



Underground Utility Pressure Testing Checklist

Interactive checklist for inspecting underground utility pressure testing before backfill, with comment and export features as PDF/Excel.

Project:

Date:

Filled by:

Preparation and Safety

1	Review project specifications for pressure testing requirements.
2	Ensure all personnel are wearing appropriate personal protective equipment (PPE).
3	Verify that all testing equipment is calibrated and in good working condition.
4	Check the site for any potential hazards that might affect the testing process.

System Isolation

5	Ensure the utility system is properly isolated from active networks.
6	Install necessary caps or plugs to seal the testing section.
7	Confirm that all valves are in the correct position for testing.

Pressure Testing

8	Gradually increase pressure to the specified test level, monitoring for stability.
9	Maintain the test pressure for the required duration as per specifications.
10	Inspect for any visible leaks or pressure drops during testing.
11	Record all pressure readings and any anomalies observed during the test.

Post-Testing Procedures

12	Release pressure slowly and safely from the system.
13	Remove any temporary seals or caps used during testing.
14	Document test results and prepare a report for stakeholders.
15	Verify the system is ready for backfill once all tests are satisfactorily completed.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Underground utility pressure testing is a critical phase in construction and maintenance, ensuring the integrity and safety of utility lines before they are buried beneath the ground. This inspection focuses on verifying that all utility pipes, such as water, gas, or sewage lines, are properly sealed and can sustain the required pressure without leaks. By conducting thorough pressure tests, potential failures can be identified and rectified before backfilling, thereby avoiding costly repairs and ensuring long-term reliability. Users can tick items online, leave comments, and export completed reports as PDF or Excel with a unique QR code for authenticity, enhancing the inspection's traceability and efficiency.	1. Gather all necessary tools and safety equipment before starting the inspection. 2. Click the 'Use this checklist' or 'Start Interactive Checklist' button to launch interactive mode. 3. Tick each item online as you complete it, ensuring no steps are missed. 4. Add comments on individual items or the entire checklist to note observations or issues. 5. Click 'Share' or 'Download' to download your completed checklist as PDF or Excel.