

2012 International Building Code

Errata

(Portions of text and tables not shown are unaffected by the errata)

SEVENTH PRINTING (Updated Oct. 27, 2014)

CHAPTER 34 EXISTING STRUCTURES

3412.6.11 Means of egress capacity and number. Evaluate the *means of egress* capacity and the number of exits available to the building occupants. In applying this section, the *means of egress* are required to conform to the following sections of this code: 1003.7, 1004, 1005, 1014.2, 1014.3, 1015.2, 1021, ~~1024.4~~ 1025.1, 1027.2, 1027.5, 1028.2, 1028.3, 1028.4 and 1029. The number of exits credited is the number that is available to each occupant of the area being evaluated. Existing fire escapes shall be accepted as a component in the *means of egress* when conforming to Section 3406.

Under the categories and occupancies in Table 3412.6.11, determine the appropriate value and enter that value into Table 3412.7 under Safety Parameter 3412.6.11, Means of Egress Capacity, for means of egress and general safety.

TABLE 3412.6.11
MEANS OF EGRESS VALUES

OCCUPANCY	CATEGORIES				
	a ^a	b	c	d	e

(Portions of table and footnotes not shown remain unchanged)

2012 International Building Code Errata

(Portions of text and tables not shown are unaffected by the errata)

SIXTH PRINTING (Updated May 12, 2014)

CHAPTER 34 EXISTING STRUCTURES

TABLE 3412.6.19 INCIDENTAL USE AREA VALUES-

(Note: This table was revised in 2nd list errata. The correction to the reference at the bottom was not picked up.)

PROTECTION REQUIRED BY TABLE 509	PROTECTION PROVIDED						
	None	1 Hour	AS	AS with SP	1 Hour and AS	2 Hours	2 Hours and AS
2 Hours and AS	-4	-3	-2	-2	-1	-2	0
2 Hours, or 1 Hour and AS	-3	-2	-1	-1	0	0	0
1 Hour and AS	-3	-2	-1	-1	0	-1	0
1 Hour	-1	0	-1	0	0	0	0
1 Hour, or AS with SP	-1	0	-1	0	0	0	0
AS with SP	-1	-1	-1	0	0	-1	0
1 Hour or AS	-1	0	0	0	0	0	0

AS = Automatic sprinkler system; SP = Smoke partitions (See Section ~~508.2.5~~ [509.4.2](#)).

Note: For Table 3412.7, see next page.

2012 International Building Code Errata

(Portions of text and tables not shown are unaffected by the errata)

FIFTH PRINTING (Updated March 28, 2014)

CHAPTER 34 EXISTING STRUCTURES

3412.6.6 Vertical openings. Evaluate the *fire-resistance rating* of exit enclosures, hoistways, escalator openings and other shaft enclosures within the building, and openings between two or more floors. Table 3412.6.6(1) contains the appropriate protection values. Multiply that value by the construction type factor found in Table 3412.6.6(2). Enter the vertical opening value and its sign (positive or negative) in Table 3412.7 under Safety Parameter 3412.6.6, Vertical Openings, for fire safety, means of egress, and general safety. If the structure is a one-story building or if all the unenclosed vertical openings within the building conform to the requirements of Section ~~708-712~~, enter a value of 2. The maximum positive value for this requirement shall be 2.

**TABLE 3412.7
SUMMARY SHEET BUILDING CODE**

SAFETY PARAMETERS	FIRE SAFETY (FS)	MEANS OF EGRESS (ME)	GENERAL SAFETY (GS)
3412.6.16 Mixed occupancies		****	
3412.6.17 Automatic sprinklers		÷2=	
3412.6.18 Standpipes			
3412.6.19 Incidental Use			

(Portions not shown remain unchanged)

**TABLE 3412.9
EVALUATION FORMULAS^a**

FORMULA	T.3410.7 <u>3412.7</u>			T.3410.8 <u>3412.8</u>	SCORE	PASS	FAIL
FS-MFS = 0	_____	(FS)	—	_____ (MFS) =	_____	_____	_____
ME-MME = 0	_____	(ME)	—	_____ (MME) =	_____	_____	_____
GS-MGS = 0	_____	(GS)	—	_____ (MGS) =	_____	_____	_____

2012 International Building Code Errata

(Portions of text and tables not shown are unaffected by the errata)

SECOND PRINTING (Updated February 11, 2013)

CHAPTER 34 EXISTING BUILDINGS AND STRUCTURES

3412.6.10.1 Categories. The categories for smoke control are:

1 through 5 (no change).

6. Category f—Each *stairway* shall be one of the following: a smokeproof enclosure in accordance with Section ~~1022.10~~ 4022-9; pressurized in accordance with Section 909.20.5 or shall have operable exterior windows.

**TABLE 3412.6.19 (IEBC [B] Table 1401.6.19)
INCIDENTAL USE AREA VALUES^a**

PROTECTION REQUIRED BY TABLE 508-2.5 <u>509</u>	PROTECTION PROVIDED						
	None	1 Hour	AS	AS with SP	1 Hour and AS	2 Hours	2 Hours and AS
2 Hours and AS	-4	-3	-2	-2	-1	-2	0
2 Hours, or 1 Hour and AS	-3	-2	-1	-1	0	0	0
1 Hour and AS	-3	-2	-1	-1	0	-1	0
1 Hour	-1	0	-1	0	0	0	0
1 Hour, or AS with SP	-1	0	-1	0	0	0	0
AS with SP	-1	-1	-1	0	0	-1	0
1 Hour or AS	-1	0	0	0	0	0	0

^a AS = Automatic sprinkler system; SP = Smoke partitions (See Section ~~508-2.5~~ 509.4.2).