

QLASSIC Readiness for Site Teams

Mastering CIS 7:2021 Quality Standards for Malaysian
Construction Works

Training Agenda

Our program covers the technical and operational requirements to achieve high quality scores under the latest Malaysian CIDB mandates.

SECTION 01: STANDARDS

CIS 7:2021 Background

Scoring Methodology

Assessment Scope

SECTION 02: READINESS

Site Preparation Checklist

Evidence Documentation

Visit Management

Learning Objectives

Understand the scoring transition from CIS 7:2014 to the new CIS 7:2021 mandate.

Identify critical architectural workmanship areas that carry the highest point weightage.

Develop a site readiness workflow to ensure a 'Do It Right First Time' assessment outcome.

Understanding CIS 7:2021

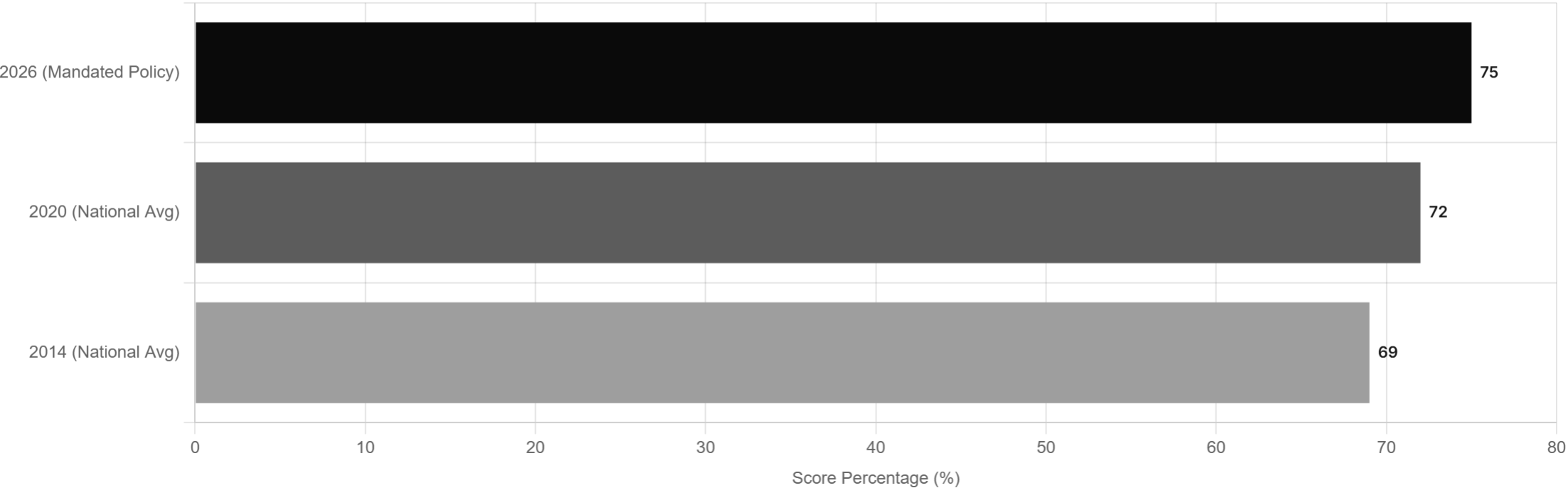
The Quality Assessment System in Construction (QLASSIC) is (QLASSIC) is governed by the second revision of CIS 7. Since 7. Since 2021, the scope has sharpened to prioritize visual visual quality and finishes.

KEY CHANGES:

- Removal of Structural works from scope
- Removal of Heavy M&E works
- Focus on Architectural & External works
- One-time assessment only (no rectifications)

The National 2026 Mandate

Figure 1: Progress of QCLASSIC Scores in Malaysia (Sourced: CIDB)



Under the National Housing Policy, QCLASSIC is now a mandatory requirement for all new public and private housing projects to ensure industry-wide workmanship consistency.

Scoring Weightage: Category B

96.15%

ARCHITECTURAL WEIGHT
(Stratified Buildings)

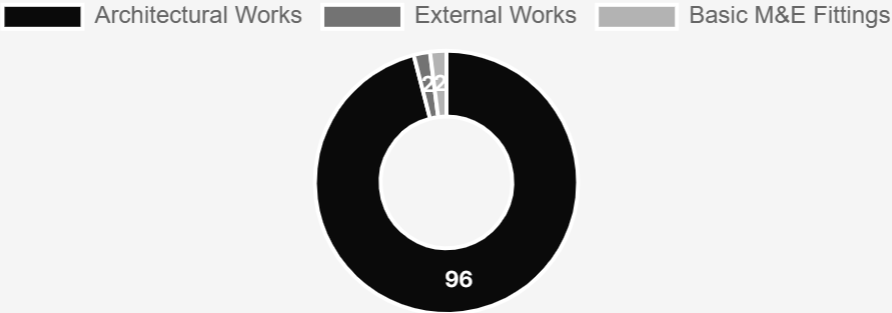
24.32%

INTERNAL FINISHES
(Floor & Wall Components)

20-30

SAMPLING UNITS
(For 500-unit Projects)

Prorated Weighted Scores for Category B



Common Defects & Non-Conformance

Hollow Tiles in Internal Finishes

Found in floor and wall components. Assessment day involves tapping 100% of tiles in sampling areas to check for voids.

