

**API 510 RECERTIFICATION PUBLICATIONS EFFECTIVITY SHEET****Effective: April 3, 2023**

Every other recertification period (every six years), actively engaged inspectors shall demonstrate knowledge of revisions to API 510 as well as other relevant API documents that encompass the body of knowledge (BOK). Please familiarize yourself with the following editions and addenda of these documents.

- **API 510, *Pressure Vessel Inspection Code: In-Service Inspection, Rating, Repair, and Alteration*, 10th Edition, May 2014 with Addendum 1, May 2017 and Addendum 2, March 2018.**
- **API RP 571, *Damage Mechanisms Affecting Fixed Equipment in the Refining Industry*, 3rd edition, March 2020**  
ATTENTION: Only the following sections /mechanisms from RP 571 are included on the web quiz:

## Sections:

2	Terms and Definitions
3.3	Amine Stress Corrosion Cracking
3.8	Atmospheric Corrosion
3.11	Brittle Fracture
3.14	Caustic Corrosion
3.15	Caustic Stress Corrosion Cracking
3.17	Chloride Stress Corrosion Cracking
3.20	Cooling Water Corrosion
3.22	Corrosion Under Insulation (CUI)
3.27	Erosion/Erosion-Corrosion
3.36	High-temperature Hydrogen Attack
3.37	Hydrochloric Acid Corrosion
3.43	Mechanical Fatigue (including Vibration-induced Fatigue)
3.58	Sour Water Corrosion (Acidic)
3.61	Sulfidation
3.67	Wet H <sub>2</sub> S Damage (Blistering/HIC/SOHIC/SCC)

- **API RP 572, *Inspection Practices for Pressure Vessels*, 4th Edition, December 2016.**
- **API RP 576, *Inspection of Pressure-relieving Devices*, 4th Edition, April 2017.**
- **API RP 577, *Welding Processes, Inspection, and Metallurgy*, 3rd Edition, October 2020.**
- **API RP 578, *Guidelines for a Material Verification Program (MVP) for New and Existing Assets*, 3rd edition, February 2018**

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