

Concrete and Masonry Checklist

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General:

- Wear Protective Clothing
 - eye protection
 - snug-fitting clothing
- Guard all protruding reinforcing steel

Equipment and Tools:

- Powered, rotating-type concrete trowels that are manually guided have a control switch that automatically shuts it off if operators hands removed from handles
- Sandblasting Operations: provide respirators for employees
- Steel-toe boots when handling concrete block
- When using gasoline powered concrete cutters, buggies, and trowels ensure that enclosed spaces are adequately ventilated
- Employees cannot ride concrete buckets

Cast-in Place Concrete:

- Inspect erected shoring equipment immediately prior to, during and immediately after concrete placement.
- Leave forms and shores in place until employer determines that the concrete can support its weight and superimposed loads.

Precast Concrete:

- Support precast concrete wall units, structural framing, and tilt-up wall panels
- Lifting hardware capable of supporting at least 5 times maximum intended load

Lift-Slab Construction Operations:

- Jacking equipment has safety factor of 2.5
- Maximum number of manually controlled jacks on one slab = 14
- Synchronize jacking operations

During jacking, only those employees required for jacking and to secure slabs permitted under slab

Masonry Construction:

- Establish limited access zone on side without scaffoldings
 - Equal to height of wall to be constructed plus 4 feet
 - Equal to entire length of the wall
- If masonry wall over 8 feet tall, brace or support it