

Construction Standard CS1:2010 Testing Concrete

The following amendments are made to CS1:2010, Volume 1:

1. SECTION 1, Clause 1.2, p.11 : add after the 1st Paragraph :

“For pre-batched concrete or concrete with volume less than 1 m³, a **Batch** is any quantity of the pan mixed concrete produced on the same day by using the same mixing procedure, the same mixing equipment and the same water content at the same place, with the ingredients covered by the same production number delivered to the site for a specified concrete grade.”

2. SECTION 1, Clause 1.4.2, p.12 : add the following Paragraph :

“For pre-batched concrete or concrete with volume less than 1 m³ as defined in Clause 1.2, the above requirement to disregard the first 0.3 m³ and the last 0.3 m³ before sampling from a mixer for making concrete cube is waived.”

3. SECTION 2, PART I, Clause 2.1.1, p.13 : add the following Paragraph :

“NOTE. The slump test can be used for determination of workability and consistency of concrete with designed slump value within the range > 175 mm and < or equal to 200 mm if the slump test is undertaken by a competent technician. The competent technician shall have qualification such as certified Construction Materials Sampler from the Construction Industry Council, or Certificate in Concrete Technology Level II from the Hong Kong Institute of Vocational Education, or equivalent.”

**The Standing Committee on Concrete Technology
Development Bureau
The Government of the Hong Kong Special Administrative Region
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