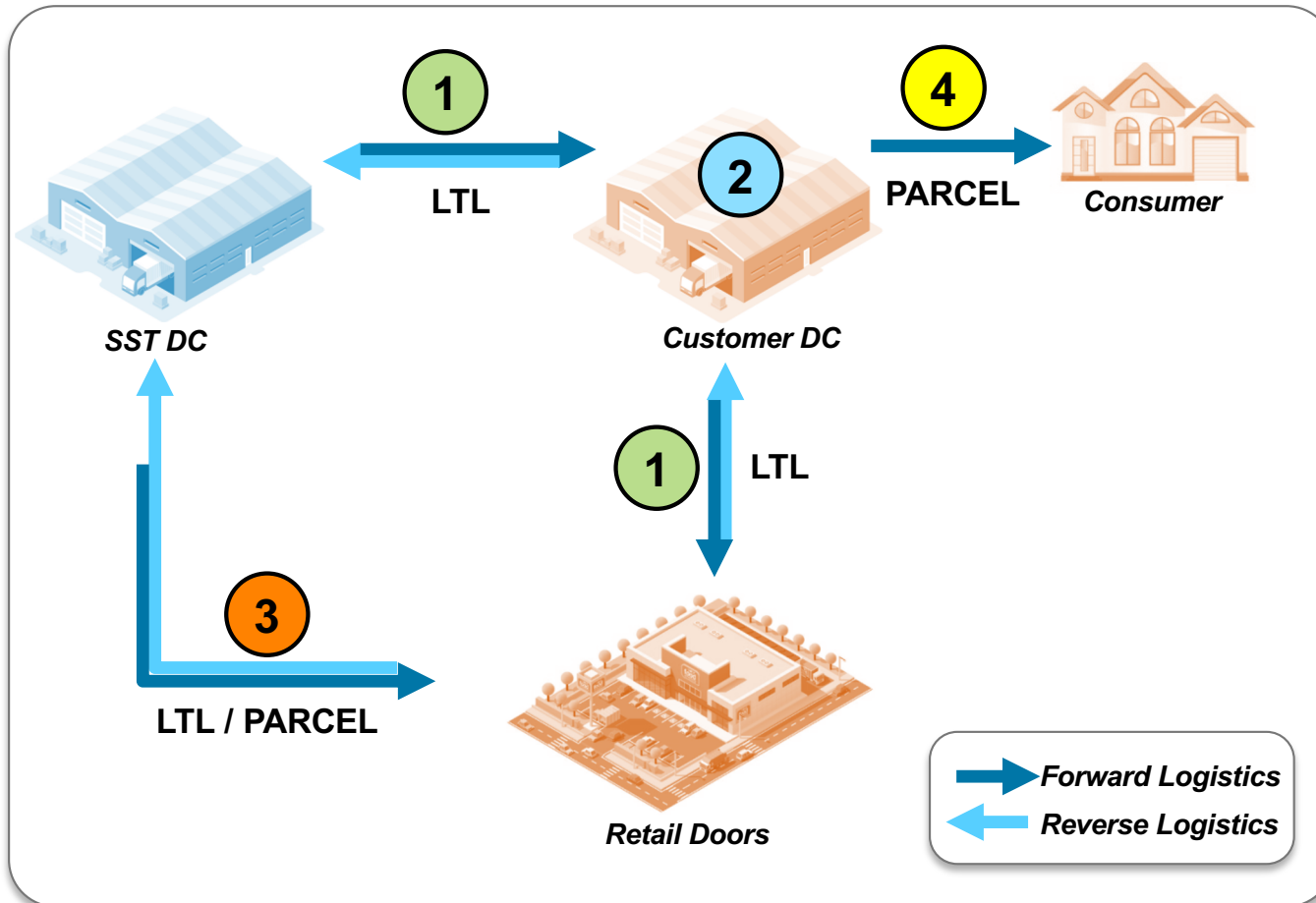
Specially marked packaging is required to ship CO₂ cylinders, contact Sodastream if replacement packaging is needed

Handling Exceptions	
<i>Situation</i>	<i>Action</i>
• If Sodastream shipping boxes become damaged • If Sodastream CO₂ cylinders become noticeably damaged (e.g., bent or dented) • Other unusual handling situations	✓ Contact Sodastream to request replacement packaging ✓ Set damaged cylinders aside, contact Sodastream for assistance ✓ Contact Sodastream for assistance

- *Sodastream CO₂ cylinders' safety valve is designed to release the cylinder contents if pressure exceeds maximum working pressure*
- *It is highly unlikely that Sodastream CO₂ cylinders cause an emergency during the course of normal warehouse and logistics operations*

***In the event of an emergency
Call CANUTEC, 1-613-996-6666 or toll free 1-888-226-8832***

TU0715 eases the regulatory burden on logistics chain for .640 L cylinders, including that of retail partners



Areas Impacted

- 1** FTL/TLT shipments of more than 500 kg or 500 CO₂ Cylinders from SST to customer DC and from customer DC to retail stores
- Training requirements for personnel handling SST cylinders along the supply chain including retailers DCs
- 2** Parcel/TLT shipments between retail stores & SST
- 3** Parcel shipments from customer DCs direct to consumers
- 4**

