



# Benchmark and Control Point Accuracy Verification Checklist

Interactive checklist for verifying benchmark and control point accuracy before site works. Commentable, export as PDF/Excel.

Project:

Date:

Filled by:

## Preparation and Setup

1	Gather all necessary surveying equipment, including theodolites, GPS devices, and total stations.
2	Review the site plans and design specifications to understand the required benchmarks and control points.
3	Ensure all equipment is calibrated and functioning correctly before use.

## Benchmark Verification

4	Identify all established benchmarks on the site according to the plans.
5	Use a total station or theodolite to measure the elevation of each benchmark.
6	Compare measured elevations with design specifications and document any discrepancies.

## Control Point Verification

7	Locate all control points as per the site layout using GPS devices.
8	Verify horizontal and vertical positions of control points using a theodolite.
9	Ensure all control points are clearly marked and visible on the site.

## Adjustment and Documentation

10	Adjust any benchmarks or control points that do not meet accuracy requirements.
11	Document all adjustments and verified points in the project records.
12	Ensure all verified data is backed up and stored securely.

**Comments:**

Filled by:

Signature:

Introduction	How to use this checklist
<p>Benchmark and control point verification is a critical preparatory step in site works, ensuring that all subsequent construction activities are based on accurate reference points. This process involves checking the precision of established benchmarks and control points, which serve as foundational reference levels for all measurements on a construction site. Accurate verification of these points is vital to prevent costly errors and rework, ensuring the structural integrity and alignment of the project. This interactive checklist allows users to tick off tasks, add comments, and export a validated report in PDF or Excel format, 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>