

Company Name: _____ Dept: _____ Location: _____ Date: _____

#51

CONCRETE & MASONRY

Concrete is an important building material that commonly used and the dangers of working with it and around it are often overlooked. Concrete and in particular, precise concrete members, can be dangerous when not treated with care. The applicable OSHA standards can be found in 29 CFR part 1926.700 through 1926.706 and Cal/OSHA Title 8 §1712 through 1722.

To summarize, these standards are concerned with safe practices associated with construction loads, reinforcing steel, post-tensioning operations, riding concrete buckets (which is not permitted), working under loads, personal protective equipment, bulk cement storage, concrete mixers, tools, concrete buggies, concrete pumping, masonry saws, re-shoring and formwork. There are separate chapters of safety codes on requirements for pre-cast concrete and for lift-slab operations, jacking equipment and concrete jacking operations.

Requirements for masonry construction include a limited access zone, which should be established before construction begins, the width of the limited access zone and that it should be established on the side of the wall, which does not have scaffold. The limited access zone should be off-limits to all but those employees actually engaged in construction the wall until such time as the wall is adequately supported to prevent overturning and collapse. For walls over eight feet in height, adequate bracing is necessary unless the wall is adequately supported through its design and/or construction to prevent overturning and collapse.

Let's not forget a few other hazards associated with the use of concrete. The actual concrete delivery can be very dangerous especially when delivered on rough and uneven terrain. The delivery vehicle is very heavy and awkward when backing up and has heavy components that can suddenly swing around out of control, if not operated properly. Finally, concrete can dry leaving very sharp, hard edges. You should be alert and on-guard when working with all stages of concrete.

Meeting Conducted By:

Print Name

Signature

Meeting Attended By:

Document Filing Reference

Notes & Suggestions