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Water Tightness Testing Checklist for Below-Grade Structures

Interactive checklist for water tightness testing of below-grade structures. Tick, comment, export as PDF/Excel. Ensure waterproof integrity.

Project:

Date:

Filled by:

Initial Preparation

1	Review the construction plans to identify areas prone to water ingress.
2	Ensure all safety gear, such as helmets and gloves, are available.
3	Inspect all testing equipment for functionality.

Testing Procedures

4	Conduct hydrostatic tests by filling the area with water and monitoring for leaks.
5	Perform dye testing under controlled conditions to trace water paths.
6	Use air pressure tests to detect minor leaks.

Monitoring and Evaluation

7	Monitor the site for any signs of water ingress during testing.
8	Document all findings with photographs and notes.
9	Review test results with the construction team to determine necessary actions.

Post-Test Actions

10	Seal any identified leaks using appropriate waterproofing materials.
11	Re-test areas where leaks were found to ensure repairs are effective.
12	Finalize testing report and distribute to stakeholders for review.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
Water tightness testing for below-grade structures involves assessing the integrity of waterproofing systems that protect structures located below ground level. This process includes various testing methods to ensure that water does not penetrate the building envelope, which could lead to structural damage or mold growth. This checklist focuses on the essential elements of testing, from initial preparation to final review, ensuring comprehensive coverage of all critical aspects. The interactive features allow users to tick off items, add comments, and export the completed checklist with a QR code for authenticity and easy sharing.	1. Click the "Use this checklist" or "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.