



MARITIME AND PORT AUTHORITY OF SINGAPORE

PORT MARINE CIRCULAR

NO.04 of 2016

03 March 2016

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

**IMPLEMENTATION OF TECHNICAL REFERENCE FOR BUNKER MASS FLOW METERING (TR 48: 2015)**

The Technical Reference for Bunker Mass Flow Metering (TR 48:2015) was launched on 16 February 2016 in support of the mandatory use of the mass flow metering (MFM) system for marine fuel oil (MFO) deliveries in Singapore with effect from 1 January 2017.

2 It was jointly developed by the Singapore Shipping Association (SSA), International Bunker Industry Association (IBIA), bunker suppliers, bunker craft operators, bunker surveying firms, meter vendors, National Metrology Centre, SPRING Singapore's Weights and Measures Office and the Maritime and Port Authority of Singapore (MPA). The TR 48:2015 covers the set of core requirements for metering system qualification, installation, testing, procedures and documentation for MFO deliveries via the MFM system in the Port of Singapore.

Implementation Date

3 From **1 June 2016**, all bunker suppliers, bunker craft operators and bunker surveyors are required to comply with the requirements and procedures of TR 48:2015 for all MFO deliveries via the MFM system in the Port of Singapore.

## Purchase of TR48:2015

4 The Technical Reference can be purchased from Toppan Leefung Pte Ltd, who manages the sale of standards on behalf of SPRING Singapore. Details are listed below:

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](mailto:singaporestandardseshop@toppanleefung.com)

Website: [www.singaporestandardseshop.sg](http://www.singaporestandardseshop.sg)

## Training Courses

5 As part of MPA's ongoing efforts to enhance the bunker cargo officers and bunker surveyors' professionalism and competency, MPA worked with SSA and IBIA to develop refresher courses for them. The courses aim to raise the technical knowledge on the MFM bunker operations, including creating greater awareness for personal safety and professionalism among frontline bunkering officers.

6 MPA will be mandating all in-service bunker cargo officers and bunker surveyors to attend the courses as part of the Terms and Conditions of the Bunkering Licence (Bunker Craft Operator) and Bunker Surveyor Licence.

7 Information on the courses could be obtained from SSA and IBIA. We have listed the contact details for your reference.

Singapore Shipping Association Website: <a href="http://www.ssa.org.sg">www.ssa.org.sg</a> Tel: 6305 2260 Fax: 6222 5527	International Bunker Industry Association Website: <a href="http://www.ibia.net">www.ibia.net</a> Tel: 6427 0916 Fax: 6472 0919
---	--

8 Please contact Mr Jackson Koh at tel. no. 6325 2308 or email to [Jackson\\_KOH@mpa.gov.sg](mailto:Jackson_KOH@mpa.gov.sg) for any clarification needed on this circular.

DR PARRY OEI  
DIRECTOR (PORT SERVICES) / CHIEF HYDROGRAPHER  
MARITIME AND PORT AUTHORITY OF SINGAPORE