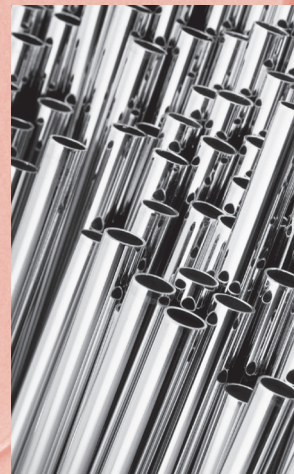
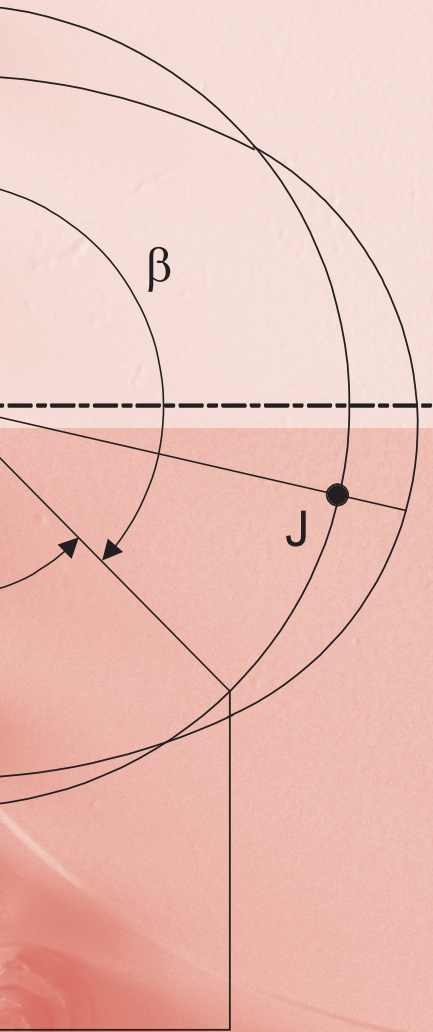


2013

ASME Boiler and
Pressure Vessel Code
AN INTERNATIONAL CODE

Code Cases

Boilers and Pressure Vessels



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2013 ASME Boiler & Pressure Vessel Code

2013 Edition

July 1, 2013

CODE CASES

Boilers and Pressure Vessels



The American Society of
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(13)

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INTERPRETATIONS

ASME issues written replies to inquiries concerning interpretation of technical aspects of the Code.

Interpretations of the Code are posted in January and July at <http://cstools.asme.org/interpretations.cfm>. Any Interpretations issued during the previous two calendar years are included with the publication of the applicable Section of the Code. Interpretations of Section III, Divisions 1 and 2 and Section III Appendices are included with Subsection NCA.

CODE CASES

The Boiler and Pressure Vessel Code committees meet regularly to consider proposed additions and revisions to the Code and to formulate Cases to clarify the intent of existing requirements or provide, when the need is urgent, rules for materials or constructions not covered by existing Code rules. Those Cases that have been adopted will appear in the appropriate 2013 Code Cases book: "Boilers and Pressure Vessels" or "Nuclear Components." Supplements will be sent automatically to the purchasers of the Code Cases books up to the publication of the 2015 Code.

SUMMARY OF CHANGES

The 2013 Edition of the Code Cases includes all Code Case actions published through Supplement 11 to the 2010 Edition. The 2015 Edition of the Codes Cases will include Code Case actions published through Supplement 7 to the 2013 Edition.

Changes given below are identified on the pages by a margin note, **(13)**, placed next to the affected area. Errata are identified by a margin note, **(E)**, placed next to the affected area.

<i>Page</i>	<i>Location</i>	<i>Change</i>
iv	List of Sections	Revised
viii	Cross-Referencing and Stylistic Changes in the Boiler and Pressure Vessel Code	Added
xi	Numeric Index	Updated
xv	Subject Index	Updated
xxi	Index of Material Specifications Referred to in Cases	Updated
1 (2153-2)	2153-2	Revised
1 (2192-8)	2192-8	Revised
1 (2245-2)	2245-2	Incorporated, will be annulled 6 months after publication of the Edition
1 (2344-4)	2344-4	Revised
1 (2382-6)	2382-6	Revised
1 (2410)	2410	Annulled
1 (2594-1)	2594-1	Revised
1 (2626)	2626	Annulled
1 (2642)	2642	Incorporated, will be annulled 6 months after publication of the Edition
1 (2651-1)	2651-1	Annulled
1 (2661-1)	2661-1	Revised
1 (2662)	2662	Annulled
1 (2701-1)	2701-1	Revised
1 (2710-1)	2710-1	Revised
1 (2714-1)	2714-1	Revised
1 (2736-1)	2736-1	Revised
1 (2737-1)	2737-1	Revised
1 (2748)	2748	Added
1 (2749)	2749	Added
1 (2750)	2750	Added
1 (2751)	2751	Added
1 (2752)	2752	Added
1 (2753)	2753	Added
1 (2754)	2754	Added

