ican National Standard Specification for Sound Level Meters, S1 4 (1971) Type S2A, and set to use the A-weighted network with slow meter response Duration of exposure shall not exceed that shown in Table 10

These values apply to total duration 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 noise

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

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

exceeds unity, then, the mixed exposure should be considered to exceed the threshold limit value, C_1 indicates the total duration of exposure at a specific noise level, and T_1 indicates the total duration of exposure permitted at that level All on the job noise exposures of 80 dBA or greater shall be used in the above calculations

Impulsive or impact noise

It is recommended that exposure to impulsive or impact noise should not exceed 140 decibels peak sound pressure level Impulsive or impact noise is considered to be those variations in noise levels that involve maxima at intervals of greater than one per second Where the intervals are less than one second, it should be considered continuous

TABLE 10

THRESHOLD LIMIT VALUES

Duration per day Hours	*Sound Level dBA*[a]
16	80
8	85
4	90
2	95
1	100
½	105
¼	110
⅛	115[b]

[b] No exposure to continuous or intermittent in excess of 115 dBA

[a] Sound level in decibels as measured on a sound level meter, conforming as a minimum to the requirements of the American National Standard Specification for Sound Level Meters, S1 4 (1971) Type S2A, and set to use the A-weighted network with slow meter response

Ultraviolet Radiation

The threshold limit value shall apply also to solar radiation