

Date Distributed:



**THE
NATIONAL
BOARD**
OF BOILER AND
PRESSURE VESSEL
INSPECTORS

NATIONAL BOARD SUBGROUP INSPECTION

AGENDA

Meeting of July 13th, 2021
Cincinnati, OH

The National Board of Boiler & Pressure Vessel Inspectors
1055 Crupper Avenue
Columbus, Ohio 43229-1183
Phone: (614)888-8320
FAX: (614)847-1828

1. Call to Order

8:00 AM Eastern Time. For those attending in person, the meeting room will be Rookwood on the 4th floor.

2. Introduction of Members and Visitors

3. Check for a Quorum

4. Awards/Special Recognition

None for this meeting.

5. Announcements

- The National Board will host a reception for all committee members and visitors on Wednesday evening from 5:30pm – 7:30 pm in the Continental Room on the Mezzanine Level.
- The National Board will host a breakfast for all committee members and visitors on Thursday morning at 7:00 am and a lunch at 11:30 am in the Rosewood room on the 4th floor of the Hotel.
- A coffee station with snacks will be provided in the morning and afternoon outside of the meeting rooms on the 3rd and 4th floors.
- The 2021 NBIC is available as of July 1st, 2021.

6. Adoption of the Agenda

7. Approval of the Minutes of the January 12th, 2021 Meeting

The minutes are available for review on the National Board website, www.nationalboard.org.

8. Review of Rosters ([Attachment Page 1](#))

a. Membership Nominations

Mr. William Hackworth (Authorized Inspection Agencies) is interested in becoming a member of Subgroup Inspection.

b. Membership Reappointments

The following Subgroup members are up for reappointment: Mr. Darrell Graf, Mr. Jim Getter, Mr. James Calvert, Mr. Mark Horbaczewski, and Mr. John Mangas. Their memberships are set to expire on August 30, 2021.

c. Officer Appointments

Mr. Darrell Graf's and Mr. Jim Getter's terms as Chair and Vice Chair are set to end on August 30, 2021. They are both eligible for reappointment to these positions.

9. Open PRD Items Related to Inspection - There are currently no open PRD items related to Inspection.

10. Interpretations - There are no Interpretations for Subgroup Inspection.

11. Action Items

Item Number: 18-43	NBIC Location: Part 2, Section 5	Attachment Page 2
General Description: Permanent nameplate removal from pressure vessel being removed from service Subgroup: Inspection Task Group: J. Roberts (PM), J. Burgess, J. Calvert, J. Clark, M. Sansone		
January 2021 Action: Progress Report: Mr. Roberts presented this item with the Subgroup. The Subgroup read through and discussed some of the disapproval comments from the Main Committee Letter Ballot. The Subgroup made a few changes to the proposal. The task group has decided to go back, address all the disapproval comments and revise the proposal as needed. They are hoping to have a revised proposal to present to the Subgroup after a breakout session or at the Subcommittee Inspection meeting.		

Item Number: 18-63	NBIC Location: Part 2	Attachment Page 5
General Description: Review inspection requirements for pressure vessels designed for high pressures Subgroup: Inspection Task Group: V. Scarcella (PM), J. Mangas, J. Peterson, T. Bolden and J. Castle		
January 2021 Action: <p>Mr. Scarcella presented this item to the group along with a proposal. The group had a few questions for the task group which were addressed. After further discussion, a motion was made to approve the proposal as presented. The motion was seconded and passed with 3 “disapproval” votes and 1 “not voting” vote. The disapproval responses are attached with the proposal.</p> <p>Update: A Review and Comment ballot was submitted to SC Inspection in May 2021.</p>		

Item Number: 19-46	NBIC Location: Part 2, S5.1	No Attachment
General Description: Revisions to Yankee dryer supplement in Part 2 (Scope) Subgroup: Inspection Task Group: T. Barker (PM), V. Newton, D. Lesage		
Explanation of Need: Ensure that wording in Part 2, S5.1, is identical to that found in Part 1, S1.1.		
January 2021 Action: Progress Report: Mr. Newton stated that Mr. Jessick is no longer in the position to be a part of the task group. Mr. Newton asked Mr. Barker to give a report on the item. Mr. Barker has stated there is a document that was revised, and not yet published, from TAPPI (Technical Association of the Pulp and Paper Industry) which is related to this subject. He would like to hold off on making any further changes until they review the revised document from TAPPI.		

