

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.