



API 510 Exam Publications Effectivity Sheet – FOR: **May 2018, September 2018, January 2019 and May 2019**

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

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- **API 510, Pressure Vessel Inspection Code: Maintenance Inspection, Rating, Repair, and Alteration**, 10th Edition, May 2014 with **Addendum 1, May 2017**.
- **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 H ₂ S Damage (Blistering/HIC/SOHIC/SCC)
	5.1.3.1	High Temperature Hydrogen Attack (HTHA)

- **API Recommended Practice 572, Inspection of Pressure Vessels**, 4th Edition, **December 2016**.
- **API Recommended Practice 576, Inspection of Pressure-Relieving Devices**, 4th Edition, **April 2017**.
- **API Recommended Practice 577, Welding Inspection and Metallurgy**, 2nd Edition, December 2013.
- **American Society of Mechanical Engineers (ASME), Boiler and Pressure Vessel Code**, 2015 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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