



# Underground Utility Bedding and Backfill Inspection Checklist

Interactive checklist for inspecting underground utility bedding and backfill, with commentable and exportable features, ensuring compliance and quality.

Project:

Date:

Filled by:

## Pre-Inspection Preparation

1	Gather all necessary documentation and specifications related to the utility installation.
2	Ensure all safety gear is available, including helmets, gloves, and high-visibility vests.
3	Verify that all necessary tools, such as compaction testers and measuring tapes, are on-site.

## Bedding Material Inspection

4	Check that the bedding material is free from large rocks or debris that could damage the utility.
5	Ensure that the bedding material is consistent with the project specifications and standards.
6	Measure the bedding layer thickness to confirm it meets the required depth.

## Backfill Material Inspection

7	Inspect the backfill material for appropriate grain size and composition.
8	Ensure the backfill is placed in layers not exceeding the maximum specified thickness.
9	Verify that each layer of backfill is adequately compacted before adding the next layer.

## Compaction Verification

10	Use a compaction tester to confirm that density meets project requirements.
11	Document compaction test results for each layer and compare them with standard values.

## Final Inspection

12	Conduct a final visual inspection to ensure no foreign objects are present.
13	Ensure that all documentation is completed and signed off by the responsible parties.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
<p>Inspecting underground utility bedding and backfill before cover is crucial for ensuring the integrity and longevity of utility installations. This process involves examining the materials used, the placement, and the compaction of the backfill to prevent future issues such as settlement or water infiltration. This checklist is designed to guide inspectors through a comprehensive evaluation of these elements, ensuring compliance with construction standards and preventing costly repairs. Interactive features allow users to tick items, add comments, and export reports as PDF or Excel, with QR code authentication for verification.</p>	<p>1. Click the 'Start Interactive Checklist' button to launch interactive mode. 2. Tick each item online as you complete it. 3. Add comments on individual items or the entire checklist. 4. Click 'Share' or 'Download' to download your completed checklist as PDF or Excel.</p>