1.0 Overview

1.1 Purpose

The purpose of the National Board Inservice Inspector Training Program is to provide an alternate method for individuals to qualify for a National Board Inservice Commission. The successful completion of the program will be accepted as satisfying the five (5) point minimum requirement for education and experience as defined in NB-263, RCI-1 Rules for Commissioned Inspectors.

An employer of prospective commissioned inspectors may use this training program as a guide to define the minimum requirements for on-the-job training. The employer’s specific training may be more extensive in scope and duration than described in this document.

1.2 Scope

This program is open to any regular employee of a jurisdiction, an Authorized Inspection Agency (AIA) an Owner-User Inspection Organization (OUIO), a Federal Inspection Agency or a Non-member Enforcement Agency.

2.0 Program Requirements

2.1 On-the-Job Training

The employer shall provide the trainee with a minimum of 800 hours (20 weeks) of on-the-job training in the presence of a National Board Commissioned Inspector(s). The training/experience must be documented with each specific area verified by a National Board Commissioned Inspector. Refer to Paragraph 3 for a detailed description of the topics to be included.

2.2 Technical Training

The individual must successfully complete the National Board Classroom Inservice Commission Course (IC).
3.0 On-the-Job Training Outline

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<th>Minimum Hours</th>
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<td>Personnel protection: head, eyes, feet, face body</td>
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3.2 Codes and Regulations
Using jurisdictional law and regulations

Successful completion of each of the following National Board Online Training Courses:
- NBIC Part 1
- NBIC Part 2

3.3 Data Evaluation and Documentation
Recordkeeping, scheduling
Report writing, general
Documenting findings and deficiencies
Completing inspection reports
Maintaining inspector diaries
Investigation methods
Communication skills

3.4 Installation, Inspection and Testing (Participate in a minimum of 100 boiler or pressure vessel inspections)

3.4.1 The trainee shall participate during installations, internal and external inspections and testing of various types of boilers, associated piping and appurtenances including safety controls (pressure relief devices, low water cutoff, level, pressure, temperature). Boiler types may include:
- Cast Iron
- Firetube
- Watertube
- Electric
- Fired Coiled Heaters
- Thermal Fluid Heaters
- Waste Heat
- Black Liquor Recovery
3.4.2 When appropriate, the trainee shall participate during internal and external inspections of various types of pressure vessels, associated piping and appurtenances. Pressure vessel types may include:
- Deaerators
- Compressed Air
- Expansion Tanks
- Liquid Ammonia
- Storage Tanks
- Autoclaves
- Jacketed
- Pressure Vessels for Human Occupancy (PVHO)
- Transport Tanks

3.4.3 Familiarization with Tools
- Mirrors
- Hammers
- Measuring tools/meters
- Welding gauges
- Gas meters

Total Hours  800