

SCHEDULE 2

SEPARATION DISTANCES

6. The distance between a store and —

(a) any minor road or any railway line shall be half; and

(b) any bridleway, footpath, footway, waterway or lightly-used road shall be one-third,

the distance shown in column 2 of the Table corresponding to the quantity of explosives shown in column 1 of the Table.

TABLE 1

HAZARD TYPE 1 EXPLOSIVE IN A BRICK-BUILT MOUNDED STORE

<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>	<i>3</i> <i>High density distance (m)</i>	<i>4</i> <i>Vulnerable building distance (m)</i>	<i>5</i> <i>Reference zone radius (m)</i>	<i>6</i> <i>Maximum number of dwellings in reference zone</i>
0.1 – 25	101		101		
25 – 50	107		107		
50 – 75	112		112		
75 – 100	118		118		
100 – 150	128	142	128	257	81
150 – 200	139	156	139	278	96
200 – 300	161	180	161	322	128
300 – 400	183		183		
400 – 450	193		193		
450 – 500	204		204		
500 – 600	204		216		
600 – 700	204	231	238	408	206
700 – 800	204	238	260	408	206
800 – 900	204	245	280	408	206
900 – 1000	204	250	300	408	206
1000 – 1100	204	255	319	408	206
1100 – 1200	204	259	337	408	206
1200 – 1300	204	263	354	408	206
1300 – 1400	204	266	370	408	206
1400 – 1500	204	269	386	408	206
1500 – 1600	204	272	402	408	206
1600 – 1700	208	274	416	416	214

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<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
<i>Quantity of explosives (kg)</i>	<i>Low density distance (m)</i>	<i>High density distance (m)</i>	<i>Vulnerable building distance (m)</i>	<i>Reference zone radius (m)</i>	<i>Maximum number of dwellings in reference zone</i>
1700 – 1800	215	277	431	431	229
1800 – 1900	222	279	444	444	244
1900 - 2000	229	281	458	458	259

TABLE 2

HAZARD TYPE 1 EXPLOSIVE IN A BRICK-BUILT UNMOUNDED STORE

<i>1</i>	<i>2</i>	<i>3</i>
<i>Quantity of explosives (kg)</i>	<i>Low density distance (m)</i>	<i>Vulnerable building distance (m)</i>
0.1 – 25	141	141
25 – 50	160	160
50 – 75	180	180
75 – 100	199	199
100 – 150	230	230
150 – 200	256	256
200 – 300	293	293
300 – 400	320	320
400 – 450	331	331
450 – 500	340	340
500 – 600	355	355
600 – 700	367	367
700 – 800	377	377
800 – 900	385	385
900 – 1000	392	392
1000 – 1100	398	398
1100 – 1200	403	403
1200 – 1300	408	408
1300 – 1400	412	412
1400 – 1500	415	415
1500 – 1600	418	418
1600 – 1700	421	421
1700 – 1800	424	431

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<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>	<i>3</i> <i>Vulnerable building distance (m)</i>
1800 – 1900	426	444
1900 – 2000	428	458

TABLE 3

HAZARD TYPE 1 EXPLOSIVE IN A METAL-BUILT MOUNDED STORE

<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>	<i>3</i> <i>High density distance (m)</i>	<i>4</i> <i>Vulnerable building distance (m)</i>	<i>5</i> <i>Reference zone radius (m)</i>	<i>6</i> <i>Maximum number of dwellings in reference zone</i>
0.1 – 25	34	45	40	68	6
25 – 50	37	45	48	74	7
50 – 75	40	45	54	80	8
75 – 100	43	48	66	86	9
100 – 150	49	55	86	97	12
150 – 200	54	62	104	109	15
200 – 300	68	76	136	136	23
300 – 400	83		165		
400 – 450	89		178		
450 – 500	96		191		
500 – 600	108		216		
600 – 700	119		238		
700 – 800	130		260		
800 – 900	140		280		
900 – 1000	150		300		
1000 – 1100	159		319		
1100 – 1200	168		337		
1200 – 1300	177		354		
1300 – 1400	185		370		
1400 – 1500	193		386		
1500 – 1600	201		402		
1600 – 1700	208		416		
1700 – 1800	215		431		
1800 – 1900	222		444		

