

NABO *Now!*

Volume I

National Association Of Boiler And Pressure Vessel Owners and Operators

Edition 1

Welcome Members of NABO

NABO forms ARISE Boiler Inspection and Insurance Company Risk Retention Group (ABIIC RRG)

In response to the turmoil in the financial markets in 2008, NABO took steps to form an insurance vehicle to provide liability insurance and risk management services to owners and operators of boilers and pressure vessels. January 22, 2009 ABIIC RRG received it's license and began the process of registering to do business in all 50 states plus Washington D.C. Today ABIIC is registered in 30 states and it's applications are working their way through the process in the other jurisdictions.

All members of NABO will be policyholders of ABIIC RRG and all RRG members will be members of NABO. This program will be a tremendous benefit and help with your risk management program with industry leading services.

Coverage, risk management and claims services can be arranged by contacting ABIIC RRG President, Tim Rhodes at 800-989-7475.

Tim Rhodes

On May 11-15 of 2009, Representatives from ARISE Boiler Inspection and Insurance Company RRG attended meetings held in San Diego California by the National Board Of Boiler and Pressure Vessel Inspectors and American Society Of Mechanical Engineers.

The general purpose of the attendance is to participate in committee groups where rules and regu-

lations concerning the fabrication, operation and inspection of boilers and pressure vessels are formulated.

In attendance are people who represent the manufacturing industry, operation side and legislation groups such as the State Chief Inspectors from the various Departments of Labor.

It was our goal to represent the interest of our members on select committees that have the greatest impact on the fabrication and operation of boilers and pressure vessels.

The following are notes from the conference and committee meetings attended.

Subject: ASME and the 78th General Meeting of the National Board of Boiler and Pressure Vessel Inspectors Meeting

The ASME and the 78th General Meeting of the National Board of Boiler and Pressure Vessel Inspectors meeting in San Diego, California was held from May 11 thru 15, 2009.

Meetings included presentations by industry leaders in both nuclear and non-nuclear generation within the boiler and pressure vessel industry.

During "Code Week" all ASME boiler and pressure vessel committees meet to update an existing rule, make editorial improvements, correcting errata, etc. This includes both nuclear and non-nuclear B&PV committees. Along this same time line, all Chief Inspectors of the various states and jurisdictions meet to discuss and harmonized their rules and regulations and discuss subjects of common interest.

Some of the more interesting topics occurring during Code Week included the ASME policy on ex-

tension of certificate of authorization expiration dates as referenced below: the expiration date.

It is recommended that renewal applications, fees and review deposits be received at least five months before the expiration date in order for the renewal process to be completed before the expiration date.

In order to be eligible for a staff extension of expiration date, the renewal application, fees and review deposit must be received at least three months before the expiration date.

If the renewal application, fees and review deposit are not received, or a request for extension of expiration date is not received at least three months before the expiration date, the Certificates will expire on the expiration date. Any such request for extension of expiration date received at least three months before the expiration date must provide the reason for the request and is subject to approval by the Committee on Boiler and Pressure Vessel Conformity Assessment. If approved, the extension will not be given until the application, fees and review deposit has been received, which must be before the expiration date.

Requests for extension of expiration dates received less than three months before the expiration date where the application, fees and review deposit have not been received will not be considered. Such Certificates will expire if the renewal process is not completed by the expiration date.

It should be noted that there is a lead time required to schedule a review and late applications may not allow the scheduling of reviews in time to complete the renewal process before the expiration date. Any delay in scheduling a review for a late application is not a suitable reason to extend

Additional items of interest: 2009 ASME CODE CHANGES

Illinois - 2007 or 2008 had changes concerning lap seam boilers on traction engines, they no longer limit them to 100 psi if the condition and calculations show a higher allowable working pressure. They have also implemented a trainee program for new engine operators.

2007 The state requires manual reset switches on secondary low water cutoff and high limits. CSD-1 had previously been adopted but not enforced.

Michigan –

Effective about July 2009 the following rule changes go in effect.

1. The Rule 507 hydro test at the boiler 30th birthday has been resended.
2. The csd-1 tests will now be done every (3) three years some details on event will be more clear about June 15th, 2009.
3. There will be a major change in about Oct. 1, 2009 when a switch will be made to move the Rule's to the trash can and adopt the N.B.I.C. Rules.

New Jersey - has now adopted a pressure vessel Law. This law will require Inspection and registration of all pressure vessels falling under the definitions of the New Jersey Department of Labor Boiler Law. All owners and operators have three years to comply with the state law. Please contact us for further explanation and or clarification.

North Carolina – Boiler Rule Changes**3 NCAC 13.0101 Definitions**

Added definition of “Accepted Design and Construction code”

Changes made to definitions to conform to industry standards and further define what are included as “high pressure boilers” (13 NCAC 13.0101 (9))

13 NCAC 13.0202 Inspector Qualifications

Clarified when an inspector must submit for re-examination for state licensing (c)

Deleted (d) for Certificates of Competency

13 NCAC 13.0203 North Carolina Commission

Clarified that a state exam is required for an NC commission.

