



API 510 Exam Publications Effectivity Sheet – FOR: **May 2020, September 2020 and January 2021**

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

Please be advised that API and ASME documents and publications are copyrighted materials. Reproducing these documents without API permission is illegal.

- **API 510, Pressure Vessel Inspection Code: Maintenance Inspection, Rating, Repair, and Alteration, 10th Edition, May 2014 with Addendum 1, May 2017 and Addendum 2, March 2018.**
- **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 (ClSCC)
	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, 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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