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Dear Sir/Madam

**SS EN 13791 – THE NEW STANDARD FOR THE ASSESSMENT OF IN-SITU COMPRESSIVE STRENGTH IN STRUCTURES AND PRECAST CONCRETE COMPONENTS**

A reliable code-based approach in the assessment of in-situ concrete strength is crucial especially for major addition and alteration works of existing structures that are expected to support additional loads and in cases where test cube results do not meet the design characteristic strength during construction.

2 Qualified Persons for structural works (QPs) can now refer to the new Standard SS EN 13791:2009<sup>a</sup> that provides guidance on the methodologies for assessing the characteristic in-situ compressive strength of concrete in structures. This standard has been adapted from BS EN 13791 and is now available as a local standard. QPs and builders should therefore use these new standards when assessing in-situ concrete strength in existing structures and those under construction.

3 I would appreciate it if you could bring to the attention of your members the contents of this circular. Please contact Mr Lung Hian Hao at Tel: 6325 2090 or e-mail: [lung\\_hian\\_hao@bca.gov.sg](mailto:lung_hian_hao@bca.gov.sg) if you need further clarification.

Thank you.

Yours faithfully



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<sup>a</sup> SS EN 13791:2009 standard ([Assessment of in-situ compressive strength in structures and precast concrete components](#)) with its complementary guidance standard BS 6089:2010 shall be used in the assessment of in-situ concrete strength in structures

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