

Care, Handling, and Installation of Internally Plastic-Coated Oilfield Tubular Goods and Accessories

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Foreword

This standard recommended practice covers the care, handling, transportation, and installation of internally plastic-coated (IPC) oilfield tubular goods and accessories (IPC material). Some internal plastic coatings are inherently brittle or may be incompatible with various chemicals used in oil and gas production operations and therefore are susceptible to damage from poor handling procedures, well operations, and chemical attack. Coating damage (e.g., cracks, chips, and disbondment) reduces coating effectiveness and results in premature coating failure. To minimize coating damage and prolong coating life, special handling and operating procedures must be utilized with IPC material during all phases of storage, transport, installation, and operation. Following the guidelines presented in this standard will help users, oil and gas producers, transportation companies, workover companies, and well-servicing companies and personnel to ensure the most cost-effective use of IPC material.

This standard was originally prepared in 1991 by NACE Task Group T-1G-4, a component of Unit Committee T-1G on Protective Coatings, Elastomers, and Other Nonmetallic Materials for Oilfield Use. It was reaffirmed in 1996 by T-1G, and revised in 2005 by Task Group (TG) 087 on Reaffirmation, Revision, or Withdrawal of STG 33 Standards and Technical Committee Reports. TG 087 is administered by Specific Technology Group (STG) 33 on Oil and Gas Production—Nonmetallics and Wear Coatings (Metallic), and sponsored by STG 03 on Protective Coatings and Linings—Immersion/Buried. This standard is published by NACE International under the auspices of STG 33.

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