DIRECTORY OF REVISIONS 2013 EDITION

Part 1 Installation

Paragraph Reference:

- 2.2, 3.2, 3.2.1, 3.2.2, 3.2.3, 4.2
  Definitions appearing in these sections were moved to the Glossary
- 4.7
  Added requirements for installation of hot water storage tanks
- S3-S3.6
  Added a complete new supplement for Installation of liquid Carbon Dioxide Storage Vessels including reference tables and charts

Part 2 Inspection

Paragraph Reference:

- 1.3
  Added new standards for reference
- 1.5.2.1
  Added text concerning inspection planning
- 2.2.10.6
  Added text for operating controls
- 2.3.6.5
  Added text for the inspection of Anhydrous Ammonia Nurse Tanks
- 2.3.6.7
  Added text for inspection of Pressure Vessels for Human Occupancy
- 4.3.1.1
  Text was revised to change the word “metal” to “material”.
- 5.3.4
  Revised forms NB-6 and NB-7 to be more consistent with current Jurisdictional forms
- S1.1
  Added scope for Supplement 1, Steam Locomotive Firetube Boiler Inspection and Storage
- S2.1
  Clarified the scope for Supplement 2, Inspection of Historical Steam Boilers
- S2.7.3.1
  Added text for the initial inspection of Historical Boilers
- S2.10.2
  Added text and figures to include rivet heads
- S2.10.2.1
  Added new wording for the Inspection of Corroded Rivets
- S2.10.4.1
  Added new wording and tables addressing staybolts
• S7.2
  Revised text to include the specific location for commercially refurbished containers
• S7.3
  Added new wording for the inservice inspection for containers in LP Gas service
• S7.4
  Added new wording to address the external inspection of pressure vessels in liquefied petroleum gas service
• S7.8.6
  Added text for the inspection of Anhydrous Ammonia Containers
• S7.9
  Added text to address ASME LPG containers less than 2000 gallons being refurbished by a commercial source

Part 3 Repair and Alteration

Paragraph Reference:
• 1.3.2
  Added text verifying the existence of a name plate
• 1.5 – 1.8
  Administrative requirements were removed and placed on the National Board website (see NB-415, NB-514, NB-417)
• 1.6.5.1
  Revised text in the outline of requirements for a quality system for qualification of the National Board “R” Certificate
• 1.7.7.5
  Added text clarifying welding references
• 1.8.5.1
  Added text establishing guidelines for internal audits
• 2.2.6
  Revised text concerning welder’s continuity
• 2.5.1
  Table was revised to include P-No 15 E Group 1
• 2.5.2 b)
  Revised text addressing post weld heat treatment
• 2.5.3.1
  Revised text to include different temperatures for P-No. 1 Groups.
• 2.5.3.2
  Revised text in Welding method 2.
• 2.5.3.4
  Revised text in Welding method 4.
• 3.2.1
  Clarified text to include what can be welded.
• Added wording to address alternative welding methods without postweld heat treatment
3.3.4.3
Addressed welding requirements for wasted areas for tubes

4.4.1a) and 4.4.2 a)
Replaced wording and added a table to address liquid pressure tests

4.5.3
Revised text for use of lift assist devices

5.2
Revised text for documentation of “R” forms

5.5
Revised text for registration of “R” Forms

5.5.2
Revised text for Registration for Alterations to include the Quality System Manual.

5.8.2
Revised text concerning Stamping for Alterations

5.12.4
Revised text for the Test only nameplate

5.13.4.1
Revised text on R-2 Instruction sheet item #12

S1.1
Revised text to include scope

S1.2.2
Revised text concerning Threaded Staybolts

S1.2.9.7
Revised text concerning Ferrules

S1.2.12.1
Revised text concerning the Caulking of Riveted Seams and Rivet Heads

S2.7.1
Revised material list for Historical Boilers

S2.13.9.1
Revised text and figures concerning Weld Buildup of Wastage and Grooving in Unstayed Areas

S2.13.9.2
Revised text and added new figures of cracks in unstayed areas

S2.13.10.1
Revised text concerning Weld Buildup of Wastage and Grooving in Stayed areas

S2.13.10.2
Revised text concerning Welded Repair of Cracks in Stayed Areas

S2.13.10.4
Revised text concerning the Repair of Stayed Firebox Sheets Grooved or Wasted at the mudring

S2.13.13.1 a)
Revised text to clarify use of caulking tool
• S2.13.14.2
  Revised text concerning the repair of Handhole Openings
• S2.13.14.3
  Revised text and figure for repair of fusible plug opening
• S3 5.5
  Added text regarding the plugging or leaking of a damaged tubes
• S7.10.1
  Revised text to include confirming or restoring name plate set pressure

Glossary
• Several new definitions were added to appear in all three parts of the book.