

**Transportation
Oxy-fuel gas
Welding and cutting
4-22-13**

(5) Transportation of Compressed, Liquefied and Dissolved Gas Cylinders

(a) When transporting cylinders in vehicles you must:

(A) Secure cylinders from moving. 350(a)(4)

(B) Keep valve protection caps in place on cylinders without regulators attached.
350(a)(1)

NOTE: This applies to cylinders designed to accept valve caps.

(C) Protect cylinder valves and regulators when regulators are attached.

(D) Keep acetylene gas cylinders with valve(s) end up. 350(a)(4)

(E) Keep liquid cylinder valve(s) vertical. 253(b)(5)(iii)(A)

(F) Keep oil residue from contacting oxygen cylinders.

(b) When transporting cylinders in enclosed vehicle(s) you must:

NOTE: This rule does not apply to cylinders transported in an unoccupied enclosed truck or trailer compartment with a shippers' certificate meeting the code for Hazardous Materials Regulations CFR 49 part 172.204.

(A) Leak check each cylinder prior to placement into the vehicle.

(B) Place any cylinder(s) in a cylinder compartment(s).

NOTE 1:The number of oxygen and fuel gas cylinders that can be transported in the cylinder compartment will be limited by the size of the compartment.

NOTE 2: The rules for the storage of cylinders do not apply to any cylinder(s) in a permanently mounted and vented cylinder compartment(s) in enclosed vehicles.

(C) Secure the cylinder compartment from movement

(D) Secure cylinders from movement

(E) Isolate fuel gas cylinders from sources of ignition.

(F) Provide in any enclosed vehicle a cylinder compartment with permanent upper and lower venting. Venting must be to the outside of the vehicle and must be directed away from any potential ignition source.

(G) Open “outside vehicle compartment” doors when withdrawing product from cylinders.

(H) Remove cylinders from the “inside vehicle compartment” to the outside of the vehicle prior to use.

(I) Ensure that all outside cylinder compartment(s) are sealed to prevent leakage to the inside of the vehicle. Outside compartment doors must open to the outside of the vehicle.

(J) Ensure the interior of any cylinder compartment containing oxidizers does not contain petroleum products or materials that have contacted petroleum products.