



WORLDWIDE LEADER IN
PRESSURE EQUIPMENT
SAFETY SINCE 1919



PRODUCTS AND SERVICES
GUIDE

THE NATIONAL BOARD OF BOILER
AND PRESSURE VESSEL INSPECTORS

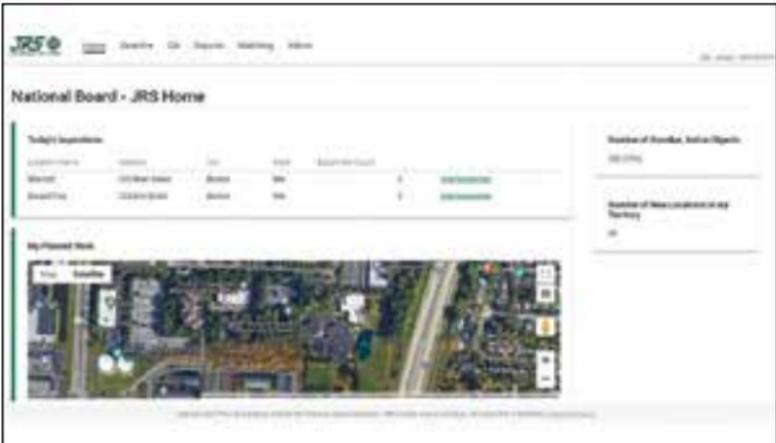


ABOUT NBBI

The National Board of Boiler and Pressure Vessel Inspectors (NBBI) was established in 1919 to promote greater safety to life and property through uniformity in the construction, installation, repair, maintenance, and inspection of pressure equipment.

NBBI members are the chief boiler and pressure vessel inspectors representing most states and all provinces of North America and major cities in the United States. Members oversee adherence to laws, rules, and regulations related to the inspection, construction, and repair of pressure equipment.

In addition to supporting its members, NBBI administers the following products and services.



THE JURISDICTIONAL REPORTING SYSTEM (JRS)

Built by the industry for the industry, JRS streamlines and supports the entire boiler and pressure vessel safety workflow into a centralized system.

JRS Register Formerly known as Electronic Data Transfer (EDT), JRS Register is the product that manufacturers, repair companies, and Authorized Inspection Agencies (AIAs) use to register manufacturer data reports and repair reports with NBBI.

JRS Inspect This system supports inservice inspection workflows for jurisdictions, insurance carriers, and inspection companies by standardizing forms and data capture when working across multiple jurisdictions and supporting the entire inservice inspection workflow from permitting to issuance of the certificate of operation.



NBBI TRAINING

NBBI offers over 90 comprehensive classroom and online training programs for inspectors and pressure equipment professionals from around the world.

Located on the NBBI's 16-acre campus in Columbus, Ohio, training facilities include an 8,000-square-foot inspection room that houses a unique collection of boilers, pressure vessels, and related equipment used for hands-on inspection training. NBBI training is accredited by the International Association for Continuing Education and Training (IACET).





THE NATIONAL BOARD INSPECTION CODE (NBIC)

The NBIC is an internationally recognized standard that governs and maintains rules for the installation, inspection, repair, and alteration of inservice pressure equipment.

The NBIC is adopted into law by most US and Canadian jurisdictions. It is the basis for NBBI's four accreditation programs (**R**, **VR**, **NR**, and **T/O**) and is utilized by more than 5,200 repair organizations in over 60 countries. The NBIC is maintained by a consensus committee of volunteer industry experts and is recognized as a national standard by the American National Standards Institute (ANSI).



PRESSURE RELIEF GROUP/ TESTING LABORATORY

Part of the NBBI Technical Department, the Pressure Relief Group maintains and promotes programs related to overpressure protection of pressure equipment.

The NBBI Testing Laboratory plays an integral role in this process. The lab is an independent ASME-certified flow lab that tests pressure-relieving devices (PRDs) from valve manufacturers, assemblers, and repair facilities from around the world. Devices are tested to rigorous standards to demonstrate they will provide critical overpressure protection.

