

Standard Practice

Inspection of Lining Application in Steel and Concrete Equipment

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Foreword

Inspection is an integral part of the lining application process. The purpose of inspection is to verify compliance to the lining application specifications and work procedures, not to question the integrity of the lining applicator. Many lining applicators perform their own inspection or hire an independent inspection agency. The NACE International Coating Inspector Training and Certification Program provides exposure to knowledge and skills pertaining to inspection of lining application.

The intent of this NACE standard is to provide appropriate inspection requirements to verify compliance to a lining application specification. It is not intended to address the selection of the lining material(s) or to specify surface preparation and lining application requirements. This standard is intended for use by facility owners and their representatives, lining applicators, lining material suppliers, and inspectors involved with the inspection of lining application in steel and concrete equipment such as tanks, vessels, sumps, and basins.

For further information on linings for concrete, refer to NACE No. 6/SSPC⁽¹⁾-SP 13¹ and NACE Publication 02203/ICRI⁽²⁾ Technical Guideline 03741/SSPC-TR 5.² For further information about selecting and specifying surface preparation methods for concrete before application of linings, refer to ICRI Technical Guideline 03732.³ For further information on the design, installation, and inspection of linings, refer to NACE No. 10/SSPC-PA 6⁴ and NACE No. 11/SSPC-PA 8.⁵

This standard was originally prepared in 1988 by NACE International Task Group (TG) T-6-2, "Inspection of Linings on Steel and Concrete." It was revised in 1994 by TG T-6-4, "Review of NACE Standard RP0288-88." It was reaffirmed in 2004 by Specific Technology Group (STG) 03, "Coatings and Linings, Protective—Immersion and Buried Service," and revised in 2011 by TG 448, "Review and Revise as Necessary NACE Standard RP0288-2004." This standard is issued by NACE International under the auspices of STG 03.

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⁾ The Society for Protective Coatings (SSPC), 40 24th Street, 6th Floor, Pittsburgh, PA 15222-4656.

⁽²⁾ International Concrete Repair Institute (ICRI), 10600 West Higgins Road, Suite 607, Rosemont, IL 60018.