

# Excavation and trenching

## Objective

To prevent fatalities, eliminate or minimise the risk of injuries and incidents from work with excavation and trenching.

## Requirements

At Haslin Constructions:

1. We conduct and document risk assessments to identify all reasonably foreseeable hazards associated with excavation and trenching activities.
2. Where we cannot eliminate risks, effective and appropriate control measures are established implemented, maintained, monitored and reviewed in line with the hierarchy of controls.
3. Prior to and during works, we obtain, verify, identify and communicate current underground services information of the work area. This includes adjacent areas to workers and stakeholders involved to prevent any contact or collision by workers, excavators or any other mobile plant.
4. We develop and implement controls that address the risks of airborne contaminant exposure, the presence of or possible inrush of water or other liquid and the accumulation of fumes and gases.
5. We develop and implement controls to validate ground stability conditions using approved methods to prevent ground collapse.
6. Where practicable we isolate services before any work takes place.
7. We provide and maintain safe access and egress to all excavations and trenches.
8. We liaise with the relevant asset owner (e.g. electricity, gas and telecommunications) regarding proposed work as defined by the asset owner and legislation.
9. We provide and maintain physical barriers, signage and lighting to prevent unauthorised access and to prevent persons or materials falling into the excavation.
10. We identify any risk of soil contamination before and after excavation and trenching
11. We ensure a competent person inspects the excavation and trenches before each working shift or after any changes to the work environment.
12. We develop and implement a training framework to ensure all workers involved in works in or near excavation and trenches are competent.
13. Before starting any work, we apply appropriate permit, permission and approval processes to validate the risks related to excavation and trenching are adequately controlled.
14. We ensure persons approving, authorising or supervising work are competent and trained in relevant work procedures.
15. We plan and regularly test emergency and rescue arrangements related to incidents and potential scenarios with excavations and trenches.

