



ARCO SAFE TOOL BOX TALKS

Concrete Construction Safety

1926 Subpart Q, Concrete and Masonry



- There are three types of concrete construction: Cast-in Place, Precast, and Lift-Slab. While different all of these include similar hazards.
- Rebar (concrete reinforcing steel) **MUST** be properly protected at all times from impalement. This includes impalement to the eye when it is horizontal. Hazard mitigations include, rebar caps, bending rebar over in a non-hazardous direction, “tie” rebar together or to larger objects like 2x4 boards.
 - Caught in-between can include a vehicle, pre-cast or both. Create an LAZ around areas that will include concrete trucks, pump trucks and tilt-ups to keep other workers away. Always be away of surroundings and never work without proper lighting!
 - While many of these operations are at ground level falls are still one of the greatest number of injuries during concrete work. Make sure ALL drop offs (especially future truck dock areas) are marked by orange fence, or caution tape to prevent workers, or vehicles from accidentally going over the edge! All workers in boom lifts MUST have on a harness and be properly tied off!
 - Make sure all cranes involved in pre-cast and tilt wall have a certified crane operator. That the crane annual inspection record is on hand. The riggers are properly trained. The rigging is certified (tagged). Lastly the swing radius of the crane is roped off with DANGER tape to prevent caught in-between injuries.