Formwork & Falsework

FSR

Intent: To eliminate or minimise the risks of fatalities, injuries and events arising from erection and dismantling of formwork and falsework.

Engineered Safety in Practice (examples):

- Procure modular formwork to integrate with screens and form systems to provide encapsulation
- Eliminate or reduce working at height via construction techniques on ground
- Eliminate the need for falsework or formwork with offsite manufactured elements
- Incorporate fall protection and access into formwork system

FSR Controls

1. Only construct falsework and *medium / high-risk formwork* from designs that are Issued for Construction and authorised by the Temporary Works Coordinator.
2. A documented method and sequence for assembling and dismantling formwork and falsework must address fall and penetration protection, access, egress, and emergency response needs.
3. Inspect all formwork and falsework materials, equipment, and components before use, and remove any defective items from service.
4. Only set up concrete boom pumps in locations with a valid Permit to Load.
5. Obtain a Permit to Load before applying any load to falsework or *medium / high-risk formwork*.
6. Design changes must be approved by the Temporary Works Designer, reinspected, and the Permit to Load renewed.
7. Prevent persons and objects from falling from elevated formwork and falsework by incorporating edge protection, containment sheeting, gap covers, or deflector shields.
8. Establish exclusion zones beneath formwork during concrete placement using physical barricades, signage, access approval procedures, and contact details for the responsible person.

DEFINITIONS

Medium or high-risk formwork: as per definitions outlined in Temporary Works Classification and Control Measures Guidelines

