

The National Board
Body of Knowledge
for the
**Owner-User
Inspector Supervisor**



Approved by:  8-6-2025
Executive Director Approval Date

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NB-466 Rev 1
*Denotes Revisions

The National Board Body of Knowledge for the **Owner-User Inspector Supervisor (O)**

The National Board has developed this Body of Knowledge to outline duties, responsibilities, knowledge, and skills for supervisors of owner-user inspectors performing inservice inspections of pressure-retaining items during their installation, operation, repair, and alteration. This Body of Knowledge builds on the Body of Knowledge for Inservice Inspectors, NB-331-I.

The Owner-User Inspector Supervisor shall be employed and selected by their Owner User Inspection Organization (OUIO) and must have a minimum of two (2) years' experience as an Inservice Inspector holding a valid Inservice Inspector Commission (IS) and R endorsement, as appropriate.

* **Objectives**

The Owner-User Inspector Supervisor should have knowledge, and the ability to apply that knowledge, of the following:

- Responsibilities and duties of the Owner-User Inspection Organization
- Responsibilities and duties of the Owner-User Inspector Supervisor
- Responsibilities and duties of the Inservice Inspector
- Responsibilities and duties of the Repair Inspector
- OUIO/Repair Organization Responsibilities
- Quality Management Systems
- Auditing Inspectors
- Joint Review Process
- Inspector Diary requirements
- Requirements of NBIC Parts 1, 2, and 3
- Requirements of ASME Code Sections I, IV, VIII Div. 1, B31.1, B31.3, other piping standards

Reference Material

The following reference material is required to obtain and apply the knowledge of the listed objectives in this Body of Knowledge.

- NBIC Part 1, Installation
- NBIC Part 2, Inspection
- NBIC Part 3, Repairs and Alterations
- ASME Section I, Power Boilers
- ASME Section IV, Heating Boilers
- ASME Section V, Nondestructive Examination
- ASME Section VIII, Div. 1, Pressure Vessels
- ASME Section IX, Welding and Brazing
- ASME B31.1, B31.3 Piping Standards
- ASME Procedure Document, Conduct of ASME Surveys, Reviews, Audits, Investigations, and Interviews
- ASNT SNT-TC-1A
- NB-263, RCI-1, Rules for Commissioned Inspectors
- NB-371, Accreditation of Owner-User Inspection Organizations
- NB-381, Quality Program for Inspection Organizations
- NB-415, Accreditation of R Repair Organizations

Body of Knowledge Outline

This outline provides information regarding the listed objectives of this Body of Knowledge, and further describes the duties and responsibilities of the Owner-User Inspector Supervisor.

1. Responsibilities and duties of the Owner-User Inspection Organization (OUIO)
Understanding of NB-371 and NB-381 applicable to:
 - Accreditation
 - * • Quality Management Systems
 - Qualification and training of personnel providing inspection services
 - Conducting Internal Audits
- * 2. Responsibilities and Duties of Owner-User Inspector Supervisor (OUIS)
Understanding of NB-263, RCI-1 applicable to:
 - Performance and maintaining competency of Inservice Inspectors, and Repair Inspectors
 - Inservice Inspector and Repair Inspectors assignments
 - Documenting nonconformances/violations
 - Inspector Diary Requirements
- * 3. Responsibilities and duties of the Inservice Inspector and Repair Inspector
Understanding of NB-263, RCI-1, NBIC, and ASME Codes applicable to:
 - Monitoring Quality Management System (QMS) Elements
 - Verify welding and NDE procedures comply with applicable code requirements
 - Verify welders and NDE personnel qualification comply with applicable code requirements
 - Repair and alteration requirements per NBIC Part 3
 - Inspection methods and certification requirements per NBIC Parts 1 and 2
- * 4. OUIO/Repair Organization Responsibilities
Familiarity with NBIC and ASME Code requirements applicable to:
 - Design
 - Materials
 - Repair and Alteration methods
 - Welding
 - Heat treatment
 - Examination and Inspection methods
 - Testing
 - Certification and Stamping
 - Record Retention
- * 5. Quality Management Systems (QMS)
Familiarity with NBIC, ASME, and other Codes applicable to:
 - Quality Management System elements
 - Documentation and revision procedures
 - Implementation

- * 6. Conducting Annual Planned Audits of the Inspector
Understanding the requirements of NB-263, RCI-1 applicable to:
 - Auditing performance of Inservice Inspectors and Repair Inspectors
 - Confirm Inspector involvement in corrective action of deficiencies
 - Documenting activities in the Inspector Diary

- * 7. Joint Review Process
Understanding the requirements of NB-371, NB-381, and NB-263, RCI-1 applicable to:
 - Joint review conduct and attendance requirements
 - Involvement of the Inspector and Inspector Supervisor