<i>Page</i>	<i>Location</i>	<i>Change</i>
1 (2755)	2755	Added
1 (2756)	2756	Added
1 (2757)	2757	Added
1 (2758)	2758	Added
1 (2759)	2759	Added

(13) **CROSS-REFERENCING AND STYLISTIC CHANGES IN THE BOILER AND PRESSURE VESSEL CODE**

There have been structural and stylistic changes to BPVC, starting with the 2011 Addenda, that should be noted to aid navigating the contents. The following is an overview of the changes:

Subparagraph Breakdowns/Nested Lists Hierarchy

- First-level breakdowns are designated as (a), (b), (c), etc., as in the past.
- Second-level breakdowns are designated as (1), (2), (3), etc., as in the past.
- Third-level breakdowns are now designated as (-a), (-b), (-c), etc.
- Fourth-level breakdowns are now designated as (-1), (-2), (-3), etc.
- Fifth-level breakdowns are now designated as (+a), (+b), (+c), etc.
- Sixth-level breakdowns are now designated as (+1), (+2), etc.

Footnotes

With the exception of those included in the front matter (roman-numbered pages), all footnotes are treated as endnotes. The endnotes are referenced in numeric order and appear at the end of each BPVC section/subsection.

Submittal of Technical Inquiries to the Boiler and Pressure Vessel Standards Committees

Submittal of Technical Inquiries to the Boiler and Pressure Vessel Standards Committees has been moved to the front matter. This information now appears in all Boiler Code Sections (except for Code Case books).

Cross-References

It is our intention to establish cross-reference link functionality in the current edition and moving forward. To facilitate this, cross-reference style has changed. Cross-references within a subsection or subarticle will not include the designator/identifier of that subsection/subarticle. Examples follow:

- *(Sub-)Paragraph Cross-References.* The cross-references to subparagraph breakdowns will follow the hierarchy of the designators under which the breakdown appears.
 - If subparagraph (-a) appears in X.1(c)(1) and is referenced in X.1(c)(1), it will be referenced as (-a).
 - If subparagraph (-a) appears in X.1(c)(1) but is referenced in X.1(c)(2), it will be referenced as (1)(-a).
 - If subparagraph (-a) appears in X.1(c)(1) but is referenced in X.1(e)(1), it will be referenced as (c)(1)(-a).
 - If subparagraph (-a) appears in X.1(c)(1) but is referenced in X.2(c)(2), it will be referenced as X.1(c)(1)(-a).
- *Equation Cross-References.* The cross-references to equations will follow the same logic. For example, if eq. (1) appears in X.1(a)(1) but is referenced in X.1(b), it will be referenced as eq. (a)(1)(1). If eq. (1) appears in X.1(a)(1) but is referenced in a different subsection/subarticle/paragraph, it will be referenced as eq. X.1(a)(1)(1).

NOTES TO NUMERIC INDEX

- All Code Cases remain available for use until annulled by the ASME Boiler and Pressure Vessel Standards Committees. Code Cases will be reviewed routinely for possible incorporation into the body of the ASME Boiler and Pressure Vessel Code.
- Supplement 11 is the last supplement published for the 2010 edition. Supplement 12 is incorporated into the 2013 edition.
- Cases may be used beginning with the date of approval shown on the Case.
- Annulled Cases will remain in the Numeric Index until the next Edition, at which time they will be deleted.
- Newly revised cases supersede previous versions. An "S" is placed in the Numeric Index next to the superseded code case.
- The digit following a Case Number is used to indicate the number of times a Case has been revised.
- The Cases are arranged in numerical order, and each page of a Case is identified at the top with the appropriate Case Number.

Legend of Abbreviations

Supp. = Supplement
R = Reinstated
S = Superseded