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Standard Practice

Coating Technical File in Accordance with the IMO Performance Standard for Protective Coatings

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NACE International
1440 South Creek Drive
Houston, Texas 77084-4906
+1 281-228-6200

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Foreword

The coating technical file (CTF) contains documentation relevant to the selection, specification, installation, and inspection of coatings applied to a ship's seawater ballast tanks and double-skin spaces. It also contains documentation of in-service maintenance and repair of coating system(s). These requirements originate in the International Maritime Organization (IMO)'s[(1)] "Performance Standard for Protective Coatings for Dedicated Seawater Ballast Tanks in All Types of Ships and Double-Side Skin Spaces of Bulk Carriers" (PSPC),[1] Paragraph 3.4, Coating Technical File (CTF).

This standard is intended for use by parties responsible for the construction of ships in compliance with IMO Resolution MSC.215(82).[2]

The benefits of the extensive documentation process requirements are twofold. The first is to ensure the coating system(s) is properly installed; the documentation serves as a quality control (QC)/quality assurance (QA) process. The second is to provide important historical data on the new-build's coating system(s) installation for future reference and provide a documentation system for ongoing maintenance and repair of coating system(s). The coating system(s) historical information is best collected and presented with an efficient information access system during the lifetime of the ship.

This standard was prepared by NACE Task Group 402, "PSPC Coating Technical File Standard Practice," which is administered by Specific Technology Group (STG) 44, "Marine Corrosion: Ships and Structures." It is cosponsored by STG 02, "Coatings and Linings, Protective—Atmospheric," STG 03, "Coatings and Linings, Protective—Immersion and Buried Service," and STG 04, "Coatings and Linings, Protective—Surface Preparation." This standard is published by NACE under the auspices of STG 44.

In NACE standards, the terms *shall, must*, *should,* and *may* are used in accordance with the definitions of these terms in the *NACE Publications Style Manual.* The terms *shall* and *must* are used to state a requirement, and are considered mandatory. The term *should* is used to state something good and is recommended, but is not considered mandatory. The term *may* is used to state something considered optional.

(1) International Maritime Organization (IMO), 4 Albert Embankment, London SE1 7SR, United Kingdom.

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