



# Backfilling and Compaction Checklist (around foundation)

## Pre-Backfill Verification

Ensuring site conditions are suitable before backfilling begins.

**Existing Ground Condition Assessment Completed?**

☐ Yes

☐ No

**Describe Existing Ground Condition (including any organic matter or debris)**

Write something...

**Existing Ground Elevation (datum)**

Enter a number...

**Photos of Existing Ground Conditions**

 Upload File

### Underground Utilities Located and Marked?

☐ Yes

☐ No

### Details of Utility Location and Marking (if applicable)

Write something...

### Foundation Elevation (datum)

Enter a number...

### Approved Backfill Material Specified?

☐ Yes

☐ No

## Material Approval and Delivery

Confirming the correct backfill material has been approved and delivered to the site.

### Backfill Material Type Approved?

☐ Yes

☐ No

### Material Specification Reference (e.g., project specs, ASTM standard)

Write something...

## Material Test Report (MTR) - Initial Delivery

 Upload File

### Quantity of Backfill Material Delivered (CY or Tons)

Enter a number...

### Material Delivery Confirmation?

- ☐ Received as Specified
- ☐ Received with Discrepancies - See Notes
- ☐ Not Received

### Notes on Material Discrepancies (if any)

Write something...

### Date of Material Delivery

Enter date...

## Backfill Material Placement

Procedures and verification related to the layering and placement of the backfill material.

### Approved Backfill Material Type?

- ☐ Granular Soil
- ☐ Sand
- ☐ Crushed Stone
- ☐ Other (Specify in Long Text)

### If 'Other' Material Type Selected, Specify:

Write something...

### Backfill Material Moisture Content (%)

Enter a number...

### Layer Thickness (inches)

Enter a number...

### Placement Method Description

Write something...

### Potential Hazards Addressed?

- ☐ Underground Utilities Marked
- ☐ Erosion Control Measures Installed
- ☐ Slope Stability Considerations
- ☐ Existing Structures Protected

### Lot Number/Source of Backfill Material

Write something...

## Compaction - Layer 1

Specific checks and activities related to compaction of the first layer of backfill.

### Moisture Content (%) - Layer 1

Enter a number...

### Compaction (lbs/ft<sup>2</sup> or kN/m<sup>2</sup>) - Layer 1

Enter a number...

### Compaction Method - Layer 1

- ☐ Hand Tamper
- ☐ Plate Compactor
- ☐ Sheepsfoot Roller
- ☐ Vibratory Roller

### Number of Passes - Layer 1

Enter a number...

### Layer Thickness (inches) - Layer 1

- ☐ < 6 inches
- ☐ 6-8 inches
- ☐ > 8 inches

### Observations/Notes - Layer 1

Write something...

### Photos/Video - Layer 1 Compaction

 Upload File

### Inspector Signature - Layer 1

## Compaction - Subsequent Layers

Compaction verification for all subsequent layers of backfill.

### Layer Thickness (inches)

Enter a number...

### Moisture Content (%)

Enter a number...

### Compaction Effort (lbs/sq ft or kN/m<sup>2</sup>)

Enter a number...

### Density Achieved (%)

Enter a number...

### Compaction Method Used

- ☐ Plate Compactor
- ☐ Sheepsfoot Roller
- ☐ Vibratory Roller
- ☐ Hand Tampor
- ☐ Other (Specify in LONG\_TEXT)

### If 'Other' compaction method selected, specify:

Write something...


### Material Passing Sieve Size (mm)

- ☐ < 75mm
- ☐ < 50mm
- ☐ < 25mm
- ☐ Other (Specify in LONG\_TEXT)

### If 'Other' sieve size selected, specify:

Write something...

### Density Test Results (e.g., Proctor Test)

 Upload File

### Inspector Sign-Off - Subsequent Layers

## Final Grading and Protection

Activities related to final grading, sloping, and protecting the backfilled area.

### Finished Grade Elevation (ft)

### Slope/Grade at Foundation Perimeter (%),

### Topsoil Layer Present?

☐ Yes☐ No

### Description of Erosion Control Measures Implemented (e.g., silt fence, blankets)

### Photo Documentation of Final Grading and Protection



### Protection from Precipitation Applied?

☐ Yes

☐ No

### Details of Precipitation Protection (e.g., tarp covering area, type of tarp)

Write something...

## Documentation and Sign-Off

Record keeping and formal sign-off procedures for completion of the backfilling process.

### Backfilling Start Date

Enter date...

### Backfilling Completion Date

Enter date...

### Number of Compaction Tests Performed

Enter a number...

### Summary of Compaction Test Results (including test locations and pass/fail status)

Write something...

**Material Type Verified?**

- ☐ Yes
- ☐ No

**Compaction Requirements Met?**

- ☐ Yes
- ☐ No

**Foreman Signature**

**Inspector Signature**

**Project Identifier/Reference Number**

Write something...