Retail partners: Contact your Sales Representative for information about shipping under SodaStream's TU 0715

Shipments including FULL .640 L CO₂ cylinders are no longer subject to Dangerous Goods surcharges under the new TU 0715

From	To	Impact	Customer Action / Next Step
SST DC	Customer DC	• Regular Bill of Lading with updated product description is needed • No additional Dangerous Goods documentation required • Exterior truck placards not required for truck loads less than 500 kg or 500 cylinders • Alternate Shipping Document and Placards required for truck loads more than 500 kg or 500 cylinders • Driver dangerous goods training and certificate of training are not required	Prepaid Freight Customers • No action required. SST has aligned with logistics partners to ship under new TU 0715 Collect Freight Customers • Alignment with your freight carriers to avoid dangerous goods surcharges is recommended when shipped under new TU 0715
Customer DC	Customer Store	• Regular Bill of Lading with updated product description is needed • No additional dangerous goods documentation required for consignment loads under 500 kg or 500 cylinders • Exterior truck hazmat placard not required • Driver dangerous goods training and certificate of training are not required	• Alignment with your freight carriers to avoid dangerous goods surcharges is recommended when ship under new TU 0715 • Items must be shipped in Sodastream provided TU 0715 compliant packaging

Use of Sodastream specially-marked packaging and alignment with freight and parcel carriers is required to leverage the new TU0715

Returns of Sodastream MTBs with USED 1.41 L CO₂ cylinders can also ship under the new TU 0715

From	To	Impact	Customer Action / Next Step
<i>Customer Store</i>	<i>Customer DC</i>	FTL / LTL Shipments - Regular Bill of Lading with updated product description is needed - No additional dangerous goods documentation or placards required for consignment loads under 500 kg or 500 cylinders - Customer and Driver dangerous goods training and certificate of training are not required	- Alignment with your freight carriers to avoid dangerous goods surcharges is recommended when shipped under new TU0715 - Items must be shipped in Sodastream provided MTB packaging
<i>Customer Store</i> <i>or</i>	<i>SST DC</i>	Parcel Shipments - Regular parcel shipping label is needed - No additional Dangerous Goods documentation is required	No action required. SST has aligned with logistics partners to ship under new TU0715
<i>Customer DC</i>		- Alternate Shipping Document and Placards are required for loads more than 500 kg or 500 cylinders - Shipper retains a copy of the Alternate Shipping Document for 2 years - No additional dangerous goods documentation is required - Customer and Driver dangerous goods training and certificate of training are not required	

New TU0715 tracks for .640 L cylinders

Cylinder	Box Markings	In a Nutshell	Impact
.640 L Cylinder ONLY		<i>Relief</i> from dangerous goods surcharges, DG communications, Division 2.2 Hazard Label requirements on outer box & <i>training of personnel</i> involved in handling & transportation both <u>FULL and USED</u> cylinders	• New specially-marked MTB • Return of USED 1.41 cylinders • Placards required when Alternate Shipping Document used in lieu of Dangerous Goods Shipping Document when the load exceeds 500 kg or 500 cylinders

Preparing Multi-Trip Boxes (MTBs) for return shipment

Cylinder Exchange Process: *When a customer brings a used cylinders to the store*

- ✓ Remove a full cylinder from this box (shrink-wrap around the valve will be intact)
- ✓ Replace the used .640 L cylinder in the same compartment
- ✓ Ring sale for EXCHANGE CYLINDERS (gas contents only)
- ✓ When box contains ONLY used .640 L cylinders, refer to FLAP 2 for return instructions.

Cylinder Returns: *When this box contains used cylinders ONLY*

1. Close Flap 1
2. Close Flap 2
3. Close Flap 3 and tuck in 2 locking tabs
4. Close Flap 4 and tuck in 2 locking tabs
5. All TU 0715 markings must be visible
6. Follow your internal SOPs to process merchandise returns



**New TU 0715
Multi-Trip Box (MTB)**

Transporting Sodastream .640 L CO₂ Cylinder Shipments

- ✓ Go to www.sodastream.ca/tc to access TU0715
- ✓ **No placards or DG document is required for a load of cylinders under 500 kg or 500 cylinders.**
- ✓ **Alternate Shipping Document and Placards are required for a load of cylinders over 500 kg or 500 cylinders.**
- ✓ The Alternative Shipping document must contain:
 - “UN1013, CARBON DIOXIDE”,
 - “Temporary Certificate TU 0715”,
 - ” 24-Hour Number (CANUTEC used)” and
- ✓ “quantity of cylinders” or the weight of the cylinders in Kilograms ” in the consignment.
- ✓ **TU 0715 markings must be visible** on exterior packaging
- ✓ **Dangerous Goods Shipping Documentation** with shipper’s certification are not required for loads under 500 kg or 500 cylinders



Alternative Shipping Document



“Temporary Certificate, TU 0715”

“UN 1013”, “Carbon Dioxide Cylinders”

“CANUTEC – 24 Hour Number – 1-613-996-6666”

” Quantity of dangerous goods”,

Add either, Kilograms (kg.) “_____” or Number of cylinders
“_____”

This form is to be used when the gross mass of the cylinders exceeds 500 kg or the number of cylinders exceeds 500 cylinders. Placards are required on the means of transport.