

## APPENDIX B—INSPECTOR CERTIFICATION

### B.1 Examination

A written examination to certify inspectors within the scope of API 510 shall be based on the current API 510 *Inspector Certification Body of Knowledge* as published by API.

### B.2 Certification

**B.2.1** To qualify for the certification examination, the applicant's education and experience, when combined, shall be equal to at least one of the following:

- a. A Bachelor of Science degree in engineering or technology, plus one year of experience in supervision of inspection activities or performance of inspection activities as described in API 510.
- b. A two-year degree or certificate in engineering or technology, plus two years of experience in the design, construction, repair, inspection, or operation of pressure vessels, of which one year must be in supervision of inspection activities or performance of inspection activities as described in API 510.
- c. A high school diploma or equivalent, plus three years of experience in the design, construction, repair, inspection, or operation of pressure vessels, of which one year must be in supervision of inspection activities or performance of inspection activities as described in API 510.
- d. A minimum of five years of experience in the design, construction, repair, inspection, or operation of pressure vessels, of which one year must be in supervision of inspection activities or performance of inspection activities as describe in API 510.

**B.2.2** An API 510 authorized pressure vessel inspector certificate may be issued when an applicant provides documented evidence of passing the National Board of Boiler and Pressure Vessel Inspectors examination and meets all requirements for education and experience of API 510.

### B.3 Recertification

**B.3.1** Recertification is required three years from the date of issuance of the API 510 authorized pressure vessel inspector certificate. Recertification by written examination will be required for inspectors who have not been actively engaged as inspectors within the most recent three-year certification period. Exams will be in accordance with all provisions contained in API 510.

**B.3.2** "Actively engaged as an inspector" shall be defined by one of the following provisions:

- a. A minimum of 20% of time spent performing inspection activities or supervision inspection activities as described in the API 510 inspection code over the most recent three-year certification period.
- b. Performance of inspection activities or supervision of inspection activities on 75 pressure vessels as described in API 510 over the most recent three-year certification period.

Note: Inspection activities common to other API inspection documents (NDE, record-keeping, review of welding documents, etc.) may be considered here.

**B.3.3** Once every other recertification period, (every six years) inspectors actively engaged as an inspector shall demonstrate knowledge of revisions to API 510 that were instituted during the previous six years. This requirement shall be effective six years from the inspector's initial certification date. Inspectors who have not been actively engaged as an authorized pressure vessel inspector within the most recent three-year certification period shall recertify as required in B.3.1.