

APPENDIX B

Table 7: External separation distances

Hazard Type 3

Quantity of explosives (kg)	Footpath ^(y)	Minor road ^(y)	Major road ^(y)
	Lightly used road ^(y)	Railway line ^(w)	Place of public resort
	Waterway (metres)	(metres)	Buildings ^(x) (metres)
0.1-25	0	0	0
25-50	8	12	23
50-75	8	13	25
75-100	10	15	29
100-150	11	17	33
150-200	12	19	37
200-300	14	21	42
300-400	16	24	47
400-450	16	24	47
450-500	17	25	50
500-600	17	26	51
600-700	18	27	53
700-800	18	27	54
800-900	18	28	55
900-1000	21	32	63
1000-1100	23	35	70
1100-1200	24	36	71
1200-1300	24	36	72
1300-1400	24	37	73
1400-1500	25	37	74
1500-1600	25	38	75
1600-1700	25	38	76
1700-1800	26	39	78
1800-1900	26	40	79
1900-2000	27	40	80
2000-3000	30	41	91
3000-4000	33	50	100
4000-5000	36	54	107
5000-10 000	45	68	136
10 000-15 000	52	78	156
15 000-20 000	57	86	172
20 000-25 000	62	93	185
25 000-30 000	66	100	199

(w) Use these distances also for any aerodromes, dock, pier, jetty, river wall, sea wall, reservoir.

(x) Use these distances for any dwelling, retail shop, government and public buildings, church, college, chapel, school, hospital, theatre, cinema or other building where the public are accustomed to assemble; motorway; caravan site for which planning permission for this area has been granted and on which is located an occupied caravan for a total period in excess of 28 days in any one calendar year; factory; building or works used for the storage in bulk of petroleum spirit, gas, or other inflammable substances; buildings or works used for the storage and manufacture of explosives or of articles which contain explosives.

(y) 'Footpath' includes a bridleway or other thoroughfare which is not a road, but does not include a footpath used by no more than 20 persons every 24 hours. 'Lightly used road' means a road used by more than 20 or fewer than 500 vehicles every 24 hours. 'Minor road' means a road used by more than 500 vehicles every 24 hours, other than a major road. 'Major road' means a road used by more than 10 000 vehicles every 24 hours. 'Waterway' does not include a waterway navigated by no more than 20 persons every 24 hours.

Note: For Hazard Type 3 and Hazard Type 4 explosives, there are no extended distances for vulnerable buildings. Apply the distances in Column 4 of Table 7 or Table 8 as appropriate for such building.

Table 8: External separation distances

Hazard Type 4

Quantity of explosives (kg)	Footpath ^(bb)	Minor road ^(bb)	Major road ^(bb)
	Lightly used road ^(bb)	Railway line ^(z)	Place of public resort
	Waterway (metres)	(metres)	Buildings ^(aa) (metres)
0.1-250	0	0	0
250-300	1	1	1
300-340	1	1	2
340-370	1	2	3
370-400	1	2	4
400-450	2	3	5
450-500	2	3	6
500-550	2	4	7
550-650	3	4	8
650-700	3	5	10
700-750	4	6	11
750-800	4	6	12
800-900	4	7	13
900-950	5	7	14
950-1000	5	8	15
1000-1100	5	8	16
1100-1150	6	9	17
1150-1200	6	9	18
1200-1300	6	10	19
1300-1350	7	10	20
1350-1400	7	11	21
1400-1450	7	11	22
1500-1550	8	12	23
1550-1600	8	12	24
1600-1650	8	13	25
1650-1700	9	13	26
1700-1800	9	14	27
1800-1850	9	14	28
1850-1900	10	15	29
1900-2000	10	15	30
2000-3000	12	18	35
3000-4000	13	20	40
4000-5000	15	23	45
5000-10 000	17	26	51
10 000-15 000	18	27	54
15 000-20 000	18	28	55
20 000-25 000	19	29	58
25 000-30 000	20	30	60

(z) Use these distances also for any aerodromes, dock, pier, jetty, river wall, sea wall, reservoir.

(aa) Use these distances for any dwelling, retail shop, government and public buildings, church, college, chapel, school, hospital, theatre, cinema or other building where the public are accustomed to assemble; motorway; caravan site for which planning permission for this area has been granted and on which is located an occupied caravan for a total period in excess of 28 days in any one calendar year; factory; building or works used for the storage in bulk of petroleum spirit, gas, or other inflammable substances; buildings or works used for the storage and manufacture of explosives or of articles which contain explosives.

(bb) 'Footpath' includes a bridleway or other thoroughfare which is not a road, but does not include a footpath used by no more than 20 persons every 24 hours. 'Lightly used road' means a road used by more than 20 or fewer than 500 vehicles every 24 hours. 'Minor road' means a road used by more than 500 vehicles every 24 hours, other than a major road. 'Major road' means a road used by more than 10 000 vehicles every 24 hours. 'Waterway' does not include a waterway navigated by no more than 20 persons every 24 hours.

Note: For Hazard Type 3 and Hazard Type 4 explosives, there are no extended distances for vulnerable buildings. Apply the distances in Column 4 of Table 7 or Table 8 as appropriate for such buildings.