Wall Alignment Deviations (>3mm)

Tolerance limit for verticality is 3mm per 1.2m height. Excess deviation results in significant point deductions.

Paint Coverage & Blistering

Uneven paint coverage, patchiness, and visible brush marks on architectural surfaces are common visual non-conformances.

Site Readiness Checklist

Before the assessor arrives, the site team must verify that all architectural works are 100% complete and protected from damage.

MANDATORY REQs:

1. CPC Issuance or
Completion Evidence
2. Sampling Unit Prep
(Clean and cleared)
3. Utility Readiness
(Water & Electricity)
4. Access & Safety
(Keys & Ladders)
5. Documentation File
(CIS 7 Compliance)

Evidence Documentation

Site teams must maintain a systematic record of architectural completions. Documentation serves as proof of readiness for the CIDB assessor.

REQUIRED RECORDS:

- Approved site layout plans
- Sampling unit key management log
- Request for Inspection (RFI) files
- Material approval certificates



Managing the Assessment Visit

01. Facilitate Access & Sampling

Ensure all unit keys are ready. Assessors select units randomly based on CIDB statistical sampling; site teams must not influence unit selection. influence unit selection.

02. Escort & Technical Assistance

Provide technical personnel to accompany assessors. Prepare testing tools like tapping rods, 1.2m levels, and steel wedges for real-time verification.

03. Real-time Record Keeping

Shadow the assessor and record all noted non-conformances. Under CIS 7:2021, these marks are final and no 're-scoring' after rectification is permitted.

Team Roles & Responsibilities

Quality is a shared responsibility. High QCLASSIC scores require coordination between project leadership and sub-contractors.

PROJECT MANAGER

Establish quality KPIs and monitor ISO 9001 integration for consistency.

SITE SUPERVISOR

Daily walk-throughs to identify and fix defects before they become permanent.

SUB-CONTRACTORS

Strict adherence to mock-up units and CIS 7 workmanship standards.

Workmanship Best Practices

Adopting a 'Do It Right First Time' culture is the most effective strategy to improve QLASSIC scores.



PRACTICAL TIPS:

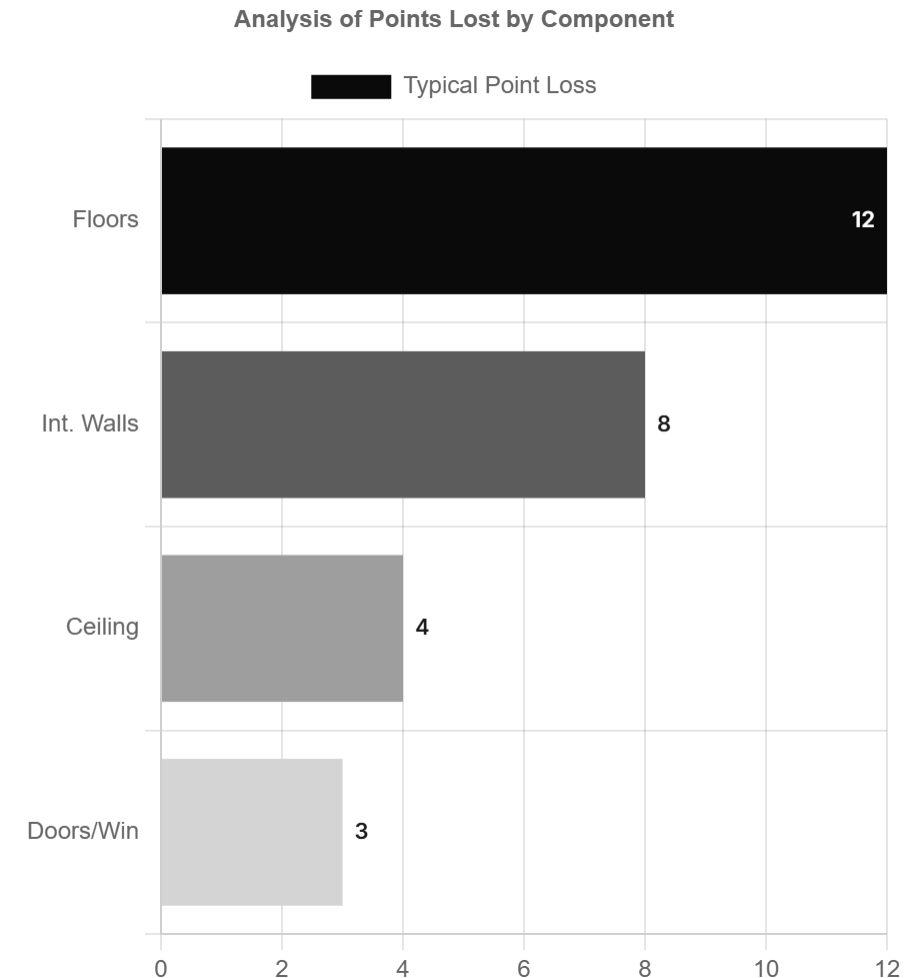
- Quality Inductions
Brief workers daily on CIS 7 tolerance limits.
- Unit Mock-ups
Establish 100% benchmark before mass production.
- Protection Works
Cover floor tiles to prevent scratches after completion.
- Internal Pre-Assess
Perform a trial tapping test 7 days before CIDB visit.

