

QLASSIC Awareness for Construction Employees

A Guide to Quality Assessment System in Construction (CIS
7:2021)

What is QLASSIC?

QLASSIC stands for Quality Assessment System in Construction. It is an independent evaluation method developed by CIDB Malaysia to measure and evaluate the workmanship quality of building construction work.

CIS 7:2021

The system is standardized under the Construction Industry Standard (CIS 7:2021), providing a unified framework for all for all projects in Malaysia.

The Objective of QLASSIC

The purpose is to provide a national standard for assessing workmanship quality. It ensures that construction projects meet an objective benchmark and encourages a culture of quality across the industry.

Right the First Time

Assessments are performed only once on the first-time finish. Rectified works are not re-scored to ensure quality is built-in from the start.

Scope of Assessment

Core Components

- Structural Works
- Architectural Works
- M&E Works
- External Works

Weightage Ratio

The final score is a weighted average across these elements, ensuring each critical aspect of the building's integrity and finish is accounted for.

Assessment Method

CIDB-trained assessors conduct physical inspections and field tests on-site. Assessments are based on a statistically selected sample of building units to represent the overall project quality.



Structural Works Assessment

Reinforced Concrete Structures: Inspection of formwork, steel reinforcement, and finished concrete surfaces.

Structural Steelwork: Assessment of welding, bolting, and alignment of steel frames and trusses.

Architectural Works Assessment

Internal Finishes: Evaluation of floors, walls, and ceilings for evenness, joint consistency, and alignment.

External Finishes & Components: Inspection of external walls, doors, windows, and perimeter works.
perimeter works.

M&E Works Assessment

Visual Inspection: Quality of basic fittings including switches, light points, and electrical outlets.

Functional Tests: Testing of sanitary fixtures, plumbing lines, and drainage for leaks and flow.
flow.

The **QLASSIC** Scoring System

0–100

POINTS SCALE

Quality is measured on a scale of 0 to 100 points. The final score is derived from weighted element scores across all inspected categories, providing a single metric for workmanship quality.

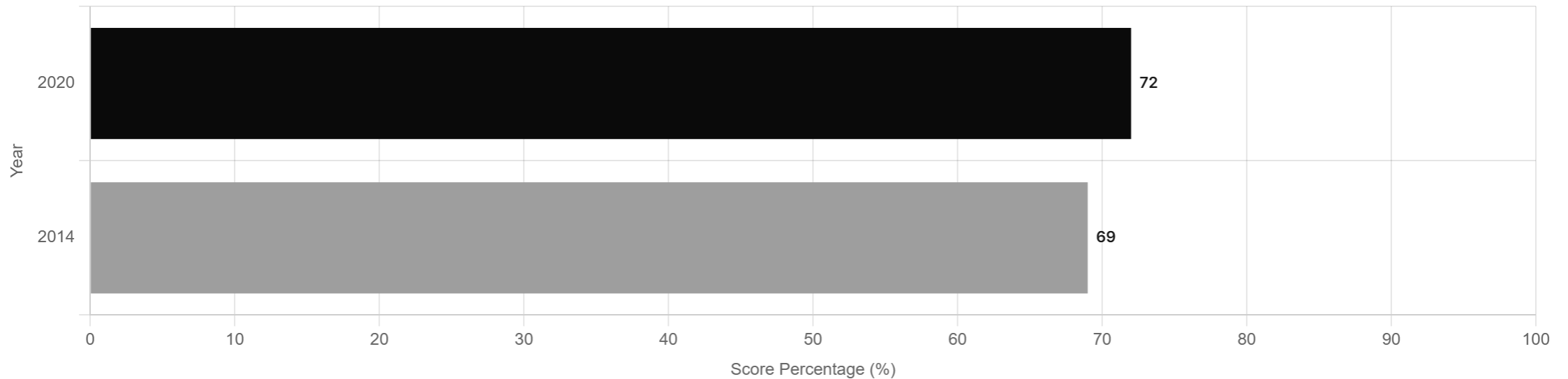
CONFORMANCE THRESHOLD

70 Points is the National Benchmark

A score of 70% signifies compliance with established national workmanship standards for building construction in Malaysia.

National Quality Trends

Malaysia has seen a steady rise in average national QCLASSIC scores, reflecting improved industry commitment to CIS 7:2021 standards.



Excellence in Every Finish

Quality is everyone's responsibility on the construction site.