

## SCCT Technical Note No. 2

### **Validity Period of Approved Designed Concrete Mixes and Historical Concrete Cube Test Results**

1. In assessing the designed concrete mix proposed by the Contractor under public works projects, the Engineer may request the Public Works Central Laboratory (PWCL) to provide the past 12-month historical concrete cube test results of any concrete mix with a MIX ID previously assigned by PWCL. If such test results are not available in the PWCL, the Engineer may require trial mixes to be conducted on the proposed concrete mix in accordance with the contract provisions. For the projects administrated by Housing Department, if a designed concrete mix has not been used for concrete production in the past 12 months, another trial mix is required to be carried out.
2. Notwithstanding the above, the SCCT considers that if a batching plant is continually producing concrete under the “Quality Scheme for the Production and Supply of Concrete” (QSPSC) administered by Hong Kong Quality Assurance Agency (HKQAA), it is reasonable to assume that there have been no adverse changes in its production system. Under such condition, the SCCT considers that the Engineer could request the past 24-month historical concrete cube test results of the concrete mix from the PWCL to assist in assessing the acceptability of using the proposed concrete mix. In other words, the validity period of the approved designed concrete mixes shall be 24 months, provided that the batching plant involved is continually producing concrete under the QSPSC during this period.

[ End ]

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