Interpreting Score Reports

Official reports reflect the proration of architectural components. Understanding your weaknesses allows for targeted quality improvements in future phases.

STRATEGY: ISO 9001 INTEGRATION

Process-based quality management (ISO) combined with product-based standards (QLASSIC) reduces reporting lead times and boosts score consistency.



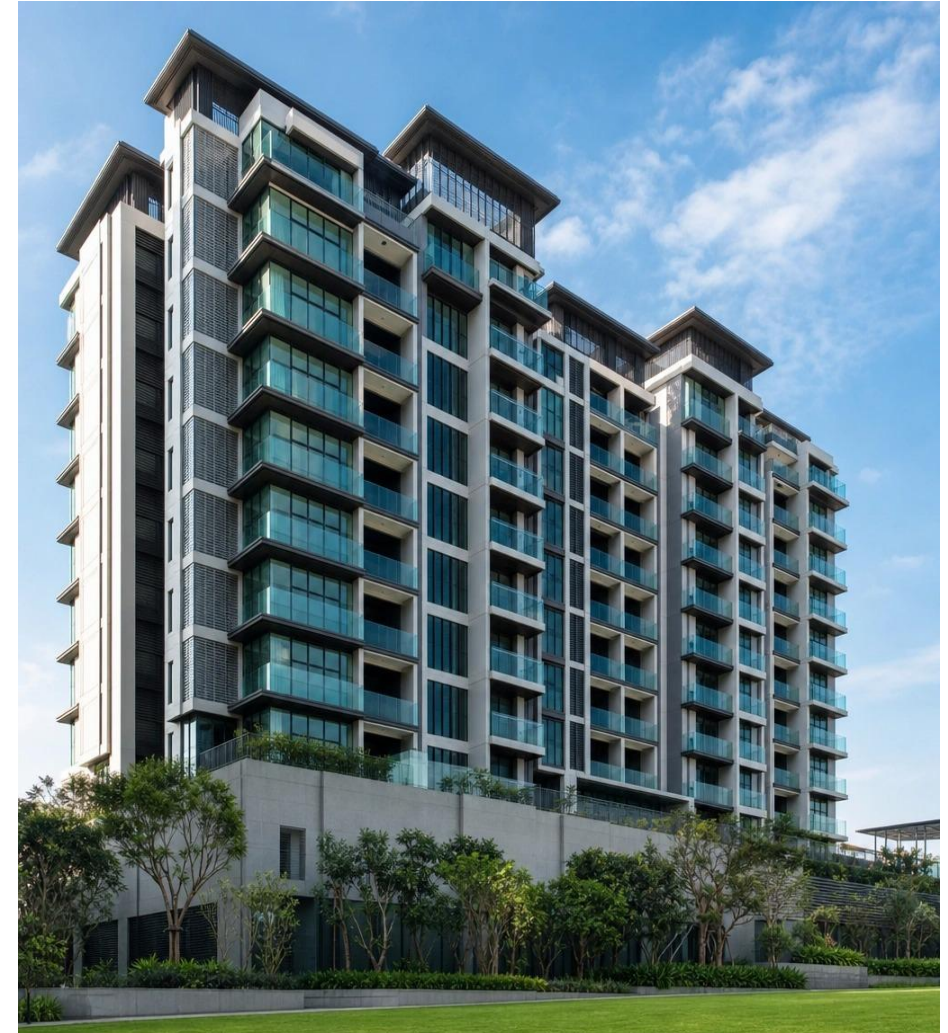
Case Study: High Scorer

Project: Stratified Residential (Category B)

Final QCLASSIC Score: 85%

SUCCESS FACTORS:

- 0% Tile Hollows through 100% internal tapping audit prior to CIDB visit.
- Wall verticality maintained within 2mm tolerance.
- Documented 100% completion 14 days before assessment date.



Closing & Next Steps

Ensure your site team registers for Assessor Level 1 & 2 Technical training at QLASSIC Academy. Let's aim for 'Do It Right First Time'.