



Soil Stabilization Inspection Checklist

Interactive checklist for inspecting soil stabilization measures. Tick, comment, and export as PDF/Excel. Ensure safety and compliance.

Project:

Date:

Filled by:

Pre-Inspection Preparation

1	Gather all relevant project plans and soil reports.
2	Ensure all necessary safety gear is available for the inspection team.
3	Verify access to all areas where soil stabilization is applied.
4	Check that all inspection tools are calibrated and functioning correctly.

Mechanical Stabilization Check

5	Inspect the compaction level of the soil using a Proctor Test.
6	Verify the uniformity of compaction across the site.
7	Ensure the equipment used for compaction meets industry standards.

Chemical Stabilization Verification

8	Check the application of lime or cement additives for proper mixing.
9	Assess the curing time and conditions of chemically stabilized areas.
10	Ensure safety measures are in place when handling chemical additives.

Geosynthetics Inspection

11	Verify the installation of geosynthetic materials for correct placement.
12	Check for any visible damage or wear on geosynthetics.
13	Ensure geosynthetic overlaps and seams are properly secured.

Post-Inspection Review

14	Document any issues found during the inspection with photos.
15	Discuss findings with the project manager and suggest improvements.
16	Prepare a comprehensive report of the inspection findings.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
<p>Soil stabilization is a critical process in construction that involves altering soil properties to improve its strength and durability. This inspection checklist focuses on evaluating various stabilization techniques, ensuring they are implemented effectively to support infrastructure. By following this checklist, inspectors can verify the integrity of construction sites, reduce potential risks, and enhance safety. This interactive checklist allows users to tick off items, add comments, and export completed reports as PDF or Excel, complete with a QR code for authenticity.</p>	<p>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.</p>