

## Comment Deadline: April 15, 2007

### ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)

#### Supplements

BSR/ASHRAE 15a-200x, Safety Standard for Refrigeration Systems (supplement to ANSI/ASHRAE 15-2001)

This proposed addendum revises the requirements for terminating relief vent discharge lines to atmosphere to include any system requiring a machinery room. Currently, there are several requirements that dictate that the discharge vent be to atmosphere; however, there are situations where a machinery room is required but the provisions that trigger piping discharge lines to atmosphere may not apply. As a result, one could interpret that discharging lines into a machinery room is permissible.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:  
public.review.comment@ashrae.org

BSR/ASHRAE 34a-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds a designation of R-429A to the blend R-E170/152a/600a (60.0/10.0/30.0) with composition tolerances of (+/- 1.0, +/- 1.0, +/- 1.0), a safety classification of A3 and a RCL of 6,300 ppm, 13 g/m<sup>3</sup>, 0.81 lb/Mcf.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:  
public.review.comment@ashrae.org

BSR/ASHRAE 34b-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds a designation of R-430A to the blend R-152a/600a (76.0/24.0) with composition tolerances of (+/- 1.0, +/- 1.0), a safety classification of A3 and a RCL of 8,000 ppm, 21 g/m<sup>3</sup>, 1.3 lb/Mcf.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:  
public.review.comment@ashrae.org

BSR/ASHRAE 34c-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds a designation of R-431A to the blend R-290/152a (71.0/29.0) with composition tolerances of (+/- 1.0, +/- 1.0), a safety classification of A3 and a RCL of 5,500ppm, 11g/m<sup>3</sup>, 0.69 lb/Mcf.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:  
public.review.comment@ashrae.org

BSR/ASHRAE 34d-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds a designation of R-432A to the blend R-1270/E170 (80.0/20.0) with composition tolerances of (+/-1.0, +/- 1.0), a safety classification of A3 and a RCL of 1,200 ppm, 2.1 g/m<sup>3</sup>, 0.13 lb/Mcf.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:  
public.review.comment@ashrae.org

BSR/ASHRAE 34e-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum adds a designation of R-433A to the blend R-1270/290 (30.0/70.0) with composition tolerances of (+/- 1.0, +/- 1.0), a safety classification of A3 and a RCL of 3,100 ppm, 5.5 g/m<sup>3</sup>, 0.34 lb/Mcf.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:  
public.review.comment@ashrae.org

BSR/ASHRAE 34f-2007, Designation and Safety Classification of Refrigerants (supplement to ANSI/ASHRAE 34-2007)

This addendum updates the RCL value for R-C318 in Table 1 to 80,000 ppm and adds RCL values for R-427A and R-428A in Table 2.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:  
public.review.comment@ashrae.org

BSR/ASHRAE/IESNA 90.1c-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2007)

This addendum adds vivariums to the list of spaces that require specific humidity levels to satisfy process needs in Section 6.5.2.3.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:  
public.review.comment@ashrae.org

BSR/ASHRAE/IESNA 90.1b-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2007)

In exception section 6.5.2.3(a) of ASHRAE Standard 90.1-2004, the reference to the requirements of 62.1 as the minimum ventilation required is an example the conflict between 90.1 and a reference standard. This addendum corrects the reference by eliminating the specific section and denoting only ASHRAE Standard 62.1 and allows for another, higher outdoor ventilation rate to be set by the regulating body for these specific applications.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:  
public.review.comment@ashrae.org

BSR/ASHRAE/IESNA 90.1a-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (supplement to ANSI/ASHRAE/IESNA 90.1-2007)

This proposed addendum seeks to clarify that the current cooling tower requirements in the Standard apply to open circuit cooling towers only, until such time that separate requirements for closed circuit cooling towers are established in the Standard.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to:  
public.review.comment@ashrae.org

### ASME (American Society of Mechanical Engineers)

#### New Standards

BSR/ASME A112.3.1-200x, Stainless Steel Drainage Systems for Sanitary DWV, Storm, and Vacuum Applications, Above and Below-Ground (new standard)

This Standard establishes material, dimensions, mechanical, and physical (including marking) requirements for socket-type, seam-welded, stainless steel pipe, fittings, joints, and drains for use in plumbing sanitary and storm, drain, waste and vent (DWV), and vacuum systems. It includes minimum requirements for workmanship, dimensions, weld strength, pressure testing, marking, which incorporates a push-fit joining method.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Calvin Gomez, ASME;  
gomezc@asme.org











































































































