

Your Ref 來函檔號:  
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5 March 2010

Chartered Institute of Housing, Asian Pacific Branch  
Room 2709-11, Shui On Centre  
6-8 Harbour Road  
Wan Chai, Hong Kong

(Attn : Mr. Poon Yuen Fong, Sanford  
Chairman)

Dear Mr. Poon,

### **Control of LED Lighting Equipment**

With increasing use of LED lighting, we would like to bring to your attention of the potential harmful interference that may be caused by LED lighting equipment to lawful radio communications users, such as the FM radio broadcasting service.

The Telecommunications (Control of Interference) Regulations (Cap 106B) sets out the control limits for radio disturbances of certain classes of non-telecommunications apparatus (including LED lighting equipment), which are generally based on the international standards such as the standards published by the International Special Committee on Radio Interference (CISPR). For LED lights, the relevant limits are specified in the CISPR document entitled "IEC CISPR 15 Limits and Methods of Measurement of Radio Disturbance Characteristics of Electrical Lighting and Similar Equipment". Copy of the latest CISPR 15 standard (edition 7.2) can be purchased online from <http://webstore.iec.ch/webstore/webstore.nsf/artnum/042471>.

As far as CISPR standards and their equivalences are concerned, we are taking steps to update the law to bring the relevant provisions for control of interference in line with international standard. We anticipate that any discrepancy between CISPR standards and Cap. 106B would be resolved soon.

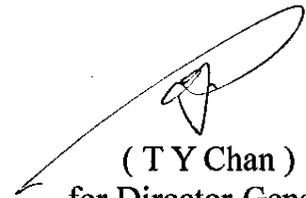
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To ensure that the radio disturbances emitted from such lighting equipment will not cause harmful interference to other lawful radio communications users, it would be essential to make sure that the design, installation and operation of LED equipment under the responsibility of your members will meet the requirements specified in the Telecommunications (Control of Interference) Regulations (Cap. 106B) of the Law of Hong Kong and international standards such as CISPR 15 or its equivalence<sup>1</sup>.

Your assistance to pass on this message to your members for their reference and onward transmission to their contractors, project managers and consultants who are involved in LED lighting projects will be highly appreciated. If there are any further questions or you need further clarifications on this issue, please feel free to contact me or my colleague, Mr. C H Chan at 2961 6718 (email: [chchan@ofta.gov.hk](mailto:chchan@ofta.gov.hk)).

Thank you for your attention.

Yours sincerely,



( T Y Chan )  
for Director-General  
of Telecommunications

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<sup>1</sup> LED lighting equipment fully complies with the European standard EN 55015 is considered to be in full compliance with CISPR 15.