



Scan this code

Ellemate U.S. DOT Special Permit DOT-SP 21397

Cylinder Handling Training Storage & Shipping Information



or visit
www.ellemateusa.com/DOT
to download an electronic
version of this document



Outline of HazMat Shipping Training provided to downstream customers will include:

- A. Proper handling of full and empty cylinders
- B. How to identify and handle a damaged cylinder
- C. How to close and secure provided shipping boxes
- D. When to request a new shipping box (if old box is damaged or unreadable)
- E. Other unusual handling situations
- F. Dangers of exposure to Carbon Dioxide





About Special Permit

- •The United States Department of Transportation (DOT) has granted Special Permit (DOT-SP 21397), enabling Ellemate and its partners to comply with Hazardous Materials Regulations (HMR) in a different way than what is prescribed in the HMR
- •To obtain DOT-SP 21397 from the U.S. DOT, Ellemate 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 gas





Ellemate cylinders are processed exclusively at the Ellemate Facility.

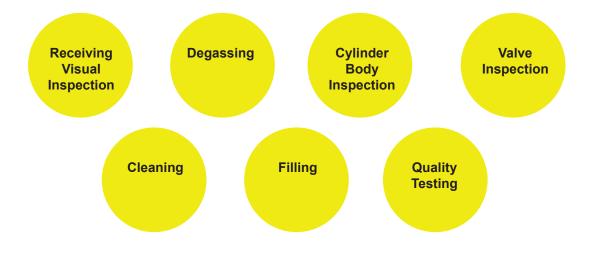


AREA	HIGHLIGHTS	
Safety Valve	Machined, solid-brass safety valve designed to exceed operational pressure specifications	
Body	Heavy gauge, hardened aluminum body w/side wall & bottom thickness that exceed standard application specifications	
Filling Procedure	Standard CO2 Filling pressure set well below cylinder maximum operating specifications	



Inspection and quality testing process for re-filling

- Every cylinder is returned to Ellemate's processing facility
- Inspection of each cylinder's body is performed, cylinders with even minor blemishes are replaced
- 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 Ellemate cylinders
- Re-filled cylinders are quality checked to confirm safe practices.





Ellemate 60L CO2 cylinders do not require special handling or special storage conditions



- Ellemate CO2 cylinders

 and Sparkling beverage
 kits containing cylinders
 are securely packaged in
 sturdy corrugate boxes
- Ellemate CO2 cylinders require no special storage conditions
- Storage facilities do not require Hazmat certification
- Personnel handling
 Ellemate CO2 cylinders
 require no special Hazmat
 or handling training



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

Handling Exceptions				
Issue	Action			
If Ellemate shipping cartons become damaged If Ellemate CO2 cylinders become noticeably damaged (e.g., bent or dented) Other unusual handling situations	Contact Ellemate to request replacement packaging Set damaged cylinders aside, contact Ellemate for assistance			
Other unusual handling situations	Contact Ellemate for assistance			

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

For product information call: Strategic Edge Imports's Customer Service Number For emergencies only. Call CHEMTREC: Toll Free: 1-800-424-9300/ +1 703-527-3887 CCN# 12416



Returns of Ellemate MTBs with empty 60L CO2 cylinders can also ship under the new DOT Special Permit

FROM	ТО	IMPACT	CUSTOMER ACTION
CUSTOMER STORE	CUSTOMER DC	FTL / LTL Shipments •Regular Bill of Lading with updated product description is needed •No additional Hazmat documentation required •Exterior truck hazmat placard not required •Driver Hazmat certification/training not required	*Alignment with your freight carriers to avoid hazmat surcharges is recommended when ship under new special permit *Items must be shipped in Ellemate provided MTB packaging
CUSTOMER STORE or CUSTOMER DC	Ellemate DC	Parcel Shipments •Regular parcel shipping label + Supplemental product description label (pre-affixed by Ellemate is needed •No additional Hazmat documentation required	•No action required. Ellemate has aligned with logistics partners to ship under new special permit

Little or no changes are required to current store and warehouse level 60L CO2 cylinder return Standard Operating Procedures (SOPs)



New Special Permit creates dual processing tracks for 60L cylinders

BOX MARKING



OVERVIEW	IMPACT
Partial relief from hazmat communication requirements & training of personnel involved in handling and transportation both full and empty cylinders	 New specially-marked MTB No Change in return process



Transporting Ellemate 60L CO2 Cylinder Shipments

- Go to www.ellemateusa.com/DOT to access DOT-SP 21397
- No Hazmat driver, no placards required for shipments under 26,400 Lb.
- Bill of Lading must include material description shown below:
- "Carbon dioxide (UN1013) shipped under DOT-SP 21397"
 - Special permit markings visible on exterior packaging
 - No Hazmat shipping papers with shipper's certification required

