

**Your Ref :**

**Our Ref:** CD/FSSD/12/02/03/01

**Date :** 21 November 2017

Registrar, Board of Architects  
Registrar, Professional Engineers Board  
President, Singapore Institute of Architects  
President, Institution of Engineers, Singapore  
President, Association of Consulting Engineers, Singapore

Dear Sir/Mdm

## **TECHNICAL REQUIREMENTS FOR HOUSEHOLD SHELTERS 2017**

As part of our continuous review process, SCDF and BCA jointly completed reviewing the Technical Requirements for Household Shelter (TR HS) in October 2017. The review covered all chapters of the TR HS with the aim to ensure that the TR HS are relevant and provide greater design flexibility to building industry.

2. Among others, the new edition of TR HS 2017 incorporates the permissible variations that have been allowed since the issuance of TR HS 2012 (e.g. precast HS, shielding walls in-lieu of setback distance, gas/water risers and RC refuse chutes within setback envelope, etc.), align the structural design requirements to Eurocode standard and provide new initiatives for greater design efficiency and flexibility (e.g. thinner precast reinforced concrete shielding wall, HS located around internal staircase, etc.)

3. The TR HS 2017 edition will be published in SCDF's website (refer to the web-link below) and shall take effect on 1 June 2018. However, developers and QPs may incorporate the provisions in the TR HS 2017 with immediate effect if they choose to do so.

[https://www.scdf.gov.sg/content/scdf\\_internet/en/cd-shelter/acts-and-requirements.html](https://www.scdf.gov.sg/content/scdf_internet/en/cd-shelter/acts-and-requirements.html)



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4. Please convey the contents of this circular to members of your Institution/Association/ Board. The circular is also available in CORENET-e-Info: <http://www.corenet.gov.sg/einfo>. For any inquiry or clarification, please contact the undersigned at 6848 1478.

Yours faithfully,

(transmitted via e-mail)

MAJ Andy Tan  
Fire Safety & Shelter Department  
*for* Commissioner  
Singapore Civil Defence Force

cc

CEO, BCA  
CEO, URA  
CEO, HDB  
President, IFE  
President, SISV  
SCDF Fire Safety Standing Committee  
Fire Code Review Committee  
Shelter Codes Review Committee



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