

TOWN OF COTTAGE GROVE - CODE OF ORDINANCES

APPENDIX 11-C

TABLE G-16—PERMISSIBLE NOISE EXPOSURES <sup>1</sup>

<i>Duration per day, hours</i>	<i>Sound level dba slow response</i>
8 .....	90
6 .....	92
4 .....	95
3 .....	97
2 .....	100
1 1/2 .....	102
1 .....	105
1/2 .....	110
1/4 or less .....	115

<sup>1</sup> 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:  $C_1/T_1 + C_2/T_2 + C_n/T_n$  exceeds unity, then, the mixed exposure should be considered to exceed the limit value.  $C_n$  indicates the total time of exposure at a specified noise level, and  $T_n$  indicates the total time of exposure permitted at that level.

Exposure to impulsive or impact noise should not exceed 140 dB peak sound pressure level.