

# Earthworks Execution Method Statement

## 1. Purpose

This method statement outlines the procedures, equipment, and safety practices to be followed for the execution of earthworks.

## 2. Scope of Works

The scope covers site clearing, excavation, filling, compaction, grading, and disposal of surplus soil as per the project drawings and specifications.

## 3. References

- Project Drawings & Specifications
- Relevant Local Standards & Codes
- Project Health and Safety Plan

## 4. Responsibilities

Role	Responsibility
Site Engineer	Supervise and ensure work is as per specifications
Foreman	Manage daily activities and workforce
Safety Officer	Verify safe work practices are implemented

## 5. Equipment & Materials

- Excavators
- Bulldozers
- Dump Trucks
- Compactors
- Surveying Instruments

## 6. Methodology

1. Site clearance: Remove vegetation and debris from the work area.
2. Setting out: Mark boundaries and levels as per drawings.
3. Excavation: Excavate to the required depth and profiles.
4. Inspection: Verify levels and formation with the consultant.
5. Filling & Compacting: Place approved fill material in layers and compact to the specified density.
6. Grading: Grade surfaces to achieve required slopes and finish levels.
7. Disposal: Remove surplus soil to the designated area.

## 7. Health & Safety

- Personal protective equipment (PPE) to be worn at all times.
- Safety barriers and signage to be installed as required.
- Regular toolbox talks and safety briefings.

- Ensure safe access for vehicles and personnel.

## **8. Quality Control**

- Inspections to be conducted at each stage of works.
- Soil compaction tests as specified.
- Documentation of all inspections and tests.

## **9. Environmental Considerations**

- Dust control measures to be implemented.
- Proper disposal of waste materials.
- Minimize noise during operations.

## **10. Attachments**

- Project Drawings
- Inspection & Test Plans (ITP)
- Material Approval Records