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28 Feb 2014

To: Recipients of BEEO Technical Circulars

Dear Sir/Madam,

The Buildings Energy Efficiency Ordinance (Cap 610)
Technical Circular No.1/2014
Launch of Addendum No. BEC01 to BEC 2012, and
Addendum No. TG-BEC01 to TG-BEC 2012

Purpose

This Technical Circular supplements the Gazette Notice issued on 28 Feb 2014 regarding the launch of the “Addendum No. BEC01 to the Code of Practice for Energy Efficiency of Building Services Installation, 2012 Edition (BEC 2012 in short)”, and launches as a supplement to the above addendum the “Addendum No. TG-BEC01 to the Technical Guidelines on Code of Practice for Energy Efficiency of Building Services Installation, 2012 Edition (TG-BEC 2012 in short)”. The addenda have been uploaded to the web-site of the Ordinance (<http://www.beeo.emsd.gov.hk>).

Effective Date

2. This Circular takes effect on the dates specified in paragraphs 5 and 6 below.

Effect on Existing Circular

3. There is no effect on existing circulars.

Background

4. For enhancement of the energy efficiency standards of the lighting installation with reference to the lighting power density (LPD) standards overseas and the LPD

data collected from the submissions under the Ordinance, the LPD standards in the BEC 2012 are tightened after consultation with the trade. The revised LPD standards are given in the revised Table 5.4 in the Addendum No. BEC01 to the BEC 2012 as "Rev. 1". To suit the launch of the revised LPD standards, the Addendum No. TG-BEC01 to the TG-BEC 2012 is also issued correspondingly.

Effective Date in respect of Stage One Declaration

5. The revised LPD standards (Rev. 1) take effect on 28 August 2014 in respect of issue of Stage One Declaration by the developer under the Ordinance. In other words, the revised LPD standards (Rev. 1) apply to the lighting installation covered in a Stage One Declaration signed by the developer on or after 28 August 2014.

Effective Date in respect of Form of Compliance

6. The revised LPD standards (Rev. 1) take effect on 28 November 2014 in respect of issue of Form of Compliance (FOC) by the Registered Energy Assessor under the Ordinance. In other words, the revised LPD standards (Rev. 1) apply to the lighting installation covered in a FOC signed by the Registered Energy Assessor on or after 28 November 2014.

Original LPD Standards

7. The original LPD standards are shown in the revised Table 5.4 in the Addendum No. BEC01 to the BEC 2012 as "Initial version". Both the original LPD standards (Initial version) and the revised LPD standards (Rev. 1) are acceptable in the Stage One Declaration and FOC issued before the effective dates specified in paragraphs 5 and 6 above. The original LPD standards (Initial version) will not be acceptable on or after the aforesaid effective dates unless exemption from the revised LPD standards (Rev. 1) is granted by the Director of Electrical and Mechanical Services pursuant to sections 15 or 20 of the Ordinance.

Edition of BEC

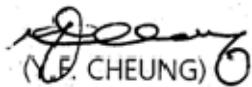
8. The BEC 2012 (Rev. 1) with the Addendum No. BEC01 incorporated and the TG-BEC 2012 (Rev. 1) with the Addendum No. TG-BEC01 incorporated have been uploaded to the web-site of the Ordinance (<http://www.beeo.emsd.gov.hk>).

9. The edition of the BEC in a relevant standard form (Form EE1, EE2, EE3 and EE4 etc.) under the Ordinance for issuance on or after the corresponding effective date specified in paragraphs 5 and 6 above must be inputted as "2012 (Rev. 1)". For

issuance before the aforesaid corresponding effective date, the edition of the BEC should be inputted as –

- (i) “2012 (Rev. 1)” if the revised LPD standards (Rev. 1) are adopted, or
- (ii) “2012” simply if the original LPD standards (Initial version) are adopted.

Yours faithfully,



(N.F. CHEUNG)

for Director of Electrical and Mechanical Services