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<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
<i>Quantity of explosives (kg)</i>	<i>Low density distance (m)</i>	<i>High density distance (m)</i>	<i>Vulnerable building distance (m)</i>	<i>Reference zone radius (m)</i>	<i>Maximum number of dwellings in reference zone</i>
1900 - 2000	229		458		

TABLE 4

HAZARD TYPE 1 EXPLOSIVE IN A METAL-BUILT UNMOUNDED STORE WITH NO DETONATOR ANNEX ATTACHED

<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
<i>Quantity of explosives (kg)</i>	<i>Low density distance (m)</i>	<i>High density distance (m)</i>	<i>Vulnerable building distance (m)</i>	<i>Reference zone radius</i>	<i>Maximum number of dwellings in reference zone</i>
0.1 – 10	23	30	40	46	3
10 – 20	29	35	42	57	4
20 – 30	33	39	44	65	5
30 – 40	36	42	46	71	6
40 – 50	38	44	48	76	7
50 – 60	40	46	48	80	8
60 – 70	42	48	52	84	9
70 – 80	43	50	57	87	9
80 – 90	44	52	61	89	10
90 – 100	45	55	66	91	10
100 – 110	46	57	70	93	11
110 – 120	47	59	74	95	11
120 – 130	48	62	78	97	12
130 – 140	49	64	82	98	12
140 – 150	50	66	86	100	12
150 – 160	51	68	90	102	13
160 – 170	52	71	93	104	13
170 – 180	53	73	97	106	14
180 – 190	54	75	101	108	14
190 – 200	55	78	104	110	15
200 – 300	68	101	136	136	23
300 – 400	83	124	165	165	34

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<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>	<i>3</i> <i>High density distance (m)</i>	<i>4</i> <i>Vulnerable building distance (m)</i>	<i>5</i> <i>Reference zone radius</i>	<i>6</i> <i>Maximum number of dwellings in reference zone</i>
400 – 450	89	135	178	178	39
450 – 500	96	138	191	191	45
500 – 600	108	144	216	216	57
600 – 700	119	150	238	238	70
700 – 800	130	156	260	260	83
800 – 900	140	162	280	280	97
900 – 1000	150	168	300	300	111
1000 – 1100	159	168	319	318	111
1100 – 1200	168		337		
1200 – 1300	177		354		
1300 – 1400	185		370		
1400 – 1500	193		386		
1500 – 1600	201		402		
1600 – 1700	208		416		
1700 – 1800	215		431		
1800 – 1900	222		444		
1900 – 2000	229		458		

TABLE 5

HAZARD TYPE 1 EXPLOSIVE IN A METAL-BUILT UNMOUNDED STORE WITH A DETONATOR ANNEX ATTACHED

<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>	<i>3</i> <i>High density distance (m)</i>	<i>4</i> <i>Vulnerable building distance (m)</i>	<i>5</i> <i>Reference zone radius (m)</i>	<i>6</i> <i>Maximum number of dwellings in reference zone</i>
0.1 – 25	38	53	54	74	11
25 – 50	43	53	54	86	11
50 – 75	48	60	54	96	11
75 – 100	53	77	66	106	14
100 – 150	63	110	86	127	20
150 – 200	74	143	104	147	27

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<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>	<i>3</i> <i>High density distance (m)</i>	<i>4</i> <i>Vulnerable building distance (m)</i>	<i>5</i> <i>Reference zone radius (m)</i>	<i>6</i> <i>Maximum number of dwellings in reference zone</i>
200 – 300	94	209	136	188	44
300 – 400	115	275	165	229	65
400 – 450	125	308	178	250	77
450 – 500	128	309	191	257	81
500 – 600	135	311	216	270	90
600 – 700	142	312	238	283	99
700 – 800	148	314	260	297	109
800 – 900	155	316	280	310	119
900 – 1000	162	318	300	324	129
1000 – 1100	169	319	319	337	140
1100 – 1200	175	321	337	350	152
1200 – 1300	182	323	354	364	163
1300 – 1400	189	325	370	377	176
1400 - 1500	195	326	386	391	188
1500 – 1600	202	328	402	404	202
1600 – 1700	209	330	416	417	215
1700 – 1800	215	332	431	431	229
1800 – 1900	222	333	444	444	244
1900 – 2000	229	335	458	458	259

