



## **API 510 Recertification Publications Effectivity Sheet**

### **Effective: June 15, 2017**

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The API 510 Recertification Quiz is based on questions derived from and reflecting the changes that occurred in the following documents over the past 6 years. Please familiarize yourself with the following editions and addenda of these documents:

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

- **API Recommended Practice 577, Welding Inspection and Metallurgy, 2nd Edition, December 2013.**

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