

**§ 56.16001**

**30 CFR Ch. I (7–1–10 Edition)**

**Subpart O—Materials Storage and Handling**

**§ 56.16004 Containers for hazardous materials.**

**§ 56.16001 Stacking and storage of materials.**

Containers holding hazardous materials must be of a type approved for such use by recognized agencies.

Supplies shall not be stacked or stored in a manner which creates tripping or fall-of-material hazards.

[67 FR 42389, June 21, 2002]

**§ 56.16002 Bins, hoppers, silos, tanks, and surge piles.**

**§ 56.16005 Securing gas cylinders.**

Compressed and liquid gas cylinders shall be secured in a safe manner.

(a) Bins, hoppers, silos, tanks, and surge piles, where loose unconsolidated materials are stored, handled or transferred shall be—

**§ 56.16006 Protection of gas cylinder valves.**

Valves on compressed gas cylinders shall be protected by covers when being transported or stored, and by a safe location when the cylinders are in use.

(1) Equipped with mechanical devices or other effective means of handling materials so that during normal operations persons are not required to enter or work where they are exposed to entrapment by the caving or sliding of materials; and

**§ 56.16007 Taglines, hitches, and slings.**

(a) Taglines shall be attached to loads that may require steadying or guidance while suspended.

(2) Equipped with supply and discharge operating controls. The controls shall be located so that spills or over-runs will not endanger persons.

(b) Hitches and slings used to hoist materials shall be suitable for the particular material handled.

(b) Where persons are required to move around or over any facility listed in this standard, suitable walkways or passageways shall be provided.

**§ 56.16009 Suspended loads.**

Persons shall stay clear of suspended loads.

(c) Where persons are required to enter any facility listed in this standard for maintenance or inspection purposes, ladders, platforms, or staging shall be provided. No person shall enter the facility until the supply and discharge of materials have ceased and the supply and discharge equipment is locked out. Persons entering the facility shall wear a safety belt or harness equipped with a lifeline suitably fastened. A second person, similarly equipped, shall be stationed near where the lifeline is fastened and shall constantly adjust it or keep it tight as needed, with minimum slack.

**§ 56.16010 Dropping materials from overhead.**

To protect personnel, material shall not be dropped from an overhead elevation until the drop area is first cleared of personnel and the area is then either guarded or a suitable warning is given.

**§ 56.16003 Storage of hazardous materials.**

Materials that can create hazards if accidentally liberated from their containers shall be stored in a manner that minimizes the dangers.

**§ 56.16011 Riding hoisted loads or on the hoist hook.**

Persons shall not ride on loads being moved by cranes or derricks, nor shall they ride the hoisting hooks unless such method eliminates a greater hazard.

**§ 56.16012 Storage of incompatible substances.**

Chemical substances, including concentrated acids and alkalis, shall be stored to prevent inadvertent contact with each other or with other substances, where such contact could cause a violent reaction or the liberation of harmful fumes or gases.