API 510 Exam Publications Effectivity Sheet –
FOR: September 2019 and January 2020

Listed below are the effective editions of the publications required for this exam for the date(s) shown above.

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- **API Recommended Practice 571**, *Damage Mechanisms Affecting Fixed Equipment in the Refining Industry*, 2nd EDITION, April 2011

  **ATTENTION:** Only the following sections / mechanisms from RP 571 are included on the exam:

  Section 3, Definitions
  Par. 4.2.7 Brittle Fracture
  4.2.14 Erosion/Erosion-Corrosion
  4.2.16 Mechanical Fatigue
  4.3.2 Atmospheric Corrosion
  4.3.3 Corrosion Under Insulation (CUI)
  4.3.4 Cooling Water Corrosion
  4.3.10 Caustic Corrosion
  4.4.2 Sulfidation
  4.5.1 Chloride Stress Corrosion Cracking (Cl’SCC)
  4.5.3 Caustic Stress Corrosion Cracking (Caustic Embrittlement)
  5.1.1.4 Hydrochloric Acid (HCl) Corrosion
  5.1.1.10 Sour Water Corrosion (Acidic)
  5.1.2.2 Amine Stress Corrosion Cracking
  5.1.2.3 Wet H2S Damage (Blistering/HIC/SOHIC/SCC)
  5.1.3.1 High Temperature Hydrogen Attack (HTHA)


- **American Society of Mechanical Engineers (ASME)**, *Boiler and Pressure Vessel Code*, 2017 Edition
  i. **Section V**, Nondestructive Examination, Articles 1, 2, 6, 7 and 23 (Section SE-797 only)
  ii. **Section VIII**, Rules for Construction of Pressure Vessels, Division 1; Introduction (U), UG, UW, UCS, Appendices 1-4, 6, 8 and 12
  iii. **Section IX**, Qualification Standard for Welding, Brazing and Fusion Procedures; Welders; Brazers; and Welding, Brazing and Fusing Operators; (Welding only)

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