

# API 570 Exam Publications Effectivity Sheet –

**FOR: 2015**

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

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- **API Standard 570**, *Piping Inspection Code: Inspection, Repair, Alteration, and Rerating of In-Service Piping Systems*, 3rd Edition, November 2009
- **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  |
|      | 4.2.9    | Thermal Fatigue   |
|      | 4.2.14   | Erosion/Erosion -- Corrosion                              |
|      | 4.2.16   | Mechanical Fatigue  |
|      | 4.2.17   | Vibration-Induced Fatigue                                 |
|      | 4.3.1    | Galvanic Corrosion  |
|      | 4.3.2    | Atmospheric Corrosion                                     |
|      | 4.3.3    | Corrosion Under Insulation (CUI)                          |
|      | 4.3.5    | Boiler Water Condensate Corrosion                         |
|      | 4.3.8    | Microbiologically Induced Corrosion (MIC)                 |
|      | 4.3.9    | Soil Corrosion  |
|      | 4.3.10   | Caustic Corrosion   |
|      | 4.4.2    | Sulfidation   |
|      | 4.5.1    | Chloride Stress Corrosion Cracking (Cl <sup>-</sup> 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                           |
|      | 5.1.3.1  | High Temperature Hydrogen Attack (HTTA)                   |

- **API Recommended Practice 574**, *Inspection Practices for Piping System Components*, 3rd Edition, Nov. 2009.
- **API Recommended Practice 577**, *Welding Inspection and Metallurgy*, **2nd Edition, December 2013**
- **API Recommended Practice 578**, *Material Verification Program for New and Existing Alloy Piping Systems*, 2nd Edition, March 2010.
- **American Society of Mechanical Engineers (ASME)**, *Boiler and Pressure Vessel Code*, **2013 Edition**
  - I. **Section V**, *Nondestructive Examination*, Articles 1, 2, 6, 7, 9, 10, and 23 (Section SE-797 only).
  - II. **Section IX**, *Welding and Brazing Qualifications*, (Welding only)
- **American Society of Mechanical Engineers (ASME)**
  - B16.5**, *Pipe Flanges and Flanged Fittings*, **2013 Edition**
  - B31.3**, *Process Piping*, 2012 Edition

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