

# Dry-Docking Hull Surface Maintenance and Repair Standard Practice

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## Document History:

2023-02-20: Developed by AMPP Standards Committee (SC) 19, Maritime

AMPP values your input. To provide feedback on this standard, please contact: [standards@ampp.org](mailto:standards@ampp.org)

AMPP SP21486-2023

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## Foreword

This document contains the maintenance and repair standard for all parties involved in hull surface and coating application work during dry-dock. It provides a uniform standard for success that can be followed by everyone.

## Scope

This standard is intended for vessels with steel hulls with displacement greater than 500 gross tons. It covers the steps required for achieving a smooth and clean hydrodynamically performing hull for its next in-service period.

## Rationale

The importance of fuel savings, reduction of emissions and the threat of invasive species are all reasons for developing a standard practice for the successful refurbishment of a vessel's hull in dry-dock. Class Societies allow for 6-month dry-docking cycles, thus putting great importance on hull repair procedures that will optimize hull – and consequently, vessel – performance.

## Referenced Standards and Other Consensus Documents

The latest edition, revision, or amendment of the referenced standards in effect shall prevail unless otherwise dated.

### **AMPP/NACE/SSPC, [www.ampp.org](http://www.ampp.org):**

NACE SP0616	Standard for Hull Roughness Measurements on Ship Hulls in Dry-dock
NACE/ASTM G193	Standard Terminology and Acronyms Relating to Corrosion
NACE-WJ-1/SSPC-WJ-1	Waterjet Cleaning of Metals – Clean to Bare Substrate
NACE WJ-2/SSPC-SP WJ-2	Waterjet Cleaning of Metals – Very Thorough Cleaning
SSPC-PA 2	Procedure for Determining Conformance to Dry Coating Thickness Requirements
SSPC-SP 3	Power Tool Cleaning
SSPC-SP 5 (WAB)/NACE WAB-5	White Metal Wet Abrasive Blast Cleaning
SSPC-SP 10 (WAB)/NACE WAB-2	Near-White Metal Wet Abrasive Blast Cleaning
SSPC-VIS 1	Guide and Reference Photographs for Abrasive Blast Cleaned Steel
SSPC-SP 4/NACE VIS 7	Guide and Reference Photographs for Steel Surfaces Prepared by Waterjetting
SSPC-VIS 5/NACE VIS 9	Guide and Reference Photographs for Steel Surfaces Prepared by Wet Abrasive Blast Cleaning

### **ASTM International, [www.astm.org](http://www.astm.org):**

ASTM F1130	Standard Practice for Inspecting the Coating System of a Ship
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### **International Organization for Standardization (ISO), [www.iso.org](http://www.iso.org):**

ISO 3506	Preparation of steel substrates before application of paints and related products — Visual assessment of surface cleanliness — Part 3: Preparation grades of welds, edges and other areas with surface imperfections
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