

17 December 2025

To : All Authorized Persons
Registered Structural Engineers
Registered Geotechnical Engineers
Registered Inspectors
Registered General Building Contractors
Registered Specialist Contractors
Registered Minor Works Contractors

Dear Sir/Madam,

Adoption of Standardised Material Test Reports

To enhance the efficiency and data accuracy for compliance check of test results, the Geotechnical Engineering Office of the Civil Engineering and Development Department has developed a web-based pilot system called SmartCheck, which was launched in December 2025. This system processes standardised material test reports with an encoded digital signature, along with a QR code, automatically.

2. SmartCheck initially focuses on several laboratory tests, including tests for the compressive strength of concrete cubes and cores, and tests for steel reinforcing bars. Through decoding the QR code on the standardised material test reports, the system can automatically verify test results against the acceptance criteria in the compliance verification process. This improvement enhances workflow efficiency and ensures data integrity.

3. We encourage all stakeholders to submit standardised material test reports with digital signatures to promote a more efficient, transparent, and streamlined construction industry.

Yours faithfully,



(LAI Ho-cheong)
Assistant Director/New Buildings 2
for Director of Buildings

c.c. Geotechnical Engineering Office
The Real Estate Developers Association of Hong Kong