



## COMPRESSED GAS HANDLING

Date:

TOOLBOX / TAILGATE TALK

Presenter:



Canadian Centre for  
Occupational Health and Safety

Centre canadien de  
santé et sécurité au travail



## SAFETY INFOGRAM 107

### LABORATORIES

# COMPRESSED GAS CYLINDER HANDLING

Before handling cylinders, read all label information and data sheets for the gas.

Handle cylinders with hands and clothing which are free of grit, grease and oil. This reduces slipping and also prevents grit or grease from getting on the nozzle or valve.

Dragging or sliding cylinders can damage them. Roll cylinders on their bottom edge for short distances only.

Locate eyewash stations, safety showers, respirators, and resuscitators nearby but out of the immediate area. It might be contaminated by an accidental release of gas.

Keep dry chemical fire extinguishers close at hand. Inspect extinguishers monthly.

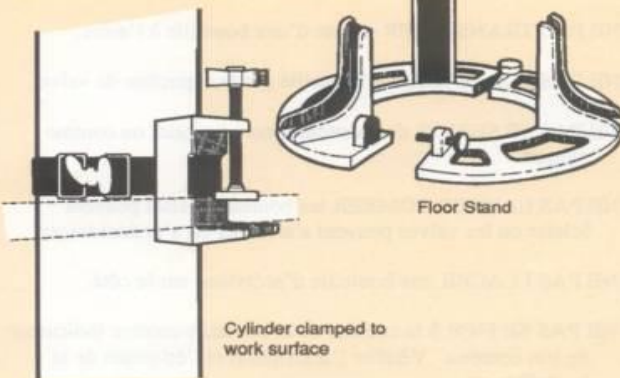
### Checklist

#### DOs

**HANDLE** all cylinders as if they were full.

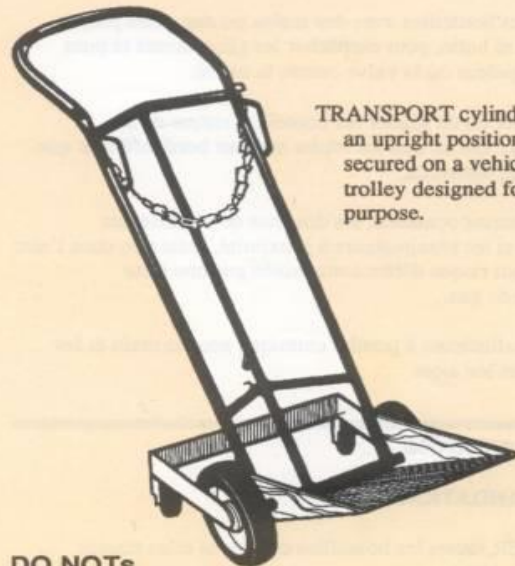
**PROTECT** cylinders from damage.

**SECURE** cylinders to a firm support.



**TIGHTEN** valve protection caps by hand.

**MOVE** cylinders with valve protection caps on.



**TRANSPORT** cylinders in an upright position, secured on a vehicle or trolley designed for that purpose.

#### DO NOTs

**DO NOT STRIKE** an electric arc on a cylinder.

**DO NOT TRANSFER** gas from one cylinder to another.

**DO NOT LIFT** a cylinder by the protection cap.

**DO NOT USE** cylinders as rollers or supports.

**DO NOT DROP** cylinders. They could burst, or the valves could break off or become damaged.

**DO NOT PLACE** an acetylene cylinder on its side.

**DO NOT RELY** on a cylinder's colour to identify contents. Check the cylinder's stencil and tag.

**DO NOT PLACE** cylinders where they may become part of an electrical circuit.

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