

SS 700:2023
(ICS 97.220.10)

SINGAPORE STANDARD

Code of practice for water safety – Aquatic facilities



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Foreword

This Singapore Standard was prepared by the Working Group on Water Safety in Swimming Pools set up by the Technical Committee on Workplace Safety and Health under the purview of the Safety and Quality Standards Committee.

This Singapore Standard was developed as a result of the review of TR 71:2019 Code of practice for water safety – Aquatic facilities. This standard contains additional information for the handling of shallow water blackouts and prolonged breath-holding for the persons who work at and/or patronise aquatic facilities.

The figures included as examples in this Singapore Standard are collectively contributed by the Working Group members for the sole purpose of illustration. The inclusion of pictures and diagrams does not connote any endorsement of product/services and/or design concepts by the Working Group and Enterprise Singapore.

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2. Kent County Council
 - Sections 1, 2 and 3 of Annex B from Emergency action plan for Headcorn Primary School
3. Royal Life Saving Society Australia
 - Clause 9 from Operations manuals, Guidelines for safe pool operation GO1
 - Clause 16 from Hire of facilities, Guidelines for safe pool operation GO4
4. Sport Singapore
 - Annex A from Preliminary – Major accident report and major/minor incident report
 - Annex G from Safety management’s water safety outreach materials
 - Figure C.1 and Tables C.1 to C.4 from Risk management in sport

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Code of practice for water safety – Aquatic facilities

1 Scope

This standard specifies the general requirements aimed at preventing drowning and injuries at aquatic facilities.

2 Normative references

The following referenced documents are indispensable for the application of this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

SS 556	Code of practice for the design and management of aquatic facilities
SS 586-2	Specification for hazard communication for hazardous chemicals and dangerous goods – Part 2: Globally harmonised system of classification and labelling of chemicals – Singapore's adaptations
SS 681:2022	Code of practice for sport safety

3 Terms and definitions

For the purpose of this Singapore Standard, the following terms and definitions apply.

3.1 Aquatic facility

A man-made body of water used for sport, recreation and/or therapeutic water activities.

3.2 Automated external defibrillator (AED)

A portable electronic device that automatically diagnoses the life-threatening cardiac arrhythmias of ventricular fibrillation and ventricular tachycardia (abnormally rapid heart rate) in a patient and is able to treat them through defibrillation.

Note 1 to entry: Cardiac arrhythmia is a condition in which the heart beats with an irregular or abnormal rhythm.

3.3 Cardiopulmonary resuscitation (CPR)

An emergency procedure that combines chest compressions often with artificial ventilation in an effort to manually preserve intact brain function until further measures are taken to restore spontaneous blood circulation and breathing in a person who is in cardiac arrest.

3.4 Drowning

A process of experiencing respiratory impairment from submersion/immersion in liquid.

Note 1 to entry: Drowning outcomes are classified as death, morbidity and no morbidity.

[SOURCE: World Health Organisation]