

**SINGAPORE CIVIL DEFENCE FORCE
FIRE SAFETY & SHELTER BUREAU**

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Please quote our ref. no. in all future correspondences

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

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23 Oct 2002

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

Dear Sirs

NEW LABELLING FOR DRY RISERS AND SPRINKLER CONTROL VALVES

As required under the CP 29 : 1998 (Fire Hydrant Systems and Hose Reels), for buildings containing more than one dry riser breeching inlets, every landing valve and breeching inlet shall be labelled correspondingly. For example, labelling of landing valves and breeching inlets of a building containing 3 stacks of dry rising mains is as follows :

Landing Valves

DR 1
DR 2
DR 3

Breeching Inlets

DRY RISER INLET 1
DRY RISER INLET 2
DRY RISER INLET 3

2 Similarly, for the identification of control valves of sprinkler system, it is also required to be labelled under the CP 52 (Automatic Fire Sprinkler Systems). For example, labelling of sprinkler system containing 3 number of control valves is as follows :

Control Valve No 1- CV1
Control Valve No 2 – CV2
Control Valve No 3- CV3



A PROUD MEMBER OF THE HOME TEAM

3 The current labelling system for dry rising mains and sprinkler control valves does not indicate the total number of dry riser stacks and control valves provided in the building. In our continued effort to enhance the effectiveness of fire safety inspections by QPs, RIs, FSMs and FSSB inspectors, and to facilitate faster and more accurate identification of the breeching inlets by fire fighters during fire operations, we have reviewed the labelling system.

4 The new labelling system was tabled at the FSSB Standing Committee for discussion on 16 September 2002 and was accepted by the Committee. The new format of labelling system is given in the attached Annex A for your easy reference. The new requirement will be implemented with effect from 15 Nov 2002 for all new building projects. Please convey the contents of this circular to members of your Institution/ Association/Board. You may reproduce Annex A for distribution to your members. The circular is also available in CORENET-einfo: <http://www.corenet.gov.sg/einfo>.

5 For inquiry or clarification, please contact Mr Jee Yoke Choon
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Yours faithfully

(Transmitted via e-mail)

Teo Lim Teck
Secretary, FSSB Standing Committee
For Commissioner
Singapore Civil Defence Force

cc

CEO, BCA
All members of FSSB Standing Committee
President, REDAS
President, IFE
President, SISV
CEO, HDB
Group President, PSA Corp
CEO, JTC
CE, LTA (Attn: Mr. Mohinder Singh)
CE, PSB Corp (Attn : Mr. Lau Keong Ong / Ms Tan Chiew Wan)



NEW LABELLING FORMAT FOR DRY RISER LANDING VALVES AND BREECHING INLETS

EXAMPLE: Building Containing 4 Stacks Of Dry Riser Mains

	<i>New Labelling Format</i>	<i>Remarks</i>
<i>Landing Valves</i>	DR 1-4	The first number (1, 2, 3,4) indicates the stack of landing valve.
	DR 2-4	
	DR 3-4	The last number (4) indicates the total number of stacks of the dry riser mains .
	DR 4-4	
<i>Breeching Inlets</i>	DR INLET 1-4	The first number (1, 2, 3,4) indicates the breeching inlet.
	DR INLET 2-4	
	DR INLET 3-4	The last number (4) indicates the total number of breeching inlets.
	DR INLET 2-4	

NEW LABELLING FORMAT FOR SPRINKLER CONTROL VALVES

EXAMPLE: Sprinkler System Containing 4 Control Valves

	New Labelling Format	Remarks
Sprinkler Control Valves	CV 1-4	The first number (1, 2, 3,4) indicates the control valve.
	CV 2-4	The last number (4) indicates the total number of control valves.
	CV 3-4	
	CV 4-4	