



API SIRE Exam Publications Effectivity Sheet - FOR: JULY 2019 – March 2020

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 2018
- **API Recommended Practice 578**, *Guidelines for a Material Verification Program (MVP) for New and Existing Assets*, 3rd Edition, February 2018
- **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 Oil-control Systems and Auxiliaries*, 5th edition, April 2008
- **API Standard 617**, *Axial and Centrifugal Compressors and Expander-compressors*, 8th edition, August 2016
- **API Standard 618**, *Reciprocating Compressors for Petroleum, Chemical, and Gas Industry Services*, 5th Edition, December 2007, reaffirmed August 2016
- **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*, 3rd edition, April 2006, reaffirmed November 2016
- **API Standard 692**, *Dry Gas Sealing Systems for Axial, Centrifugal, and Rotary Screw Compressors and Expanders*, 1st edition, June 2018
- **American National Standards Institute (ANSI)/Hydraulic Institute (HI)**
 - **HI 14.6**, *Rotodynamic Pumps for Hydraulic Performance Acceptance Tests*, 2016
- **American Society of Mechanical Engineers (ASME)**, *Boiler and Pressure Vessel Code*, 2017 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*, 2018
- **MSS- Manufacturer Standardization Society**
 - *MSS-SP-55 Quality Standard for Steel Castings for Valves, Flanges, Fittings and Other Piping Components*, 2011
- **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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