13 NCAC 13.0205 Owner-User Inspection Agency

Clarified requirements for O/U inspectors

13 NCAC 13.0206 Owners or Users to Notify Chief Inspector of Accidents

Clarified and limited insurance inspectors activities prior to investigation by the Bureau.

13 NCAC 13.0208 Insurance Companies to Notify Chief Inspector

Change made to clarify what information must be provided when giving notification of changes to policies.

13 NCAC 13.0301 Inspection Documentation

Change made to clarify that we do not provide the form any longer, but that the format must be one that we can open and therefore be recognized by the Chief Inspector. Leaves some latitude in how the information is provided, but still has to be something BSB can access.

13 NCAC 13.0401 Design and Construction Standards

Changed in anticipation of potential inclusion of

international codes other than ASME.

13NCAC 13.0403 Maximum Allowable Working Pressure

Confirms appeal rights of the owner/user

13 NCAC 13.0404 Controls and Safety Devices

Table- Added “X” for expansion tanks for hot water heaters to harmonize with the NC Plumbing Code.

13 NCAC 13.0405 Pressure Relief Devices

(c) Clarified language for multiple safety valve requirements to coincide with national standard.

(l) Added “other mechanism” to recognize changes in technology.

(n) (5) Reinforced “no tampering” language

Table- Added language to harmonize with national standard (National Board Inspection Code)

13 NCAC 13.0409 Automatic Low-Water Fuel Cutoff Controls and Water-Feeding Devices

Added requirement for separate connections for float type LWCO’s to coincide with national standard (National Board)

13 NCAC 13.0412 Expansion Tanks

(b) Added to harmonize with NC Plumbing Code

13 NCAC 13.0413 Clearances

Changed to harmonize with national standard (National Board Inspection Code).

13 NCAC 13.0414 Gas-Fired Steam Kettles

Changed to clarify safety device (LWCO) requirements and eliminate conflict with 13 NCAC 13.0409 requiring 2 LWCO for steam boilers.

13 NCAC 13.0417 Supports

Change made to make wording consistent with NC Mechanical Code

13 NCAC 13.0420 Burner Controls

Changed “burner” to “firing mechanism” to be more inclusive

Wisconsin-

1) Wisconsin has adopted the 2007 editions of the ASME code, sections I, II, III, IV, V, VIII, IX, X and XI, as well as the 2007 NBIC and the 2006 edition of API 510.

2) Wisconsin will now require the inspection of solid fuel fired water heating appliances. The appliance will be inspected after installation only and registered with the state. After the initial inspection, the appliance will be exempt from further periodic jurisdictional inspections.

(3) INITIAL INSPECTION OF SOLID FUEL-FIRED WATER-HEATING APPLIANCES.

(a) Except as specified in par. (b), the installation of a solid fuel-fired water-heating appliance shall be inspected by the department for compliance with this section before the appliance is placed in operation.

3) The safety valve inspection criteria has changed. The owner used to have to operate or test them every 12 months no matter what the service and now it has been changed to every 12 months or IAW the NBIC recommendations for safety valve testing.

(4) INSPECTION OF SAFETY VALVES AND SAFETY RELIEF VALVES.

The certified inspectors shall determine that safety valves and safety relief valves have been operated or tested at least once every 12 months or an owner or user may provide proof that testing is in compliance with the NBIC Part 2 section 2.5.8 relating to testing of safety relief valves.

4) The air receiver inspection exemption was changed from air receivers less than 12 cubic feet and with a operating pressure of less than 250 PSI

to read the following:

(L) Air receivers having a volume of less than 90 gallons and a working pressure less than 200 psig as stamped on the manufacturer's nameplate. Note: Ninety gallons equals 12.033 cubic feet.

The 2009 addenda to the ASME Boiler and Pressure Vessel Code is scheduled for release in July 2009 and based upon information provided ASME Section I will now reference and mandate the use of the 2007 Edition of B31.1 and B16.9 while SNT-TC-1A 2006 has been adopted for the guide in qualification on NDE personnel.

ASME Section IX will no longer reference "S" numbers and have been assigned "P" numbers. This will require revision to certain welding procedure specifications to reflect only "P" numbers, leaving the "S" number designator on the WPS but it no longer means anything except for work on existing projects where there may be "S" number materials.

ASME Code knowledge will now be verified by the ASME Team Leader during ASME surveys. The Qualification Review Report that each team leader completes and submits to the ASME Accreditation Department has a space to record this verification.

Contact (800) 989-7475

Tim Rhodes President ABIIC, RRG

Jerry Sturch COO- Engineering ABIIC, RRG

Wayne Jones Chief Inspector ABIIC, RRG