ERRATA SHEET FOR THE
USER'S MANUAL
TO
ANSI/ASHRAE/IESNA STANDARD 90.1-2001 Energy Standard for Buildings Except Low-Rise Residential Buildings

August 20, 2008

The corrections listed in this errata sheet apply to all copies of ANSI/ASHRAE/IESNA Standard 90.1-2001, User's Manual. Shaded items have been added since the previously published errata sheet dated April 20, 2005 was distributed.

NOTICE: Check the ASHRAE website, http://www.ashrae.org/technology/page/120, for the latest updates to the Standard 90.1-2001 User's Manual ENVSTD 4.0 software.

Page	Erratum
7-17	**Service Water Heating Compliance Documentation (Compliance Form).** Under the Mandatory Provisions Checklist items 2 and 3 of the Service Water Heating Compliance Documentation compliance form change "Table 6.2.4.5" to "Table 6.2.4.1.3".
7-17	**Service Water Heating Compliance Documentation (Compliance Form).** In the Equipment Efficiency Worksheet (§7.2.1), seventh column titled "Standby Loss", change "≥" (greater than or equal) to "≤" (less than or equal) in five places. In the Combination Space and Water Heating Worksheet (§7.3.1), second column titled "Standby Loss Method", change "≥" (greater than or equal) to "≤" (less than or equal), in five places. Also, in the Combination Space and Water Heating Worksheet (§7.3.1), third and fourth columns, change "≥" (greater than or equal) to "<" (less than) in five places in each of the two columns column.
9-33	**Table 9-H Power for Compact Fluorescent Lamps.** Replace the existing Table 9-H with the attached corrected Table 9-H suitable for cutting-and-pasting into the existing User's Manual. Note: These are the lamp and ballast types and values that were available in 1999 when this table was created. Substantial revision will be required for the 2004 edition of the User's Manual to reflect current technologies and markets.

Table 9-H – Power for Compact Fluorescent Lamps

Lamp Type	Ballast Type	Input Watts *
5-watt twin-tube	Reactor (magnetic) preheat	9
7-watt twin-tube	Reactor (magnetic) preheat	11
9-watt twin-tube	Reactor (magnetic) preheat	13
13-watt twin-tube	Reactor (magnetic) preheat	17
9-watt quad-tube	Reactor (magnetic) preheat	13
13-watt quad-tube	Reactor (magnetic) preheat	17
10-watt quad-tube	Autotransformer preheat	16
	Reactor (magnetic) preheat	13
13-watt quad-tube	Autotransformer preheat	18
	Reactor (magnetic) preheat	16
15-watt quad-tube	Reactor (magnetic) preheat	20
18-watt quad-tube	Autotransformer preheat	25
	Reactor (magnetic) preheat	22
18-20-watt twin-tube	370 mA preheat or rapid-start	22
18-watt twin-tube	270 mA rapid-start	23
	265 mA electronic IS	23
20-watt quad-tube	Reactor (magnetic) preheat	27
24-27-watt quad-tube	340 mA rapid-start	32
	265 mA electronic IS	27
26-watt quad-tube	Autotransformer preheat	37
	Reactor (magnetic) preheat HPF	33
	Electronic HPF	23
27-watt quad-tube	Reactor (magnetic) preheat	34

* Input watts are approximate.