Item Number: 19-63	NBIC Location: Part 2, S5.2	No Attachment
General Description: Changes to the Yankee Dryer Supplement (ASSESSMENT OF INSTALLATION)		
Subgroup: Inspection Task Group: T. Barker (PM), V. Newton, D. Lesage		
Explanation of Need: Ensure that wording in Part 2, S5.2, is identical to that found in Part 1, S1.2. Note that wording will be the same, but paragraph numberings will be different.		
January 2021 Action:		
Progress Report: Mr. Newton stated that Mr. Jessick is no longer in the position to be a part of the task group. Mr. Newton asked Mr. Barker to give a report on the item. Mr. Barker has stated there is a document that was revised, and not yet published, from TAPPI (Technical Association of the Pulp and Paper Industry) which is related to this subject. He would like to hold off on making any further changes until they review the revised document from TAPPI.		

Item Number: 19-64	NBIC Location: Part 2, S5.2.1	No Attachment
General Description: Changes to the Yankee Dryer Supplement (DETERMINATION OF ALLOWABLE OPERATING PARAMETERS)		
Subgroup: Inspection Task Group: T. Barker (PM), V. Newton, D. LeSage		
Explanation of Need: Ensure that wording in Part 2, S5.2.1, is identical to that found in Part 1, S1.3. Note that wording will be the same, but paragraph numberings will be different.		
January 2021 Action:		
Progress Report: Mr. Newton stated that Mr. Jessick is no longer in the position to be a part of the task group. Mr. Newton asked Mr. Barker to give a report on the item. Mr. Barker has stated there is a document that was revised, and not yet published, from TAPPI (Technical Association of the Pulp and Paper Industry) which is related to this subject. He would like to hold off on making any further changes until they review the revised document from TAPPI.		

Item Number: 20-5	NBIC Location: Part 2, 4.1 – 4.4	No Attachment
General Description: Add language in NBIC Pt2/Pt3 to minimize CSEs by allowing remote NDE.		
Subgroup: Inspection Task Group: V. Newton (PM), J. Morgan, M. Horbaczewski, D. Graf, D. LeSage, D. Rose		
Explanation of Need: In order to minimize higher-risk work, specifically Confined Space Entries, remote NDE methodologies should be specifically allowed by the NBIC, at the discretion of the people performing the inspections.		
January 2021 Action:		
Progress Report: Mr. Newton and Mr. Graf gave a progress report for this item.		

Item Number: 20-46	NBIC Location: Part 2, 5.3.2	No Attachment
<p>General Description: Updates to Forms NB-5, NB-6, & NB-7.</p> <p>Subgroup: Inspection</p> <p>Task Group: D. Buechel (PM), M. Sansone, V. Scarcella, D. LeSage</p> <p>Explanation of Need: On the current forms NB-5, NB-6, & NB-7 there are fields that are already on the ASME Manufactures Data Report making them repetitive. Other fields that ask for in- depth technical information would be hard if not impossible for an inspector to determine and are irrelevant to the inspection process.</p>		
<p>January 2021 Action:</p> <p>Progress Report: Mr. Buechel shared the information he has collected on the forms, and reported the changes he wants to make. He will be putting a list of the changes together, and the task group will work to create proposed forms showing all the changes. The group discussed how these forms are used, and if they are still used/needed. Mr. Buechel stated there are still a handful of Jurisdictions that use the forms. Mr. Sansone and Mr. LeSage will discuss these forms with the JRS group at their next meeting to get their input. They will then work with the task group so everyone is on the same page with how to move forward.</p>		

Item Number: 20-57	NBIC Location: Part 2, 4.4.1 a)	No Attachment
<p>General Description: Evaluate revision to Part 2, 4.4 FFS scope roles and responsibilities (submitted by Mr. George Galanes).</p> <p>Subgroup: Inspection</p> <p>Task Group: M. Horbaczewski (PM) and B. Ray.</p> <p>Explanation of Need: Currently, there is confusion surrounding implementation of FFS for Part 2 inspection activities, where the FFS form is located and Part 3 activities regarding Part 3, 3.3.4.8 because it references Part 2 for FFS. In addition, we need to have a Part 2 Inspection member to be assigned to assist in the development of roles and responsibilities.</p>		
<p>January 2021 Action:</p> <p>Chairman, Mr. Graf has presented this item to the group. After discussion, the group decided to create a Task Group.</p>		

