

**SINGAPORE STANDARD**  
**SS 600 : 2008**  
(ICS 01.140.30; 47.020)

**CODE OF PRACTICE FOR**  
**Bunkering**

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(Formerly CP 60 : 2004 and CP 77 : 1999)

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## **Foreword**

This Singapore Standard was prepared by the Technical Committee for Bunkering under the purview of the Chemical Standards Committee. SS 600 : 2008 is the result of the review of CP 60 : 2004 – 'Bunkering by bunker tankers' and CP 77 : 1999 – 'Bunker surveying'. It replaces CP 60 and CP 77.

Both CP 60 and CP 77 were revised concurrently for consistency. SS 600 : 2008, a combination of the requirements of CP 60 and CP 77, is in compliance with Maritime and Port Authority of Singapore (MPA)'s requirements on the collection of the representative samples for a bunkering operation. MPA is the implementing authority of this standard.

Particular changes in the standard include:

- a) continuous enhancement to the technical requirements on sample bottles and security seals to further promote sample bottle security
- b) declaration in the bunker delivery note that the bunker fuels supplied meet the Regulation of MARPOL 73/78 Annex VI, and
- c) standardisation of the bunkering documents such as Bunker Delivery Note, Stock Movement Logbook, etc.

This standard comprises two chapters. Chapter One covers the delivery by bunker tankers which specifies the procedures and requirements for the delivery of bunker by bunker tankers to vessels in the Port of Singapore, including documentation, equipment and verification during a bunkering operation. It covers pre-delivery, actual delivery and post-delivery checks and documentation. This Chapter is based on the second edition of the "Singapore bunkering procedure (for bunkers delivered by bunker barges/tankers to ships)", published by the Singapore Shipping Association (SSA) in association with the Maritime and Port Authority of Singapore (MPA) in 1992. An agreement has been reached with SSA and MPA for the use of information from this publication.

In Chapter Two, the work of bunker surveyors for a bunkering operation by bunker barges / tankers to vessels is specified. It sets out the procedures, and the documentation and equipment requirements for a proper bunker survey.

This standard was developed for the benefit of the ship bunkering industry in Singapore comprising shipowners, operators, charterers, bunker suppliers, bunker craft operators and bunker surveyors.

This standard will ensure that the correct quality and quantity of the bunkers is delivered in a safe and efficient manner.

It aims to achieve zero bunkering disputes. If however, a dispute should arise, this standard should provide the technical basis for the resolution of the dispute through negotiation, conciliation or arbitration.

In cases where arbitration is sought, the Singapore Chamber of Maritime Arbitration (SCMA), Maritime and Port Authority of Singapore (MPA) and Singapore Shipping Association (SSA) have drawn up a "Singapore bunker claims procedure (SBC Terms)" (see Annex R) for the resolution of disputes arising from bunker deliveries (see Annex Q). Shipowners/buyers and bunker suppliers are encouraged to incorporate an arbitration clause into their contract for the supply of bunkers in order to facilitate the settlement of any dispute arising from bunker deliveries (see Annex P).

It is however important to note that this standard does not alter the contractual obligations of shipowners/buyers and bunker suppliers.

In preparing this standard, reference was made to the publications listed in Annex AC.

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. SPRING Singapore shall not be held responsible for identifying any or all of such patent rights.

**NOTE**

1. *Singapore Standards are subject to periodic review to keep abreast of technological changes and new technical developments. The changes in Singapore Standards are documented through the issue of either amendments or revisions.*
2. *Compliance with a Singapore Standard does not exempt users from legal obligations.*

# **Chapter One**

## **Delivery by bunker tankers**

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## Section One – General

### 1.1 Scope

The scope of this Chapter One specifies the procedures and requirements for the delivery of bunker by bunker tankers to vessels in the Port of Singapore, including documentation, equipment and verification during a bunkering operation. It covers pre-delivery, actual delivery and post-delivery checks and documentation.

### 1.2 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.

ASTM D1250	Standard guide for use of the petroleum measurement tables (equivalent to API <i>MPMS</i> Chapter 11.1/Adjunct to IP 200)
	Table 54B – Generalised products, correction of volume to 15°C against density at 15°C
	Table 56 – Kilograms per cubic metre at 15°C and cubic metres at 15°C per metric ton (tonne) versus density at 15°C
ISO 91-1	Petroleum measurement tables – Part 1 : Tables based on reference temperatures of 15°C and 60°F
ISO 2719	Determination of flash point – Pensky-Martens closed cup method
ISO 3104	Petroleum products – Transparent and opaque liquids – Determination of kinematic viscosity and calculation of dynamic viscosity
ISO 3675	Crude petroleum and liquid petroleum products – Laboratory determination of density – Hydrometer method
ISO 3733	Petroleum products and bituminous materials – Determination of water - Distillation method
ISO 8217	Petroleum products – Fuels (Class F) – Specifications of marine fuels
ISO 12185	Crude petroleum and petroleum products – Determination of density – Oscillating u-tube method
IMO Regulations - Annex VI of MARPOL 73/78	Regulations for the prevention of air pollution from ships