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10 things to know about Concrete Safety

1. Concrete must be fully cured to withstand loads from equipment and personnel.
2. Pumping concrete with pressurized equipment requires that employees be trained in the hazards of pressurized hoses and elevated booms.
3. PPE is always required for head, eyes, feet and hand protection.
4. Employees are not permitted under concrete buckets, pre-cast, tilt-up or any suspended load.
5. Overhead power-lines are dangerous and a **minimum of 10 ft clearance** is required for all concrete trowel (pole extensions), tools and mobile equipment.
6. During concrete tilt-up operations, only authorized employees are allowed in the danger zone of a braced or suspended panel until it is completely braced and tilt-up operations are complete.
7. Shoring, re-shoring and false-work is to be installed and removed under the supervision of a qualified engineer.
8. A 2:1 safety factor (loading) must be maintained on all falsework platforms.
9. Moving parts on mixers, paddle-wheel trowels, pumps and concrete cutting and grinding equipment must be fitted with guards to prevent contact with hands/ feet, clothing, snags etc.
10. A limited access zone must be established for all un-braced masonry walls.