



NBIC Repairs and Alterations

HSB, a Munich Re company, is a technology-driven company built on a foundation of specialty insurance, engineering and technology, all working together to drive innovation in a modern world.

Course description: This seminar is a basic introductory overview of the National Board Inspection Code (NBIC) Part 3, Repairs and Alterations (2023 Edition). It focuses on the National Board “R” Certificate Holders engaged in the repair and alteration of boilers and pressure vessels.

The course describes the formatting and structure of NBIC Part 3 and its scope and its implementation in repair and alteration programs.

Revisions and changes introduced in the 2023 edition will be addressed.

Who should attend?

- Anyone interested in expanding their understanding of National Board Inspection Code, its formatting and structure, and its requirements for performing repairs and alterations of ASME Code pressure retaining items
- Those seeking to implement an NBIC-compliant quality program
- New or experienced individuals who desire an improved understanding of Code of construction requirements
- Engineering, Quality Control, Supervisors, Surveillance Inspectors, and other individuals involved with the repair and alteration of boilers and pressure vessels

Topics covered

Organizational Structure of the National Board of Boiler and Pressure Vessel Inspectors	Brief history of the National Board and ASME Codes — why they came to be	Alterations
Organization of the NBIC Document	Repair Methods	Section VIII, Division 2 or 3 Work
Part 4: Pressure Relief Devices	Examination and Testing	Administrative Requirements
Construction Codes and Standards	Replacement Parts	Welding
Quality Systems	Certification and Stamping	Heat Treatment
Routine Repairs	Stakeholders in Pressure Part Repairs and Alterations	R Form Distribution and Record Retention
Authorized Inspection Agency	Boiler and Pressure Vessel Laws	Jurisdictional Considerations
NB Commissioned Inspector	Terminology	Part 3 Supplements
Temporary Locations	Accreditation Programs	Alternative Welding Methods
Inspectors	Developing a Repair/Alteration Strategy	Material Control

For more information, contact GetInfo@hsb.com.