

Your Ref :

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

Date : 8 November 2016

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

USE OF VENTILATION SLEEVE OPENING IN STAIRCASE STOREY SHELTER FOR TESTING OF STAIRCASE PRESSURISATION SYSTEM

Recently, SCDF has received consultations and waiver applications to permit the use of the ventilation sleeve (VS) opening in the staircase storey shelter for the testing of the pressurisation system to meet fire safety requirement. This involves the penetration of pressure tubing through the ventilation sleeve (VS) opening of staircase storey shelter. Prior to January 2015, SCDF has approved waiver applications on a case-to-case basis but this method has a downstream impact on the MCSTs/ owners during conversion of the staircase SS from its peacetime mode to shelter mode in a National Emergency.

2. Clause 6.3 of the Technical Requirements for Storey Shelters (SSTR) 2015 states that all VS openings shall be closed i.e. the VS fragmentation plate to be in the “Closed” position. To facilitate the testing of the staircase pressurisation system in peacetime, the use of pressure tube through the VS opening is allowed. However, upon the completion of the test, the VS opening must be closed back immediately by the VS fragmentation plate.



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3. This circular shall take immediate effect from the date of issuance.
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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