meter, meeting the standards of the American Standards Institute and operating on the A-weighting network with slow meter response Exposure shall not exceed that shown in table 45–C

These values apply to total time of exposure per working day regardless of whether this is one continuous exposure or a number of short-term exposures but does not apply to impact or impulsive type of noises

When the daily noise exposure is composed of two or more periods of noise exposure of different levels, their combined effect should be considered, rather than the individual effect of each If the sum of the following fractions

$$\frac{C_1}{T_1}+\frac{C_2}{T_2}+\qquad\frac{C_n}{T_n}$$

exceeds unity, then, the mixed exposure should be considered to exceed the threshold limit value, C_1 indicates the total time of exposure at a specified noise level, and T_1 indicates the total time of exposure permitted at that level Noise exposures of less than 90 dBA do not enter into the above calculations

TABLE 45–C
PERMISSIBLE NOISE EXPOSURES

Duration per Day (Hours)	*Sound Level (dBA°)*
8	90
6	92
4	95
3	97
2	100
1½	102
1	105
¾	107
½	110
¼	115-C**

*Sound level in decibels as measured on a sound level meter operating on the A-weighting network with slow meter response

**Ceiling Value

Impulsive or impact noise It is recommended that exposure to impulsive or impact noise should not exceed 140 decibels peak sound pressure level "C" (ceiling limit)

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