

2006 International Fire Code Errata

SECOND PRINTING (Updated JANUARY 23, 2006)

CHAPTER 33 EXPLOSIVES AND FIREWORKS

TABLE 3301.8.1(1), Column 4 (“Operating Building”), Rows 4 and 5: Table ~~3304.5.2(2)~~ 3304.5.2(1). (*posted 1-23-07*)

TABLE 3301.8.1(2), Column 4 (“Operating Building”), Rows 2, 3, 4 and 5: Table ~~3304.5.2(3)~~ 3304.5.2(2). (*posted 1-23-07*)

Section 3306.5.2.3, Item 1 should read as follows:

3306.5.2.3 Small arms primers. Commercial stocks of small arms primers shall be stored as follows:

1. Quantities not to exceed 750,000 small arms primers stored in a building shall be arranged such that not more than 100,000 small arms primers are stored in any one pile and piles are at least 15 feet (4572 mm) apart. (*posted 12-13-06*)

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3301.8.1.1 Mass-detonating explosives. The total net explosive weight of Division 1.1, 1.2 or 1.5 explosives shall be used. See Table ~~3304.5.2(2)~~ 3304.5.2(1) or Table 3305.3 as appropriate.

Exception: When the TNT equivalence of the explosive material has been determined, the equivalence is allowed to be used to establish the net explosive weight. (*posted 7-10-06*)

3301.8.1.2 Nonmass-detonating explosives (excluding Division 1.4). Nonmass-detonating explosives shall be as follows:

1. Division 1.3 propellants. The total weight of the propellants alone shall be the net explosive weight. The net weight of propellant shall be used. See Table ~~3304.5.2(3)~~ 3304.5.2(2).
2. Combinations of bulk metal powder and pyrotechnic compositions. The sum of the net weights of metal powders and pyrotechnic compositions in the containers shall be the net explosive weight. See Table ~~3304.5.2(3)~~ 3304.5.2(2). (*posted 7-10-06*)

TABLE 3301.8.1(1), Column 2 (“Magazine”), Column 6 (“Inhabited Building”) and Column 8 (“Public Traffic Route”), Rows 2, 3, 4 and 5: Table ~~3304.5.2(2)~~ 3304.5.2(1) (*posted 7-10-06*)

TABLE 3301.8.1(2), Column 2 (“Magazine”), Column 6 (“Inhabited Building”) and Column 8 (“Public Traffic Route”), Rows 2, 3, 4 and 5: Table ~~3304.5.2(3)~~ 3304.5.2(2) (*posted 7-10-06*)

TABLE 3301.8.1(3), Column 2 (“Magazine”), Column 4 (“Operating Building”), Column 6 (“Inhabited Building”) and Column 8 (“Public Traffic Route”) in Rows 2, 3, 4 and 5: Table ~~3304.5.2(4)~~ 3304.5.2(3) (*posted 7-10-06*)

3301.8.1.3 Combinations of mass-detonating and nonmass-detonating explosives (excluding Division 1.4). Combination of mass-detonating and nonmass-detonating explosives shall be as follows:

1. When Division 1.1 and 1.2 explosives are located in the same site, determine the distance for the total quantity considered first as 1.1 and then as 1.2. The required distance is the greater of the two. When the Division 1.1 requirements are controlling and the TNT equivalence of the 1.2 is known, the TNT equivalent weight of the 1.2 items shall be allowed to be added to the total explosive weight of Division 1.1 items to determine the net explosive weight for Division 1.1 distance determination. See Table ~~3304.5.2(3)~~ 3304.5.2(2) or Table 3305.3 as appropriate.
2. When Division 1.1 and 1.3 explosives are located in the same site, determine the distances for the total quantity considered first as 1.1 and then as 1.3. The required distance is the greater of the two. When the Division 1.1 requirements are controlling and the TNT equivalence of the 1.3 is known, the TNT equivalent weight of the 1.3 items shall be allowed to be added to the total explosive weight of Division 1.1 items to determine the net explosive weight for Division 1.1 distance determination. See Table ~~3304.5.2(2)~~ 3304.5.2(1), ~~3304.5.2(3)~~ 3304.5.2(2) or 3305.3, as appropriate.
3. When Division 1.1, 1.2 and 1.3 explosives are located in the same site, determine the distances for the total quantity considered first as 1.1, next as 1.2 and finally as 1.3. The required distance is the greatest of the three. As allowed by paragraphs 1 and 2 above, TNT equivalent weights for 1.2 and 1.3 items are allowed to be used to determine the net weight of explosives for Division 1.1 distance determination. Table ~~3304.5.2(2)~~ 3304.5.2(1) or 3305.3 shall be used when TNT equivalency is used to establish the net explosive weight.

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4. For composite pyrotechnic items Division 1.1 and Division 1.3, the sum of the net weights of the pyrotechnic composition and the explosives involved shall be used. See Tables ~~3304.5.2(2)~~ 3304.5.2(1) and ~~3304.5.2(3)~~ 3304.5.2(2).

Table 3304.5.2(1), For Row "Pounds over 500"/"Pounds not over 600", Column 3: ~~240~~ 340 (posted 7-10-06)