

Annexure 6

Ambient Noise Standards

Sr. No.	Area	Leq dB (A)*	
		Day time	Night time
1.	Industrial area	75	70
2.	Commercial area	65	55
3.	Residential area	55	45
4.	Silence zone	50	40

(Source: CPCB, 2001)

Note:

1. Day time – 6 am to 10 pm
2. Night time – 10 pm to 6 am
3. Silence zone is defined as an area comprising not less than 100 meters around hospitals, educational institutions and courts.
4. The silence zones are zones which area declared as such by the competent authority.
5. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale.

A which is relatable to human hearing.

A “decibel” is a unit in which noise is measured.

“A” in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq It is energy mean of the noise level over a specified period.