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## Safe Work Practice

Name of Job: <b>Precast concrete</b>	Development Date: <b>February 21<sup>th</sup>, 2011</b>	Developed By: <b>CSNS</b>
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### Possible Hazards Present

Falling objects      Musculoskeletal injuries (MSI)      Heavy machinery      Slips, trips ,falls

### Personal Protective Equipment (PPE) and Devices Recommended

Steel toed boots      Eye protection      Hand protection      Hard hat

Long Sleeve Clothing

#### What are some good general safe work practices?

- **DO** ensure that panels are adequately braced and supported to prevent collapse
- **DO** ensure that Lifting inserts must be capable of supporting at least two times the maximum intended load applied to them.
- **DO** ensure that only essential employees are permitted under precast concrete that is being lifted or tilted into position.
- **DO** ensure that Lift-slab operations are designed and planned by a registered professional engineer.
- **DO** ensure that Jacking equipment is capable of supporting at least two and one half times the load being lifted during jacking operations and the equipment must not be overloaded.
- **DO NOT** give permission to any employee, except essential to jacking operation, to be permitted in the structure while any jacking operation is taking place.
- **DO NOT** Under any circumstances let any employee who is not essential to the jacking operation be permitted under a slab while it is being lifted.
- **DO** ensure that a limited access zone is established to ensure personnel are not at risk should supports or bracing fail.

Please note: This document is for information purposes only as a guide. The safe job procedures (SJP) and safe work practices (SWP) created for your workplace should reflect your organizations processes, equipment and hazards as identified by a hazard analysis. Construction Safety Nova Scotia does not assume responsibility for the use of information in this document. If assistance is needed to complete a SWP and SJP for your organization please contact CSNS member services at [constructionsafetyns.ca](http://constructionsafetyns.ca) or 1.800.971.3888.