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

## **SUBCOMMITTEE INSTALLATION**

### *MINUTES*

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*Meeting of October 20, 2014  
Columbus, Ohio*

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## **1. Call to Order – 11:00 a.m.**

Chairman Michael Richards called the meeting to order at 11:00 a.m.

## **2. Announcements**

Mr. Gary Scribner briefly went over the four resolutions for the public review comments and how the agenda was laid out. The public review comments (PRCs) were grouped by commenter and type. The voting on the resolution of the comments will be taken in these groups.

## **3. Adoption of the Agenda**

There was a motion to approve the agenda as written. The motion was unanimously approved.

## **4. Public Review Comments**

### **5. Commenter Name: Nathan Carter – Editorial Part 1**

**PR15-0139 - Part 1, S5.3.3** - Second Line. To be consistent, remove the quotation marks that denote inches for “4” and “2” and replace the with “in”. Also include metric equivalent.

**PR15-0160 – Part 1, S5.5.1 a) c)** - In "a)", "assure" is used incorrectly. It should read "ensure". To “assure” a person of something is to make him or her confident of it. To “ensure” that something happens is to make certain that it does. In "c)", add the metric equivalents for the temperature and pressure given.

**PR15-0140 – Part 1, S5.5.5** - Second paragraph, first line. Replace the “1” with “1 in.”, which is standard notation.

**PR15-0141 – Part 1, S5.5.7 e) 3) b)** - Fifth row down. Add “e.g.” before “1000 deg F”. Also change “deg F” to “°F” in two places on that line. Also insert the metric equivalent.

There was a motion to respond to the commenter with the resolution of, “Accepted, changes are incorporated.” for all of the aforementioned comments. The motion was unanimously approved with a voice vote from Mr. Geoff Halley.

### **Commenter Name: Alex Garbolevsky**

**PR15-0301 - Part 1, S4.5 a) 3)** - The metric conversion of 100 psig to “690 kPa” is converted as “700 kPa” in other portions of the text. A consistent conversion should be used throughout. (I did not check whether 30 psig was being converted consistently. This should be checked.)

**PR15-0302 -Part 1, S4.6 b)** - The abbreviation "PLC" is not defined / identified. It is first used here in the text. I am not sure if it is defined or identified elsewhere.

**PR15-0303 – Part 1, 5.3.4 a)** - The SI value for “18 in.” should probably be 460 mm. See S5.4.2.c).1). In any event, 457 mm is not a “user friendly” number. SI unit users would be most likely to use a value of 450, 455 or 460.

**PR15-0304 - Part 1 – S5.3.4 b) and S5.3.4 c)** - In S5.3.4 b), the value for “60 in.” is incorrectly metricated. In S5.3.4 c), the value for “18 in.” is incorrectly metricated.

**PR15-0305 - Part 1 – S5.5.5** - Nominal Pipe Size (NPS) is a dimensionless unit. The use of “inches”

and “mm” with NPS is incorrect. The value should be expressed as “NPS 1 (DN 25)”.

**PR15-0306 - Part 1 – S5.5.7 e) 3) b) -** The chemical symbol for carbon dioxide should be expressed as “CO[subscript 2]” rather than “CO2”. There is inconsistent use of both versions in the text.

**PR15-0307 – Glossary -** Dense phase pneumatic system(s) – Check SI conversion of 30 to 100 psig for consistency with other uses in the text (e.g. 690 kPa or 700 kPa for 100 psig.)

Lean phase pneumatic system(s) – Consider changing the phrase “in the region of” to “approximately” since region implies a range and only one value is given.

There was a motion to respond to all of Mr. Garbolevsky’s comments with the resolution of “Accepted changes are incorporated.” The motion was unanimously approved with a voice vote from Mr. Halley.

**Commenter Name: Brian Moore**

**PR15-0203 -Part 1 – 2.1-** Part 1 Section 2 is the correct reference for Power Boilers. The change should be deleted.

There was a motion to respond to the commenter with the resolution of, “Rejected for the following reason.’ The reason is that the correct reference was listed in the public review document. The motion was unanimously approved with a voice vote from Mr. Halley.

## **9. New Business**

There was no new business to address

## **10. Future Meetings**

January 19-23, 2015, Orlando, Florida

July 21-24, 2015, Columbus, Ohio

## **11. Adjournment**

The meeting was adjourned at 12:05 p.m.

Respectfully Submitted,

Robin Hough

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