listed has been approved for incorpora-
tion by reference by the Director of the
Federal Register in accordance with 5
U.S.C. 552(a) and 1 CFR part 51. Any
subsequent amendment to a standard
by the standard-setting organization
will not affect the DOE regulations un-
less and until amended by DOE. Mate-
rial is incorporated as it exists on the
date of the approval and a notice of
any change in the material will be pub-
lished in the FEDERAL REGISTER. All
approved material is available for in-
spection at the National Archives and
Records Administration (NARA). For
information on the availability of this
material at NARA, call (202) 741–6030 or
visit http://www.archives.gov/
/code_of_federal_regulations/
/ibr_locations.html. This material is also
available for inspection at U.S. Depart-
ment of Energy, Office of Energy Effi-
ciency and Renewable Energy, Building
Technologies Program, 6th Floor, 950
L’Enfant Plaza, SW., Washington, DC
20024, 202–586–2945, or visit http://
www1.eere.energy.gov/buildings/
appliance_standards. Standards can be
obtained from the sources listed below.

(b) ANSI. American National Stan-
dards Institute, 25 W. 43rd Street, 4th
Floor, New York, NY 10036, 212–642–4900,
or visit http://www.ansi.org.

(1) ANSI/AHAM HRF–1–2004, Energy,
Performance and Capacity of House-
hold Refrigerators, Refrigerator-Freez-
ers and Freezers, approved July 7, 2004,
IBR approved for §§ 431.292 and 431.294.

(2) ANSI/ASHRAE Standard 32.1–2004,
Methods of Testing for Rating Vending Ma-
chines for Bottled, Canned, and Other
Sealed Beverages, approved December 2, 2004,
IBR approved for § 431.294.

[74 FR 44967, Aug. 31, 2009]

§ 431.294 Uniform test method for the
measurement of energy consump-
tion of refrigerated bottled or
canned beverage vending machines.

(a) Scope. This section provides test
procedures for measuring, pursuant to
EPCA, the energy consumption of re-
frigerated bottled or canned beverage
vending machines.

(b) Testing and Calculations. (1) The
test procedure for energy consumption of refrigerated bottled or canned bev-
erage vending machines shall be con-
ducted in accordance with the test pro-
dcedures specified in section 4, “Instru-
ments,” section 5, “Vending Machine
Capacity,” section 6, “Test Condi-
tions,” and sections 7.1 through 7.2.3.2,
under “Test Procedures,” of ANSI/
ASHRAE Standard 32.1–2004, “Methods
of Testing for Rating Vending Ma-
chines for Bottled, Canned, and Other
Sealed Beverages.” (Incorporated by
reference, see § 431.293) In Section 6.2,
“Voltage and Frequency,” test equip-
ment with dual nameplate voltages at
the lower of the two voltages only.

(2) Determine “vendible capacity” of
refrigerated bottled or canned beverage
vending machines in accordance with
the second paragraph of section 5,
“Vending Machine Capacity,” of ANSI/
ASHRAE Standard 32.1–2004, “Methods
of Testing for Rating Vending Ma-
chines for Bottled, Canned, and Other
Sealed Beverages,” (Incorporated by
reference, see § 431.293) and measure
“refrigerated volume” of refrigerated
bottled or canned beverage vending
machines in accordance with the meth-
ology specified in section 5.2, “Total
Refrigerated Volume,” (excluding sub-
sections 5.2.2.2 through 5.2.2.4) of the
ANSI/AHAM HRF–1–2004, “Energy, Per-
f ormance and Capacity of Household
Refrigerators, Refrigerator-Freezers
and Freezers.” (Incorporated by ref-
ERENCE, see §§ 431.63 and 431.293).

ENERGY CONSERVATION STANDARDS

§ 431.296 Energy conservation stand-
ards and their effective dates.

Each refrigerated bottled or canned
beverage vending machine manufactured
on or after August 31, 2012 shall
have a maximum daily energy con-
sumption (in kilowatt hours per day),
when measured at the 75 °F ± 2 °F and
45 ± 5% RH condition, that does not ex-
ceed the following:

<table>
<thead>
<tr>
<th>Equipment class</th>
<th>Maximum daily energy consumption (kilowatt hours per day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class A</td>
<td>MDEC = 0.055 × V + 2.56.</td>
</tr>
<tr>
<td>Class B</td>
<td>MDEC = 0.073 × V + 3.16.</td>
</tr>
<tr>
<td>Combination Vending Machines</td>
<td>[RESERVED].</td>
</tr>
</tbody>
</table>

[74 FR 44967, Aug. 31, 2009; 74 FR 45980, Sept. 8, 2009]