**Safe Work Practice Precast concrete**

| **Department/Area:** | **Approved by:** | **Date Created:** | **Review/Revision Date:** |
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| insert text here |  |  |  |

| **Potential Hazard** | **Risk level** |
| --- | --- |
| Awkward/sustained postures - bend, reach, lift |  |
| Forceful exertions - lifting |  |
| Repetitive movements |  |
| Vibration |  |
| Compression |  |
| Sharp points/edges - sharp materials |  |
| Pinch points - bin lids |  |
| Materials falling - bin lids |  |
| Surfaces causing falls - icy, snow in winter |  |
| Moving machinery |  |
| Chemicals |  |
| Biological pathogens - contact with waste |  |
| Electrical |  |
| Extreme heat/cold |  |
| Noise |  |
| Combustibles/flammables |  |
| Risk of falling |  |
| Other |  |

| **Risk control devices, personal protective equipment, and other safety considerations** | **Training/Reference info** |
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|  |  |

**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 are 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.