



JOINT MEDIA RELEASE

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New Bunkering Standards Enhance Fuel Quality Assurance for a Multi-Fuel Future

The Maritime and Port Authority of Singapore (MPA) and Enterprise Singapore, through the Singapore Standards Council (SSC), launched a new Singapore Standard (SS) and two Technical References (TRs) today covering ammonia bunkering, bunker fuel sampling, and testing for polymers in residual based marine fuels. Announced at the Singapore International Bunkering Conference and Exhibition (SIBCON) 2026, the new standards will strengthen safety, consistency and fuel quality assurance for the bunkering industry as Singapore develops its capabilities for a multi-fuel future.

Technical Reference (TR) 148:2026 – Advancing Ammonia Bunkering Operations

2. With ammonia emerging as one of the alternative marine fuels, **TR 148:2026 Code of Practice for Ammonia Bunkering (TR 148)** sets out the requirements for the safe and efficient conduct of ammonia bunkering operations. This includes custody transfer, bunkering procedures, safety and personnel competency. It provides a common framework for bunker suppliers, bunker craft operators, shipowners and other industry stakeholders to plan and conduct ammonia bunkering operations.

3. Under the Singapore-Australia Green and Digital Shipping Corridor, MPA and the Pilbara Ports Authority will work together to validate TR 148 through the sharing of operational experience and relevant information from bunkering trials conducted at their respective ports. This collaboration will help build practical experience and strengthen the standards and operational requirements needed to support the safe and scalable deployment of ammonia bunkering globally.

Singapore Standard (SS) 730:2026 – Strengthening Bunker Sampling of Ambient Liquid Marine Fuels

4. **SS 730:2026 Code of Practice for Bunker Sampling (SS 730)** sets out requirements for custody transfer sampling of ambient liquid marine fuels, including Class F marine fuels, which are fuels made from petroleum, synthetic and renewable sources, and methanol. The Standard provides common sampling procedures and

safety requirements for bunker suppliers, bunker craft operators, bunker buyers and bunker surveyors, strengthening consistency in bunker delivery and fuel quality assurance.

Technical Reference (TR) 155:2026 – Enhancing Testing Standards for Polymers in Residual Based Marine Fuels

5. **TR 155:2026 Test Method for Polymers in Residual Based Marine Fuels (TR 155)** establishes a common method for testing for polystyrene, polypropylene and polymethyl methacrylate in residual based marine fuels, including detection limits. This will improve consistency in how these polymers are identified and strengthen fuel quality assurance.

6. Mr Ang Wee Keong, Chief Executive, MPA, said, “As shipping transitions towards a wider range of marine fuels, our bunkering standards and capabilities must evolve with it. These new standards will support the industry’s transition and strengthen Singapore’s ability to serve the bunkering needs of global shipping as new fuel pathways develop.”

7. Ms Choy Sauw Kook, Director-General (Quality & Excellence), Enterprise Singapore, said, “Standards are an important enabler of maritime decarbonisation, providing a common foundation for new fuels and practices to be adopted safely and consistently. As the marine fuel landscape evolves, TR 148, SS 730 and TR 155 extend this assurance across bunkering operations, fuel sampling and quality testing, including for emerging fuels such as ammonia. Together, they support Singapore’s transition to a multi-fuel future and reinforce our position as a trusted global bunkering hub.”

8. TR 148, SS 730 and TR 155 can be purchased from the [Singapore Standards eShop](#).

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About the Maritime and Port Authority of Singapore (MPA)

MPA was established in 1996 with the mission to develop Singapore as a global hub port and international maritime centre, and to advance and safeguard Singapore's strategic maritime interests. MPA takes on multiple roles as Singapore's maritime and port regulator and planner, international maritime centre champion, national maritime representative, and champion of maritime digitalisation and decarbonisation efforts. MPA partners industry, research community and other agencies to enhance safety, security and environmental protection, facilitate maritime and port operations and growth, expand multi-domain capabilities, and support the cluster of maritime services and manpower development.

For more information, please visit www.mpa.gov.sg/

About Enterprise Singapore

Enterprise Singapore is the government agency championing enterprise development. We work with committed companies to build capabilities, innovate and internationalise. We also support the growth of Singapore as a hub for global trading and startups, and build trust in Singapore's products and services through quality and standards.

For more information, please visit www.enterprisesg.gov.sg

About Singapore Standards Council

The Singapore Standards Council (SSC) facilitates the development, promotion and review of Standards and Technical References in Singapore. This work is done through partnerships with the industry, academia and government organisations, under the national standardisation programme overseen by Enterprise Singapore.

For more information, please visit www.enterprisesg.gov.sg/standards

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