

SINGAPORE STANDARD

**Code of practice for **the** use and maintenance of  
portable fire extinguishers**

*(Formerly CP-55)*

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*The Institution of Engineers, Singapore*  
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~~*TÜV SÜD*~~ *TUV SUD PSB Pte Ltd*

## Contents

	Page
Foreword_	7
<b>CLAUSES</b>	
<del>4</del>	<del>Section One – General</del>
<del>4.1</del>	<del>Scope and purpose</del> <span style="float: right;">8</span>
<del>4.2</del>	<del>Normative references</del> <span style="float: right;">8</span>
<del>4.3</del>	<del>Definitions</del> <del>Terms and definitions</del> <span style="float: right;">8</span>
<del>4.4</del>	<del>Designation of classes of fires</del> <span style="float: right;">11</span>
<del>4.5</del>	<del>Classification and ratings</del> <del>rating of fire extinguishers</del> <span style="float: right;">11</span>
<del>4.6</del>	<del>Classification of occupancy hazards</del> <span style="float: right;">12</span>
<del>4.7</del>	<del>General requirements</del> <span style="float: right;">12</span>
<del>2 8</del>	<del>Section Two—Selection of extinguishers</del> <span style="float: right;">13</span>
<del>2.1</del>	<del>General requirements</del> <span style="float: right;">13</span>
<del>2.2</del>	<del>Selection by hazards</del> <span style="float: right;">13</span>
<del>3 9</del>	<del>Section Three—Distribution of extinguishers</del> <span style="float: right;">16</span>
<del>3.1</del>	<del>General requirements</del> <span style="float: right;">15</span>
<del>3.2</del>	<del>Fire extinguisher size and placement for Class A hazards</del> <span style="float: right;">16</span>
<del>3.3</del>	<del>Fire extinguisher size and placement for Class B fires (excluding fires in flammable liquids of appreciable depth)</del> <span style="float: right;">17</span>
<del>3.4</del>	<del>Fire extinguisher size and placement for Class B fires in flammable liquids of appreciable depth</del> <span style="float: right;">17</span>
<del>3.5</del>	<del>Class B fire extinguishers for pressurised flammable liquid fires</del> <span style="float: right;">19</span>
<del>3.6</del>	<del>Fires involving fats and cooking oils</del> <span style="float: right;">19</span>
<del>3.7</del>	<del>Three-dimensional Class B fires</del> <span style="float: right;">19</span>
<del>3.8</del>	<del>Fire extinguisher size and placement for live electrical hazards</del> <span style="float: right;">20</span>
<del>3.9</del>	<del>Fire extinguisher size and placement for Class D hazards</del> <span style="float: right;">20</span>
<del>4 10</del>	<del>Section Four—Inspection, maintenance and recharging</del> <span style="float: right;">24</span>
<del>4.1</del>	<del>General</del> <span style="float: right;">20</span>
<del>4.2</del>	<del>Inspection</del> <span style="float: right;">21</span>
<del>4.3</del>	<del>Maintenance</del> <span style="float: right;">22</span>
<del>4.4</del>	<del>Recharging</del> <span style="float: right;">23</span>
<del>5 11</del>	<del>Section Five—Hydrostatic testing</del> <span style="float: right;">29</span>
<del>5.1</del>	<del>General</del> <span style="float: right;">25</span>
<del>5.2</del>	<del>Frequency</del> <span style="float: right;">25</span>
<del>5.3</del>	<del>Testing pressures</del> <span style="float: right;">26</span>
<del>5.4</del>	<del>Test equipment and procedures</del> <span style="float: right;">26</span>

**Annexes**

A	System of rating extinguishers by fire tests in SS EN 3	27 32
<del>B</del>	<del>Examples in the application of the recommendations for minimum provision of extinguishers</del>	<del>28</del>
<del>C</del>	<del>The practical effectiveness of extinguishers and derivation of Table 2</del>	<del>32</del>
<del>D</del> B	Maintenance procedures	34 33
<del>E</del> C	Features of common types of extinguishers	39 38
D	Service label	41
<del>F</del> E	General safety guidelines for recharging	42
<del>G</del> F	Hydrostatic test – Proof pressure test method	43

