

WASC 2346

Table of Inside  
Safety Distances

**APPENDIX A**  
**TABLE OF INSIDE SAFETY DISTANCES**  
 ALL DISTANCES ARE IN FEET

NETT EXPLOSIVES QUANTITY LBS.	TO BUILDING OR STACKS CONTAINING EXPLOSIVES								TO MAIN OFFICES OR ENGINEERING WORKSHOPS				TO & BETWEEN PROCESS BUILDINGS IN FACTORIES							
	CAT. X. CAT. Y.		CAT. Z.		CAT. ZZ		CAT. V.		CAT. X. CAT. Y.		CAT. Z. CAT. ZZ		CAT. V.		CAT. X. CAT. Y.		CAT. Z. CAT. ZZ		CAT. V.	
	TRAV.	UNTRAV.	TRAV.	UNTRAV.	TRAV.	UNTRAV.	TRAV.	UNTRAV.	TRAV.	UNTRAV.	TRAV.	UNTRAV.	TRAV.	UNTRAV.	TRAV.	UNTRAV.	TRAV.	UNTRAV.	TRAV.	UNTRAV.
100	30	30	30	30	30	30	42	150	150	50	74	63	1320	660	30	37	57	1320	660	
200	30	30	30	30	30	35	53	150	150	60	94	100	1320	660	30	47	69	1320	660	
400	30	30	30	30	30	44	66	150	150	70	118	159	1320	660	30	59	85	1320	660	
600	30	30	30	30	30	51	76	150	150	80	134	208	1320	660	30	67	97	1320	660	
800	30	35	31	31	31	56	84	150	150	90	148	252	1320	660	30	74	105	1320	660	
1,000	30	40	31	31	31	60	90	150	150	100	160	292	1320	660	30	80	112	1320	660	
2,000	30	46	33	33	33	76	113	150	150	115	202	459	1320	660	30	101	172	1320	660	
3,000	35	50	34	34	34	87	130	150	150	124	230	592	1320	660	48	115	222	1320	660	
4,000	38	54	36	36	36	95	143	150	150	130	254	704	1320	660	60	127	264	1320	660	
5,000	42	57	37	37	37	103	154	150	150	135	274	800	1320	660	67	137	300	1320	660	
6,000	45	60	39	39	39	109	164	150	150	139	290	882	1320	660	72	145	331	1320	660	
8,000	50	64	41	41	41	120	180	150	150	146	320	1018	1320	660	78	160	382	1320	660	
10,000	54	69	44	44	44	129	194	150	150	150	342	1129	1320	660	82	172	423	1320	660	
15,000	63	79	49	49	49	148	222	150	150	159	394	1335	1320	660	86	197	501	1320	660	
20,000	69	88	54	54	54	163	244	150	150	165	434	1490	1320	660	88	217	559	1320	660	
30,000	77	103	62	62	62	186	280	150	150	174	498	1725	1320	660	90	249	647	1320	660	
40,000	81	118	69	69	69	205	308	150	150	180	548	1906	1320	660	90	274	715	1320	660	
50,000	85	129	76	76	76	221	332	150	150	185	590	2060	1320	660	90	295	771	1320	660	
60,000	88	139	82	82	82	235	352	150	150	189	626	2190	1320	660	90	313	820	1320	660	
80,000	90	159	94	94	94	259	388	150	150	195	690	2410	1320	660	90	345	904	1320	660	
100,000	90	174	103	103	103	279	418	150	150	200	742	2600	1320	660	90	371	974	1320	660	
150,000	90	208	123	123	123	319	478	150	150	209	850	2975	1320	660	90	425	1116	1320	660	
200,000	90	236	139	139	139	351	526	150	150	215	936	3275	1320	660	90	468	1228	1320	660	
250,000	90	260	154	154	154	378	567	150	150	220	1008	3530	1320	660	90	504	1323	1320	660	
300,000	90	283	167	167	167	402	602	150	150	224	1072	3750	1320	660	90	536	1406	1320	660	
350,000	90	304	180	180	180	423	634	150	150	227	1128	3950	1320	660	90	564	1480	1320	660	
400,000	90	322	190	190	190	442	663	150	150	230	1178	4130	1320	660	90	589	1547	1320	660	
450,000	90	339	200	200	200	460	690	150	150	233	1226	4290	1320	660	90	613	1609	1320	660	
500,000	90	354	209	209	209	476	714	150	150	235	1270	4445	1320	660	90	635	1667	1320	660	
550,000	90	366	218	218	218	492	737	150	150	237	1310	4590	1320	660	90	655	1721	1320	660	
600,000	90	382	226	226	226	506	759	150	150	239	1350	4720	1320	660	90	675	1771	1320	660	
800,000	90	435	257	257	257	557	835	150	150	245	1486	5200	1320	660	90	743	1949	1320	660	
1,000,000	90	480	284	284	284	600	900	150	150	250	1600	5600	1320	660	90	800	2100	1320	660	

1. LC IN COLUMNS 8, 13 AND 18 INDICATES LIGHT CASE WEAPONS  
 2. HC IN COLUMNS 9, 14 AND 19 INDICATES HEAVY CASE WEAPONS  
 3. THE DISTANCES IN COLUMN 4 DO NOT APPLY TO EXPLOSIVES HAVING A CHARGE/WEIGHT RATIO OF 60% OR OVER WHERE ADJACENT BUILDINGS OR STACKS CONTAIN CATEGORY Y OR ZZ EXPLOSIVES. IN SUCH INSTANCES THE DISTANCES IN COLUMN 6 MUST BE OBSERVED. SEE PARA. 25