The Pressure Relief Group also maintains the following NBBI Capacity Certification programs: **NB** Mark for newly manufactured PRDs, **VR** Valve Repair program, and **T/O** Testing Organization program. NBBI serves as an ASME Designated organization, and Pressure Relief staff perform quality system reviews and audits on PRD manufacturers and assemblers whose devices bear the ASME **V**, **UV**, **UD**, **HV** and **NV** designators.





COMMISSIONS AND CERTIFICATIONS

NBBI offers several credentialing programs for industry professionals.

Individuals who obtain NBBI credentials have met a prescribed amount of training and education, passed a comprehensive exam, and documented the required amount of experience to perform assigned duties as described in the *National Board Inspection Code (NBIC)* and/or the *ASME Boiler and Pressure Vessel Code*.

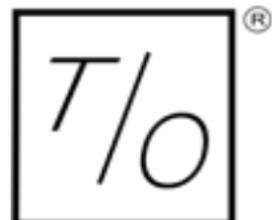
NBBI credentials directly support the activities of the NBIC and ASME codes.



ACCREDITATION

NBBI administers three accreditation programs for organizations that perform repairs and alterations on pressure equipment (**R**, **VR**, **NR**) and one program for organizations that test pressure relief valves (**T/O**).

Accreditation involves thorough evaluation of an organization's quality system manual and requires a demonstration of its ability to implement the system. Authorized repair organizations are issued an NBBI stamp that is applied to the equipment nameplate. The stamp signifies strict repair and/or alteration requirements have been met and verified by an NBBI Commissioned Inspector.



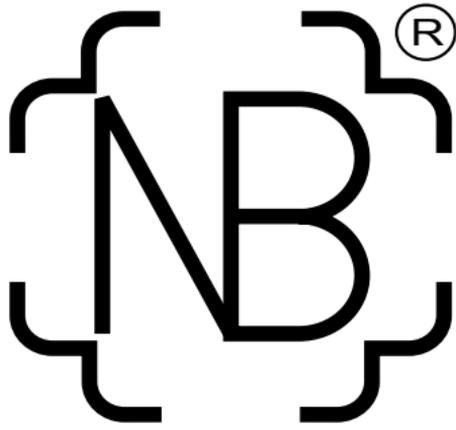
ACCREDITATION: INSPECTION ORGANIZATIONS

NBBI administers three accreditation programs for inspection organizations: Authorized Inspection Agencies, Federal Inspection Agencies, and Owner-User Inspection Organizations.

These organizations are authorized to employ National Board Commissioned Inspectors for inservice inspections and/or inspections of repairs and alterations that were performed by NBBI **R** and **NR** accredited companies.

Accreditation of these inspection organizations involves a thorough evaluation of an organization's quality system manual to ensure compliance with NBBI's accreditation requirements.





REGISTRATION

NBBI maintains permanent records of pressure-retaining items that are registered by individual manufacturers who meet a set of requirements.

Registration with NBBI indicates that a pressure-retaining item is constructed in accordance with the *ASME Boiler and Pressure Vessel Code* (ASME Code) and is inspected by a qualified NBBI Commissioned Inspector.

Registration represents the culmination of a three-step process: the design and construction of an item in accordance with the ASME Code, inspection by an NBBI Commissioned Inspector, and final documentation certifying compliance with the ASME Code.



OTHER NBBI RESOURCES

NB-18, Pressure Relief Device Certification

A searchable online listing of NBBI-accredited manufacturers and assemblers of pressure relief devices.

Manufacturer and Repair Directory

A searchable online listing of manufacturers authorized to register with NBBI, and NBBI-accredited repair and testing organizations.

NB-370, National Board Synopsis

An online compilation of select North American boiler and pressure vessel laws, rules, and regulations.

The BULLETIN

The official technical journal of the National Board, available in print and online.

The NBBI General Meeting

Annual conference that addresses modern pressure equipment topics and connects industry professionals.



Visit NBBI.org to learn more about NBBI products and services.

HEADQUARTERS

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