

**SINGAPORE CIVIL DEFENCE FORCE  
FIRE SAFETY & SHELTER DEPARTMENT  
HQ SCDF, 91 Ubi Ave 4 Singapore 408827 Fax: 68481493  
Website: [http://: www.scdf.gov.sg](http://www.scdf.gov.sg)**



*Please quote our ref. no. in all future correspondences*

**Our File Ref: CD/FSSB/12/01/03/04**

**DID: 68481478  
FAX: 68481493**

**15 August 2012**

President, Singapore Institute of Architects (SIA)  
President, Institution of Engineers, Singapore (IES)  
President, Association of Consulting Engineers, Singapore (ACES)  
President, Real Estates Development Association of Singapore (REDAS)  
Registrar, Board of Architects (BOA)  
Registrar, Professional Engineers Board (PEB)

Dear Sir/Mdm,

**TECHNICAL REQUIREMENTS FOR HOUSEHOLD SHELTERS 2012**

SCDF and BCA have reviewed the Technical Requirements For Household Shelters (HS). The review covered aspects relating to the planning, design, construction and commissioning of HS. Amongst others, the updated "Technical Requirements For Household Shelters 2012" includes revised requirements on setback distances, refinement in the setback distance envelope, revised clear height for wall thickness and reinforcement requirement, allowance of RC refuse chute, lift core and service duct (riser) within the setback distance envelope, additional illustrations on shielded and unshielded columns, slabs, transfer structures, use of steel mesh for wall and slab, additional details on shelter door and ventilation sleeve.

2 The updated "Technical Requirements For Household Shelters 2012" is available in the SCDF website and published via CORENET, and shall take immediate effect.

3 We would appreciate it if you could disseminate the contents of this circular to members of your Institution or Association.

4 Please contact undersigned at 68481478 should you require further clarifications.

Yours faithfully,

MAJ ANG GUAN HOCK  
SSO SHELTER DEVELOPMENT  
FOR COMMISSIONER, SINGAPORE CIVIL DEFENCE FORCE

cc

All members of FSSD Standing Committee

President, REDAS

President, IFE

President, SISV

CEO, BCA

Attn: Deputy CEO (Building Control)

Group Director (Special Functions)

Director (CDSED)

Principal Engineer (CDSED)

CEO, URA

CEO, HDB