**Tables**

1	Provision of foam extinguishers for single open top containers	18
2	Travel distance to extinguishers for different hazards	23
3	Provision of wet Chemical (Class F) extinguishers	24
4	Requirements for recharging gases	29
5	Hydrostatic test interval for extinguishers	30
A.1	Dimensions of Class A test fires	32
B.1	Mechanical parts	33
B.2	Self-expelling type	36
B.3	Gas cartridge type	36
B.4	Stored pressure type	37

		Page
<b>TABLES</b>		
4	<del>Travel distance to extinguishers for different hazards</del>	<del>17</del>
<b>Figures</b>		
2 1	<del>Maximum area of Class B fire (of appreciable depth) for which extinguishers are suitable</del> Grouping of Class B hazards	<del>18</del> 21
C.1	Stored pressure powder extinguisher	38
C.2	Stored pressure mechanical foam extinguisher	38
C.3	<del>Maximum area of Class F fire (cooking oil) for which extinguishers are suitable</del> Stored pressure clean agent extinguisher	<del>20</del> 39
C.4	Stored pressure clean agent extinguisher with fixed nozzle Requirements for recharging gases	<del>24</del> 39
C.5	Cartridge-operated water extinguisher Hydrostatic test interval for extinguishers	<del>25</del> 40
A.4 C.6	Carbon dioxide extinguisher Dimensions of Class A test fires	<del>27</del> 40
B D.1	<del>Tank arrangement in</del> Example 3 of a service label	<del>29</del> 41
C F.1	<del>Dimensions</del> Hydrostatic testing of <del>Class B</del> extinguisher bodies – Proof pressure test <del>fires</del> method	<del>32</del> 44

**FIGURES**

E.1	<del>Stored pressure powder extinguisher</del>	<del>39</del>
E.2	<del>Stored pressure mechanical foam extinguisher</del>	<del>39</del>
E.3	<del>Stored pressure clean agent extinguisher</del>	<del>40</del>
E.4	<del>Stored pressure clean agent extinguisher with fixed nozzle</del>	<del>40</del>
E.5	<del>Cartridge-operated water extinguisher</del>	<del>41</del>
E.6	<del>Carbon dioxide extinguisher</del>	<del>41</del>
G.1	<del>Hydrostatic testing of extinguisher bodies — Proof pressure test method</del>	<del>44</del>



## Foreword

This Singapore Standard was prepared by a Working Group appointed by the Technical Committee on Building Maintenance and Management which is under the purview of the Building and Construction Standards Committee.

The standard is a revision of SS 578 : 2012 'Code of practice for use and maintenance of portable fire extinguishers'. This Code covers the requirements and procedures on the selection, installation, inspection, servicing, maintenance and recharging of portable fire extinguishers used in buildings. It is intended to complement the SS EN 3 series of standards for portable fire extinguishers and provide guidance to persons who need to use and/or maintain portable fire extinguishers.

The main changes made in this revision are as follows:

- ~~(a) — The classification of fires has been updated in line with British and European Standards. It now defines classes of fires according to the materials undergoing combustion.~~
- ~~(b) — The classification of hazards has been updated and quantified.~~
- (a) The definitions have been updated.
- (b) Selection of fire extinguishers for Class A hazards has been simplified to be in line with British and European standards.
- (c) More detailed requirements/recommendations are given for selecting extinguishers for Class B, C, D and F fire hazards.
- ~~(e) — All references to halon gas based extinguishers are removed.~~
- ~~(f) — More examples are given in the Annexes to assist the user in selecting and locating fire extinguishers according to the occupancy.~~

In preparing this standard, reference was made to the following publications:

- (1) BS EN 2 : 1992 Classification of fires
- (2) BS 5306-3 Fire extinguishing installations and equipment on premises  
Part 3 : ~~2009 Code of practice for~~ 2017 Commissioning and maintenance of portable fire extinguishers – Code of practice  
Part 8 : ~~2000~~ 2012 Selection and ~~installation~~ positioning of portable fire extinguishers – Code of practice
- (3) NFPA 10 — ~~2010~~ 2018 Standard for portable fire extinguishers
- (4) ~~SS-EN3~~ EN 3 series ~~Specification for~~ Portable fire extinguishers
- (5) Code of Practice for Fire Precautions in Buildings ~~2007~~ 2018

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