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See **Distribution**

Dear Sir/Madam

IMPLEMENTATION OF STRUCTURAL EUROCODES FROM 1 APR 2015

Objective

This circular is to remind the industry on the implementation of Eurocodes for structural design (Structural Eurocodes) with effect from 1 Apr 2015.

Background

2 The process of migration from Singapore Standards/British Standards (SS/BS) to Structural Eurocodes began as early as Oct 2006 when we informed the industry of the planned withdrawal of BS by British Standards Institution UK and adoption of Structural Eurocodes. Subsequently, numerous seminars, courses, workshops were conducted by BCA, including those conducted by professional institutions¹ and local universities. Local universities had also introduced Structural Eurocodes design in their civil engineering curriculum since 2011 and new graduates would now be conversant with design to Structural Eurocodes.

3 In our circular dated 25 Mar 2013, we informed the industry that the implementation of the Structural Eurocodes (SS EN/BS EN) would commence on 1 Apr 2013. We also notified the industry that a two-year co-existence period would be in place where either the current SS/BS or the SS EN/BS EN is accepted for structural plans submissions.

4 During this 2-year co-existence period, a number of government agencies such as JTC, LTA, PA had been specifying the use of the Structural Eurocodes and

¹ The professional institutions which are involved are Association of Consulting Engineers Singapore, the Institution of Engineers Singapore, the Geotechnical Society of Singapore and the Singapore Structural Steel Society.

an increasing number of consultants are also using Structural Eurocodes in their plan submissions.

5 This co-existence period will end on 1 Apr 2015. Hence, from 1 Apr 2015, the SS EN/BS EN will be the only prescribed structural design standards to be used for plans submissions and the currently prescribed SS/BS would be withdrawn from the Approved Document.

SS EN/BS EN as the only prescribed structural design standards after 1 Apr 2015

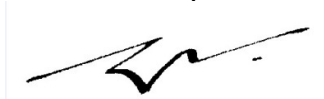
6 We would like to remind industry practitioners on the use of Structural Eurocodes with effect from 1 Apr 2015, which will be applicable to projects where the first structural plans are submitted on or after 1 Apr 2015. On-going projects of which structural plans had been approved using SS/BS shall continue using SS/BS as the basis of design for the rest of the structural submissions of these projects.

7 Over the next 6 months during this changeover period, to cater to special cases where the structural design has been completed in SS/BS but structural plan submission is delayed because of planning permission, the QP may consult BCA on the applicable standards.

8 For your information, the BCA Academy (BCAA) will continue to offer training courses on Structural Eurocodes to meet to market demand. Besides BCAA, professional institutions and local universities are also organising similar courses on the use of the Structural Eurocodes. Some upcoming courses on Structural Eurocodes are listed in Annex A. Hence, we advise industry practitioners, especially professional engineers, to make the effort to attend these briefing sessions and training courses in order to be ready for the use of Structural Eurocodes if they have not done so.

8 If you need further clarification on this matter, you may contact Er. Michael Sien at Tel: 68044651, or email: michael_sien@bca.gov.sg.

Yours faithfully



CLEMENT TSENG
DIRECTOR, BUILDING ENGINEERING GROUP
for COMMISSIONER OF BUILDING CONTROL

Annex A

21 Mar 2015	1-day course on design using Eurocode 0 and 1	ACES
24 Mar 2015	5-Evening Workshop on Geotechnical Design using Eurocode 7	BCAA
Mar 2015 (Indicative)	Eurocode 3 - 2-day course on design steel building using Eurocode 3	BCAA
19 Mar 2015	1-day Course on Seismic Design with EC8	IES/IStructE Joint Committee
17 Apr 2015	2-Day Course on Advanced Concrete Design using Eurocode 2	BCAA/NTU
18 Apr 2015	1-day Course on Eurocode 7: Geotechnical design, investigation and testing	ACES
22 Apr 2015	Seismic Design of Buildings to Eurocode 8	BCAA
Apr 2015 (Indicative)	Eurocode 4 - 2-day course on design of steel -concrete composite buildings using Eurocode 4	BCAA
May 2015 (Indicative)	Eurocode 3 - 1-day course on design of bolted and welded joints in steel building using Eurocode 3	BCAA
8 & 11 May 2015 (indicative)	2 day Workshop Design of Concrete Structures - Eurocodes versus British Standards (re-run)	BCAA/NTU
June 2015 (indicative)	2-day course on Eurocode 2	ACES
4 & 11 Jul 2015	2-day course on Eurocode 3: Design of steel structures and connections	ACES
23-24 Jul 2015	2-day course on Design of Steel Structures to EN1993-1-1 and EN1993-1-8	NTU

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