Item Number: 20-59	NBIC Location: Part 2, 5.2.1 a)	No Attachment
<p>General Description: Temporary nameplate removal for external inspection (submitted by Mr. Doug Biggar).</p> <p>Subgroup: Inspection</p> <p>Task Group: T. Vandini (PM), B. Ray, J. Roberts, V. Newton, M. Sansone</p> <p>Explanation of Need: What is being added to NBIC part 2 (item 19-30) for NBIC 2021 edition: [(e) removal and re-attachment of the original manufacturer's nameplate shall only be done in accordance with NBIC Part 3, 5.11]. To have an inspector present onsite each time we need to have a nameplate temporarily removed has a cost that a commercial refurbisher such as ourselves would need to pass onto the customer as well as dramatically affect the efficiency of our assembly line.</p>		
<p>January 2021 Action:</p> <p>Chairman, Mr. Graf has presented this item to the group. The group reviewed the proposal. They discussed whether this item should be moved to Part 3 as opposed to Part 2. Mr. Wielgoszinski stated he does not believe the item should be moved to Part 3 because it is generally an inspection issue where this occurs. The group has decided to create a task group to see if the current wording in a) needs to be broken out, and they will also investigate adding information into this section to address "Detached Nameplates".</p>		

New Items:

Item Number: 21-25	NBIC Location: Part 2	Attachment Page 6
<p>General Description: Autoclave/Quick opening device PP (submitted by Kevin Hawes)</p> <p>Subgroup: Inspection</p> <p>Task Group: None assigned</p> <p>Explanation of Need: Upon our AIA (Intact) QRR I produced a Power point presentation on Autoclave inspections. Your NB team leader Gary Scribner suggested I forward this inspection presentation to the NB for review of content as mention of good reference material for next NBIC edition. I have attached a copy of this PP for your considerations.</p>		
<p>July 2021 Action:</p>		

12. Future Meetings

- January 18th-21st, 2022 – San Diego, CA
- July 2022 – TBD

13. Adjournment

Respectfully submitted,

A handwritten signature in black ink, reading "Jodi Metzmaier". The signature is written in a cursive, flowing style.

Jodi Metzmaier
Subgroup Inspection Secretary

Subgroup Inspection

Last Name	First Name	Interest Category	Role	Exp. Date	More
Graf	Darrell	National Board Certificate Holders	Chair	08/30/2021	Details
Getter	Jim	Manufacturers	Vice Chair	08/30/2021	Details
Metzmaier	Jodi		Secretary	01/30/2099	Details
Barker	Timothy	Authorized Inspection Agencies	Member	01/30/2024	Details
Brantley	Ernest	Authorized Inspection Agencies	Member	07/30/2022	Details
Buechel	David	Authorized Inspection Agencies	Member	07/30/2022	Details
Calvert	James	National Board Certificate Holders	Member	08/30/2021	Details
Clark	James	Manufacturers	Member	10/30/2022	Details
Horbaczewski	Mark	Users	Member	08/30/2021	Details
LeSage	Donnie	Jurisdictional Authorities	Member	07/30/2023	Details
Mangas	John	General Interest	Member	08/30/2021	Details
Newton	Venus	Authorized Inspection Agencies	Member	01/30/2022	Details
Petersen	Jeffrey	Users	Member	01/30/2023	Details
Ray	Brent	Users	Member	07/30/2023	Details
Roberts	James	Manufacturers	Member	08/30/2023	Details
Rose	David	Users	Member	10/30/2022	Details
Safarz	Jason	General Interest	Member	07/30/2023	Details
Sansone	Matthew	Jurisdictional Authorities	Member	01/30/2024	Details
Scarcella	Vincent	Authorized Inspection Agencies	Member	01/30/2023	Details
Vandini	Thomas	National Board Certificate Holders	Member	01/30/2023	Details
Welch	Paul	Authorized Inspection Agencies	Member	01/30/2022	Details

1.6 CHANGE OF SERVICE

Supplement 9 of this part provides requirements and guidelines to be followed when a change of service or service type is made to a pressure-retaining item.

Whenever there is a change of service, the Jurisdiction where the pressure-retaining item is to be operated, shall be notified for acceptance, when applicable. Any specific jurisdictional requirements shall be met.

1.7 SCRAPPING PRESSURE RETAINING ITEMS

The owner or user shall deface, beyond recognition and remove the code nameplate(s) or stamping of any pressure retaining item that is scrapped. The removal or defacement of the Code nameplate(s) should be verified by the Inspector, and the National Board form NB-XXX shall be completed and submitted to the National Board and Jurisdiction, if required.

ADD DEFINITION:

SCRAPPED – Permanent removal from service by owner's or user's procedures.

