



Precast Concrete Erection Inspection Checklist

Interactive checklist for inspecting precast concrete erection & bracing. Commentable, export as PDF/Excel.

Project:

Date:

Filled by:

Precast Element Inspection

1	Check the alignment of each precast element using a laser level; tolerance should not exceed 5 mm.
2	Verify that all connection points are secure and comply with engineering specifications.
3	Inspect the surface finish of precast elements for any visible defects or cracks.

Temporary Bracing Inspection

4	Ensure temporary bracing is installed as per the design plan and is stable.
5	Check that bracing materials are free from defects and are adequately anchored.
6	Confirm that bracing supports are not obstructing other construction activities.

Safety Equipment and Procedures

7	Ensure all lifting equipment has been inspected and certified for use.
8	Verify that all personnel are wearing appropriate personal protective equipment (PPE).
9	Review the lifting plan to ensure all procedures are followed to mitigate risks.

Documentation and Sign-Off

10	Ensure all inspection records are completed and signed by the responsible engineer.
11	Document any deviations or issues found during the inspection and report to site management.
12	Ensure a final sign-off is completed once all elements are securely installed and braced.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
<p>Precast concrete erection involves the assembly of pre-manufactured concrete elements on-site, ensuring structural integrity and safety. Temporary bracing is crucial during this phase to maintain stability until the structure is self-supporting. This checklist guides you through inspecting key elements of precast concrete erection and temporary bracing, focusing on alignment, anchorage, and structural soundness. Proper inspection prevents potential failures, ensuring safety and quality. Users can interactively tick off items, add comments, and export their completed checklists 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>