



API SIRE Exam Publications Effectivity Sheet - FOR: March 2017 – August 2018

Listed below are the effective editions of the publications required for this exam for the date(s) shown above. Please consult the Guide for Source Inspection and Quality Surveillance of Rotating Equipment for further guidance on specific sections.

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- **Guide for Source Inspection and Quality Surveillance of Rotating Equipment**, October 2015
- **API Recommended Practice 578**, *Material Verification Program for New and Existing Alloy Piping Systems*, 2nd Edition, March 2010
- **API Standard 610**, *Centrifugal Pumps for Petroleum, Petrochemical and Natural Gas Industries*, 11th edition, September 2010
- **API Standard 611**, *General-Purpose Steam Turbines for Petroleum, Chemical, and Gas Industry Services*, 5th edition, September 2008, reaffirmed February 2014
- **API Standard 614**, *Lubrication, Shaft-Sealing and Control-Oil Systems and Auxiliaries for Petroleum, Chemical and Gas Industry Services*, 5th edition, April 2008
- **API Standard 617**, *Axial and Centrifugal Compressors and Expander-compressors for Petroleum, Chemical and Gas Industry Services*, 8th edition, September 2014
- **API Standard 618**, *Reciprocating Compressors for Petroleum, Chemical, and Gas Industry Services*, 5th Edition, December 2007
- **API Standard 619**, *Rotary Type Positive Displacement Compressors for Petroleum, Petrochemical and Natural Gas Industries*, 5th Edition, December 2010
- **API Standard 677**, *General-Purpose Gear Units for Petroleum, Chemical and Gas Industry Services*, April 2006, reaffirmed November 2010
- **API Standard 682**, *Pumps-Shaft Sealing Systems for Centrifugal and Rotary Pumps*, 4th edition, May 2014
- **American National Standards Institute (ANSI)/Hydraulic Institute (HI)**
 - **HI 14.6**, *Rotodynamic Pumps for Hydraulic Performance Acceptance Tests*, 2011
- **American Society of Mechanical Engineers (ASME)**, *Boiler and Pressure Vessel Code*, 2013 Edition
 - i. **Section II Materials**, Part A, B, C, D
 - ii. **Section V Nondestructive Examination**
 - Definitions in Subsection A, Article 1, Appendix I and Subsection B, Article 30, SE-1316
 - Articles 1, 2, 4, 5, 6, 7, 9, 10, 23 (section 797 only)
 - iii. **Section VIII Rules for Construction of Pressure Vessels, Division 1**
 - Acceptance Criteria
 - USC 56-57
 - Appendix 7- Examination of Steel Casting
 - iv. **Section IX Welding and Brazing Qualifications, Welding only:**
 - QW 100-190; QW 200-290; QW 300-380; QW 400-490; QW500-540



- **American Society of Nondestructive Testing (ASNT)**
 - **SNT-TC-1A** *Personnel Qualification and Certification in Nondestructive Testing*, 2011
- **American Standard for Testing Materials (ASTM)**
 - **ASTM A703** *Standard Specifications for Steel Castings, General Requirements, for Pressure-Containing Parts*, 2015
 - **ASTM A182** *Standard Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service*, 2015
- **MSS- Manufacturer Standardization Society**
 - **MSS-SP-55** *Quality Standard for Steel Castings for Valves, Flanges, Fittings and Other Piping Components*, 2011
- **SSPC Society for Protective Coatings**
 - **SSPC – PA 2** *Coating Applications Standard No. 2, Procedure for Determining Conformance to Dry Coating Thickness Requirements*, May 2012
- **SSPC Surface Preparation Guide**, the following sections only:
 - **SSPC-SP1** *Solvent Cleaning*, 2015
 - **SSPC-SP3** *Power Tool Cleaning*, 2004
 - **SSPC-SP5** or **NACE 1** *White Metal Blast Cleaning*, 2007
 - **SSPC-SP6** or **NACE 3** *Commercial Blast Cleaning*, 2007
 - **SSPC-SP7** or **NACE 4** *Brush-Off Blast Cleaning*, 2007
 - **SSPC-SP10** or **NACE 2** *Near-White Blast Cleaning*, 2007
 - **SSPC-SP11** *Power Tool Cleaning to Bare Metal*, 2013

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