

TABLE 3.3-1

MAXIMUM WEIGHT OF EXPLOSIVES TO BE DETONATED WITHIN ANY 8 MILLISECOND DELAY PERIOD

200 to 3,000 feet		3,050 to 5,850 feet		5,900 to 8,700 feet		8,750 to 11,550 feet		11,600 to 14,400 feet	
Distance	Max Weight	Distance	Max Weight	Distance	Max Weight	Distance	Max Weight	Distance	Max Weight
200	16	3,050	3,075	5,900	8,239	8,750	18,121	11,600	31,849
250	25	3,100	3,177	5,950	8,379	8,800	18,329	11,650	32,124
300	36	3,150	3,280	6,000	8,521	8,850	18,538	11,700	32,400
350	40	3,200	3,385	6,050	8,663	8,900	18,748	11,750	32,678
400	53	3,250	3,492	6,100	8,807	8,950	18,959	11,800	32,956
450	67	3,300	3,600	6,150	8,952	9,000	19,172	11,850	33,236
500	83	3,350	3,710	6,200	9,098	9,050	19,385	11,900	33,517
550	100	3,400	3,821	6,250	9,246	9,100	19,600	11,950	33,799
600	119	3,450	3,935	6,300	9,394	9,150	19,816	12,000	34,083
650	140	3,500	4,050	6,350	9,544	9,200	20,033	12,050	34,367
700	162	3,550	4,166	6,400	9,695	9,250	20,251	12,100	34,653
750	186	3,600	4,284	6,450	9,847	9,300	20,471	12,150	34,940
800	212	3,650	4,404	6,500	10,000	9,350	20,692	12,200	35,228
850	239	3,700	4,526	6,550	10,154	9,400	20,914	12,250	35,518
900	268	3,750	4,649	6,600	10,310	9,450	21,137	12,300	35,808
950	298	3,800	4,774	6,650	10,467	9,500	21,361	12,350	36,100
1,000	331	3,850	4,900	6,700	10,625	9,550	21,586	12,400	36,393
1,050	364	3,900	5,028	6,750	10,784	9,600	21,813	12,450	36,687
1,100	400	3,950	5,158	6,800	10,944	9,650	22,041	12,500	36,982
1,150	437	4,000	5,289	6,850	11,106	9,700	22,270	12,550	37,279
1,200	476	4,050	5,422	6,900	11,269	9,750	22,500	12,600	37,576
1,250	517	4,100	5,557	6,950	11,433	9,800	22,731	12,650	37,875
1,300	559	4,150	5,693	7,000	11,598	9,850	22,964	12,700	38,175

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Distance	Max Weight	Distance	Max Weight	Distance	Max Weight	Distance	Max Weight	Distance	Max Weight
1,350	602	4,200	5,831	7,050	11,764	9,900	23,198	12,750	38,476
1,400	648	4,250	5,971	7,100	11,931	,950	23,433	12,800	8,779
1,450	695	4,300	6,112	7,150	12,100	10,000	23,669	12,850	39,082
1,500	744	4,350	6,255	7,200	12,270	10,050	23,906	12,900	39,387
1,550	794	4,400	6,400	7,250	12,441	10,100	24,144	12,950	39,693
1,600	846	4,450	6,546	7,300	12,613	10,150	24,384	13,000	40,000
1,650	900	4,500	6,694	7,350	12,786	10,200	24,625	13,050	40,308
1,700	955	4,550	6,844	7,400	12,961	10,250	24,867	13,100	40,618
1,750	1,012	4,600	6,995	7,450	13,137	10,300	25,110	13,150	40,928
1,800	1,071	4,650	7,148	7,500	13,314	10,350	25,354	13,200	41,240
1,850	1,131	4,700	7,302	7,550	13,492	10,400	25,600	13,250	41,553
1,900	1,193	4,750	7,459	7,600	13,671	10,450	25,847	13,300	41,867
1,950	1,257	4,800	7,617	7,650	13,851	10,500	26,095	13,350	42,183
2,000	1,322	4,850	7,776	7,700	14,033	10,550	26,344	13,400	42,499
2,050	1,389	4,900	7,937	7,750	14,216	10,600	26,594	13,450	42,817
2,100	1,458	4,950	8,100	7,800	14,400	10,650	26,846	13,500	43,136
2,150	1,528	5,000	8,264	7,850	14,585	10,700	27,098	13,550	43,456
2,200	1,600	5,050	6,036	7,900	14,772	10,750	27,352	13,600	43,778
2,250	1,674	5,100	6,156	7,950	14,959	10,800	27,607	13,650	44,100
2,300	1,749	5,150	6,278	8,000	15,148	10,850	27,863	13,700	44,424
2,350	1,826	5,200	6,400	8,050	15,338	10,900	28,121	13,750	44,749
2,400	1,904	5,250	6,524	8,100	15,529	10,950	28,379	13,800	45,075
2,450	1,984	5,300	6,649	8,150	15,721	11,000	28,639	13,850	45,402

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Distance	Max Weight	Distance	Max Weight	Distance	Max Weight	Distance	Max Weight	Distance	Max Weight
2,500	2,066	5,350	6,775	8,200	15,915	11,050	28,900	13,900	45,730
2,550	2,150	5,400	6,902	8,250	16,109	11,100	29,162	13,950	46,060
2,600	2,235	5,450	7,030	8,300	16,305	11,150	29,425	14,000	46,391
2,650	2,321	5,500	7,160	8,350	16,502	11,200	29,690	14,050	46,722
2,700	2,410	5,550	7,291	8,400	16,701	11,250	29,956	14,100	47,056
2,750	2,500	5,600	7,422	8,450	16,900	11,300	30,222	14,150	47,390
2,800	2,592	5,650	7,556	8,500	17,101	11,350	30,491	14,200	47,725
2,850	2,685	5,700	7,690	8,550	17,302	11,400	30,760	14,250	48,062
2,900	2,780	5,750	7,825	8,600	17,505	11,450	31,030	14,300	48,400
2,950	2,877	5,800	7,962	8,650	17,709	11,500	31,302	14,350	48,739
3,000	2,975	5,850	8,100	8,700	17,915	11,550	31,575	14,400	49,079

NOTES:

1. Max = Maximum
2. W = Max Weight
3. D = Distance
4. 0 to 300 feet: $W = (D/50)^2$
5. 301 to 5000 feet: $W = (D/55)^2$
6. 5001 feet and up: $W = (D/65)^2$