# API 510 Exam Administration -- Publications Effectivity Sheet

## FOR: December 7, 2011 and June 6, 2012 and September 26, 2012

Listed below are the effective editions of the publications required for the API 510, Pressure Vessel Inspector Certification Examination for the date(s) shown above.

- **API Standard 510,** *Pressure Vessel Inspection Code: In-Service Inspection, Rating, Repair, and Alteration*, 9th Edition, June 2006. IHS Product Code **API CERT 510**
- **API Recommended Practice 571,** *Damage Mechanisms Affecting Fixed Equipment in the Refining Industry*, 1st Edition, December 2003. IHS product code: **API CERT 510_571** ( includes only the portions listed below)

  **ATTENTION:** Only the following mechanisms to be included:

  Par. 4.2.3 – Temper Embrittlement
  4.2.7 – Brittle Fracture
  4.2.9 – Thermal Fatigue
  4.2.14 – Erosion/Erosion-Corrosion
  4.2.16 – Mechanical Failure
  4.3.2 – Atmospheric Corrosion
  4.3.3 – Corrosion Under Insulation (CUI)
  4.3.4 – Cooling Water Corrosion
  4.3.5 – Boiler Water Condensate Corrosion
  4.3.10 – Caustic Corrosion
  4.4.2 – Sulfidation
  4.5.1 – Chloride Stress Corrosion Cracking ($Cl^-$SCC)
  4.5.2 – Corrosion Fatigue
  4.5.3 – Caustic Stress Corrosion Cracking (Caustic Embrittlement)
  5.1.2.3 – Wet $H_2S$ Damage (Blistering/HIC/SOHIC/SCC)
  5.1.3.1 – High Temperature Hydrogen Attack (HTHA)
- **API Recommended Practice 572**, *Inspection of Pressure Vessels*, 3rd Edition, November 2009. IHS Product Code **API CERT 572**
- **API Recommended Practice 576**, *Inspection of Pressure-Relieving Devices*,. 3rd Edition, November 2009. IHS Product Code **API CERT 576**
- **API Recommended Practice 577 –** *Welding Inspection and Metallurgy*, 1st Edition, October 2004. IHS Product Code **API CERT 577**
- **American Society of Mechanical Engineers (ASME)**, *Boiler and Pressure Vessel Code*, **2010 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, UHT, Appendices 1-4, 6, 8 and 12*
  - iii. **Section IX**, *Welding and Brazing Qualifications, Welding only*

  IHS Product Code for the ASME package **API CERT 510 ASME**. Package includes **only** the above excerpts necessary for the exam.

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