



American Petroleum Institute

Individual Certification Programs: ICP™



BODY OF KNOWLEDGE FOR API 580 RISK-BASED INSPECTION CERTIFICATION EXAM

The API 580 certification tests the individual's knowledge and expertise in the field of risk-based inspection. The API 580 certification will add significant value to your professional credentials, demonstrating to your employers and clients that you have obtained a high level of proficiency and understanding in this important field.

The exam consists of 80 scored questions and 10 pretest questions; and runs for 3 hours and 15 minutes; no references are available during the exam, and nothing may be brought into the test center.

The exam focuses on the most recent edition of the API 580 document.

REFERENCE PUBLICATIONS:

A. API Publications

- **API Recommended Practice 580**, *Elements of a Risk-Based Inspection Program*, 4th Edition, August 2023 *with Addenda 1 (March 2025)*



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Candidates are expected to demonstrate knowledge in the following categories:

1. Terms, Definitions, and Acronyms
2. Risk Assessment
3. RBI Program
4. Roles, Responsibilities, Training, and Qualifications
5. Data Collection
6. Damage Mechanisms
7. POF
8. COF
9. Risk Management
10. RBI Documentation