

Temporary works are required for almost every construction project, but understanding what temporary works are and how to manage them adequately is often misunderstood.

A lack of awareness or poor planning of temporary works could cause structures to fail or put workers at risk of injury.

## Temporary Works Coordinator (TWC)

The TWC is responsible for ensuring that the contractor's procedures for the control of temporary works are implemented on site. The TWC is not normally the designer, but is responsible for ensuring that a suitable temporary works design is prepared, checked and implemented on site in accordance with the relevant drawings and specification.

## What are Temporary Works?

Temporary works refer to the structures, systems, and supports that are put in place during the construction process to enable the building or infrastructure project to be constructed safely and efficiently.

These temporary works are necessary to facilitate construction activities, provide access, support loads, and ensure the stability of the overall construction process.

Temporary works are typically removed or dismantled once their specific construction phase is completed.

Examples of temporary works include:

- 1. Scaffolding:** Erected to provide a platform for workers to access different parts of a building or structure during construction.
- 2. Formwork:** Temporary molds or frameworks used to shape and support concrete until it sets, ensuring that it takes the desired form.
- 3. Temporary Supports:** Temporary bracing, shoring, or supports used to stabilize structures during construction. This can include supports for excavation, walls, or other components.
- 4. Falsework:** Temporary structures used to support arched or suspended spans, such as bridges, during construction.
- 5. Tunneling and Trenching Supports:** Temporary supports used during excavation for tunnels or trenches to prevent collapses and ensure worker safety.
- 6. Temporary Access Structures:** This includes ramps, bridges, or other temporary structures used to provide access for construction vehicles and workers.

The design, installation, and removal of temporary works are critical aspects of construction project planning and execution. They must comply with safety regulations and engineering standards to ensure the well-being of workers and the success of the construction project.

Temporary works are an integral part of the construction process, contributing to the overall efficiency, safety, and success of the project.

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