TABLE 6

HAZARD TYPE 2 EXPLOSIVE, SOME OR ALL ITEMS BEING OF MORE THAN 0.7 KG NET MASS

<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>	<i>3</i> <i>Vulnerable building distance (m)</i>
0.1 – 25	45	90
25 – 50	88	176
50 – 75	108	216
75 – 100	129	238
100 – 150	148	296
150 – 200	168	336

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<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>	<i>3</i> <i>Vulnerable building distance (m)</i>
200 – 300	191	382
300 – 400	207	414
400 – 450	213	426
450 – 500	219	438
500 – 600	226	452
600 – 700	233	466
700 – 800	240	480
800 – 900	248	496
900 – 1000	256	512
1000 – 1100	259	518
1100 – 1200	262	524
1200 – 1300	266	532
1300 – 1400	270	540
1400 – 1500	274	548
1500 – 1600	278	556
1600 – 1700	282	564
1700 – 1800	286	572
1800 – 1900	288	576
1900 – 2000	292	592

TABLE 7

HAZARD TYPE 2 EXPLOSIVE, EVERY ITEM BEING OF 0.7 KG NET MASS OR LESS

<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>	<i>3</i> <i>Vulnerable building distance (m)</i>
0.1 – 25	37	76
25 – 50	43	86
50 – 75	47	94
75 – 100	51	102
100 – 150	56	112
150 – 200	60	120
200 – 300	66	132
300 – 400	71	142
400 – 450	73	146

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<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>	<i>3</i> <i>Vulnerable building distance (m)</i>
450 – 500	74	148
500 – 600	76	152
600 – 700	78	158
700 – 800	81	162
800 – 900	84	164
900 – 1000	87	174
1000 – 1100	88	176
1100 – 1200	89	178
1200 – 1300	90	180
1300 – 1400	91	182
1400 – 1500	92	184
1500 – 1600	94	188
1600 – 1700	95	190
1700 – 1800	97	194
1800 – 1900	99	198
1900 – 2000	101	202

TABLE 8

HAZARD TYPE 3 EXPLOSIVE

<i>1</i> <i>Quantity of explosives (kg)</i>	<i>2</i> <i>Low density distance (m)</i>
0.1 – 25	
25 – 50	23
50 – 75	25
75 – 100	29
100 – 150	33
150 – 200	37
200 – 300	42
300 – 400	47
400 – 450	47
450 – 500	50
500 – 600	51
600 – 700	53
700 – 800	54

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<i>I</i>	<i>2</i>
<i>Quantity of explosives (kg)</i>	<i>Low density distance (m)</i>
800 – 900	55
900 – 1000	63
1000 – 1100	70
1100 – 1200	71
1200 – 1300	72
1300 – 1400	73
1400 – 1500	74
1500 – 1600	75
1600 – 1700	76
1700 – 1800	78
1800 – 1900	79
1900 – 2000	80

TABLE 9

HAZARD TYPE 4 EXPLOSIVE

<i>I</i>	<i>2</i>
<i>Quantity of explosives (kg)</i>	<i>Low density distance (m)</i>
0.1 – 250	0
250 – 300	1
300 – 340	2
340 – 370	3
370 – 400	4
400 – 450	5
450 – 500	6
500 – 550	7
550 – 600	8
600 – 650	9
650 – 700	10
700 – 750	11
750 – 800	12
800 – 900	13
900 – 950	14
950 – 1000	15
1000 – 1100	16

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<i>1</i>	<i>2</i>
<i>Quantity of explosives (kg)</i>	<i>Low density distance (m)</i>
1100 – 1150	17
1150 – 1200	18
1200 – 1300	19
1300 – 1350	20
1350 – 1400	21
1400 – 1450	22
1450 – 1550	23
1550 – 1600	24
1600 – 1650	25
1650 – 1700	26
1700 – 1800	27
1800 – 1850	28
1850 – 1900	29
1900 – 2000	30