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Curtain Wall Mock-Up Testing Inspection Checklist

Interactive checklist for curtain wall mock-up testing. Tick, comment, and export findings as PDF/Excel. Ensure compliance and quality assurance.

Project:

Date:

Filled by:

Pre-Inspection Preparation

1	Review all design specifications and manufacturer guidelines related to the curtain wall system.
2	Ensure all required testing equipment is calibrated and functioning correctly.
3	Verify safety gear is available and in good condition for all personnel involved in the testing process.
4	Communicate the inspection schedule and procedures to all relevant stakeholders.

Visual Inspection

5	Inspect the mock-up for any visible signs of damage or defects in materials.
6	Check the alignment and installation of curtain wall components to ensure compliance with design specifications.
7	Verify the correct installation of seals and gaskets to prevent air and water infiltration.

Testing Procedures

8	Conduct air infiltration tests using calibrated equipment, recording all results accurately.
9	Perform static and dynamic water penetration tests according to industry standards.
10	Carry out structural load tests to ensure the curtain wall can withstand specified loads.
11	Document any deviations from expected results and propose corrective actions.

Post-Inspection

12	Compile a detailed report of the inspection findings, including all test results and observations.
13	Review the report with all stakeholders, highlighting any necessary corrective actions.
14	Ensure all documentation is securely stored and tagged with a QR code for authenticity.

Comments:

Filled by:

Signature:

Introduction	How to use this checklist
<p>Curtain wall mock-up testing is a critical part of ensuring the structural integrity and aesthetic value of a building's exterior. This testing evaluates the performance of curtain walls under various conditions, including wind and water resistance. It includes a thorough examination of materials, installation methods, and design specifications. This checklist will guide you through the inspection process, ensuring compliance with industry standards and identifying potential issues early. The interactive format allows you to tick items, add comments, and export your findings, enhancing report accuracy and accountability.</p>	<p>1. Gather all necessary tools and equipment, including test apparatus, safety gear, and documentation materials. 2. Click the "Start Interactive Checklist" button to launch the checklist in interactive mode. 3. Tick each item online as you complete it to keep track of your progress. 4. Add comments on individual items or the entire checklist to provide additional notes or insights. 5. Click "Share" or "Download" to export your completed checklist as a PDF or Excel file, ensuring secure documentation with a QR code.</p>