



MARITIME AND PORT AUTHORITY OF SINGAPORE

PORT MARINE CIRCULAR

NO. 05 OF 2020

25 Feb 2020

Bunker Suppliers / Bunker Craft Owners and Operators
Harbour Craft Community
Shipping Community

IMPLEMENTATION OF SINGAPORE STANDARD SS 648: 2019 – CODE OF PRACTICE FOR BUNKER MASS FLOW METERING

The Singapore Standard SS 648: 2019 – Code of Practice for Bunker Mass Flow Metering was launched on 7 November 2019 (“SS 648: 2019”). SS 648: 2019 is a revision of TR 48: 2015 – Technical Reference for Bunker Mass Flow Metering which was implemented on 1 June 2016 by the Maritime and Port Authority of Singapore (MPA) for the custody transfer of bunker deliveries via the mass flow metering (MFM) system to ocean-going ships in the Port of Singapore.

2 TR 48: 2015 was reviewed and developed into SS 648: 2019, taking into account the operational and technical experience gained by the bunkering industry on the use of the MFM. Under the coordination of the Singapore Standards Council, the review was jointly conducted by MPA, Singapore Shipping Association (SSA), International Bunker Industry Association (IBIA), bunker suppliers, bunker craft operators, bunker surveying firms, meter vendors, National Metrology Centre and Enterprise Singapore’s Weights and Measures Office.

Transition from TR 48: 2015 to SS 648: 2019

3 SS 648: 2019 includes new requirements for multi-meter installation, enhancement of the zero verification procedure and clarity on the role of bunker surveyors. Starting from **1 May 2020**, MPA will mandate SS 648: 2019 for the custody transfer of bunker deliveries to ocean-going ships in the Port of Singapore. The existing bunkering standards, TR 48: 2015, will cease to apply by **end November 2020**.

Purchase of SS 648: 2019

4 SS 648: 2019 can be purchased from:

Toppan Leefung Pte Ltd

1 Kim Seng Promenade #18-01
Great World City East Tower
Singapore 237994

Tel: (65) 6826 9691

Email: singaporestandardseshop@toppanleefung.com

Website: www.singaporestandardseshop.sg

Training Courses

5 As part of MPA's ongoing efforts to enhance bunker cargo officers' and bunker surveyors' professionalism and competency, MPA has worked with SSA and IBIA to develop refresher courses to cover technical knowledge of MFM bunker operations and raise awareness on the SS 648: 2019. All in-service bunker cargo officers and bunker surveyors are required to attend the refresher course conducted by either SSA or IBIA.

6 Information on the courses can be obtained from:

Singapore Shipping Association Website: www.ssa.org.sg Tel: 6305 2260 Fax: 6222 5527	International bunker Industry Association Website: www.ibia.net Tel: 6427 0916 Fax: 6472 0919
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7 The courses are now open for registration. All relevant individuals and companies are reminded to obtain the necessary certification as soon as possible.

8 If you have further queries, please email bsd@mpa.gov.sg.

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SENIOR DIRECTOR (OPERATIONS AND MARINE SERVICES)
MARITIME AND PORT AUTHORITY OF SINGAPORE