

**SS 670 : 2021**  
(ICS 65.150)

**SINGAPORE STANDARD**

# **Specification for good aquaculture practice**



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*Metropolitan Fishery Group Pte Ltd*  
*Ministry of Manpower*  
*National Parks Board*  
*Ngee Ann Polytechnic*  
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*Republic Polytechnic*  
*Rong-Yao Fisheries Pte Ltd*  
*SATS Ltd*  
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*Singapore Food Agency*  
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## Foreword

This Singapore Standard was prepared by the Working Group on Good Aquaculture Practices for Food Fish Farming set up by the Technical Committee on Agritech and Agrifood Production under the purview of FSC.

It is presupposed that in the course of their work, users will comply with all relevant regulatory and statutory requirements. Some examples of relevant regulations and acts are listed in the Bibliography. The Singapore Standards Council and Enterprise Singapore will not be responsible for identifying all of such legal obligations.

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## Specification for good aquaculture practice

### 0 Introduction

**0.1** Singapore is exposed to the volatility of the global food market such as sudden disruptions to transport routes and export in addition to other challenges such as climate change which can affect both food production and supply. To ensure food security, Singapore has set the target of producing 30 % of Singapore's nutritional needs by 2030 (also known as the "30 by 30" goal).

**0.2** This standard is intended to help farmers improve productivity and provide quality assurance through the adoption of farming technologies and best practices, and having trained personnel, thus enhancing market access. It also aims to assist local farms to meet the increasing market/consumers' demand for farm produce to have attributes beyond the basic safety requirements. Retailers' and consumers' preferences are shifting towards sustainable and ethical business practices and consumers are willing to pay a premium for higher quality and sustainably produced products. As such, more organisations are implementing business practices that have low environmental impact, uphold animal welfare, protect public health and have good employment practices and community support.

**0.3** Globally, more farms are adopting international and/or national farming standards as they seek to enhance their access to export markets that demand such increasing consumer requirements. Regionally, Association of Southeast Asian Nations (ASEAN) had developed standards on agricultural best practices such as "Good Aquaculture Practice (ASEAN GAqP) for Food Fish – 2014" ASEAN member states including Singapore are in the midst of aligning their national agri-food standards as part of an ASEAN commitment to realise the ASEAN Economic Community, through the promotion of intra-regional trade of agri-food products by improving food safety and sector competitiveness.

**0.4** This standard aims to address these new market/consumer requirements and to align with the ASEAN GAqP. This allows local farms to demonstrate that they have a robust and competitive quality management system in place for food safety and quality, animal health and welfare, environmental integrity and to cater to socio-economic aspects. Farms applying this standard will be able to enhance the branding of their produce, improve their market access, and gain better acceptance from buyers.

### 1 Scope

This standard provides a set of requirements for a farm management system and includes best practices to ensure the production of high quality and safe produce during all phases of farm operations, including pre-production starting from nursery, production, harvesting and post-harvesting prior to delivery of aquaculture products for both land-based and open water aquaculture, while minimising impact to the environment and upholding the welfare of aquatic animals. It also includes farms using various farming systems such as net/cage farming or closed containment aquaculture systems in fresh or marine water.

This standard applies to open-cage farming, pond farming, closed containment farming systems for fish, crustaceans and molluscs. It covers the following areas of aquaculture farm production:

- (a) Food safety and quality;
- (b) Animal health and welfare;
- (c) Environmental integrity; and
- (d) Socio-economic aspects.

## **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.

Codex CXS 292-2008	Standard for live and raw bivalve molluscs
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