Scrapping of Pressure Retaining Items
In accordance with provisions of the National Board Inspection Code

1.Submitted to:

Name of Jurisdiction

Address

Phone Number

2. Submitted by:

(Name of Owner/User)

Address

Phone Number

3. Manufactured by:
(name and address)

4. Location of Installation:
(address)

5. Manufacturer's Data Report:

☐ YES ☐ NO

6. Item Registered with National Board:

☐ YES ☐ NO

NB Number: _____

7. Item Identification:

Year Built: _____

Mfr. Serial No.: _____

Type: _____

Jurisdiction no.: _____

Dimensions: _____

MAWP: _____

8. Date of removal or defacement of the Code nameplate(s) _____

9. I certify that to the best of my knowledge and belief the statements in this report are correct, and with provisions of the National Board Inspection Code.

Name of Owner or User: _____

Signature: _____ Date: _____

Instructions for Completing the Form NB-XXX, Scrapping of Pressure Retaining Items Form

Items 1-9 shall be completed by the owner, user, or "R" Stamp Holder making the request.

- 1) The name, address, and phone number of the Jurisdiction, Authorized Inspection Agency (when there is no Jurisdiction) the form is being submitted to for approval.
- 2) Enter the name and address of your company or organization.
- 3) Enter the name and address of the manufacturer shown on the name plate.
- 4) Enter the name and address of the location where the pressure-retaining item is installed. If this is the same as number 2, check the box "same as # 4."
- 5) Manufacturer's Data Report Attached-check the appropriate box.
- 6) Is the pressure-retaining item registered with the National Board? Check the appropriate box. If yes, provide the National Board Registration Number.
- 7) Provide as much information as known to help identify the pressure-retaining item.
- 8) Enter date the removal or defacement of the Code nameplate.
- 9) Enter the name and signature of the owner, user, or "R" Stamp Holder (and "R" Stamp number if applicable).

Note: Once completed the requester shall file a copy with the Jurisdiction where the pressure retaining item is installed, the National Board (if registered with the National Board), and the owner or user of the vessel if the request was made by an "R" Stamp Holder, and upon request to the Authorized Inspection Agency who witnessed the removal or defacement of the nameplate.

2.3.6.11 INSPECTION OF VESSELS FOR PRESSURES AT AND ABOVE 10,000 PSI

- a) This section provides guidelines for the inspection of pressure vessels designed for pressures at or above 10,000 PSI.
- b) Inspector shall verify the vessel is constructed to a standard acceptable to the jurisdiction.
- c) The inspector shall verify the following requirements as part of the inspection:
 - 1) Records are being kept of cycles;
 - 2) Complete documentation of installation of safety interlocks required by the manufacturer and the jurisdiction for the vessel with listed set points, readily available to the operator and inspector. All devices must be listed;
 - 3) Documentation safety device alarms and interlock checks are being completed on each protective device and controls are calibrated in accordance with manufacturers specifications;
 - 4) Operators and maintenance personnel are trained for the inspection, maintenance and operation of the vessel and systems; and
 - 5) Documentation of pressure relief device inspection and testing.
- d) Vessels constructed for a set number of cycles, as defined by the code of construction, which have reached the end of those cycles, must be removed from service or requalified for continued use. Any requalification for continued service must be completed in accordance with the requirements of the jurisdiction, where applicable. The inspector shall verify that documentation of any requalification is retained.
- e) Regualification of any vessel shall either be completed by the original manufacturer or a manufacturer familiar with the construction of pressure vessels at and above 10,000 PSI. Guidance for completing regualification can be found in ASME PCC-3, *Inspection Planning and Using Risk-Based Methods*.

PROPOSED REVISION OR ADDITION

Item No. 21-25
Subject/Title Autoclave/Quick opening device PP
NBIC Location Part: Inspection; Section: Autoclaves; Paragraph: TBD
Project Manager and Task Group
Source (Name/Email) Kevin Hawes / kevin.hawes@intact.net
Statement of Need See comments in Background
Background Information Upon our AIA (Intact) QRR I produced a Powerpoint presentation on Autoclave inspections. Your NB team leader Gary Scribner suggested I forward this inspection presentation to the NB for review of content as mention of good référence material for next NBIC edition. I have attached a copy of this PP for your considérations
Existing Text
Proposed Text SEE comments in Background

VOTE:							
COMMITTEE	Approved	Disapproved	Abstained	Not Voting	Passed	Failed	Date