

**9.3 Noise.**

- A. Noise which is objectionable as determined by the Township due to volume, frequency, or beat shall be muffled, attenuated, or otherwise controlled, subject to the following schedule of maximum noise levels permitted.

Octave Band (Cycles per Second)	Maximum Permitted Sound Level in Decibels	
	Along Residential District Boundaries	Along All Non-Residential District Boundaries
0 to 150	70	70
150 to 300	60	66
300 to 600	52	60
600 to 1,200	46	53
1,200 to 2,400	40	47
Above 2,400	34	41

- B. In addition, objectionable sounds of an intermittent nature, or sounds characterized by high frequencies, even if falling below the aforementioned decibel readings, shall be so controlled so as not to become a nuisance to adjacent uses.
- C. Air-raid sirens and related apparatus used solely for public purposes are exempt from this requirement. Noise resulting from temporary construction activity shall also be exempt from this requirement.

**9.4 Vibration.** No operation or activity shall cause or create vibration that exceeds the vibration levels prescribed below when measured at the lot line or any adjoining use\* based upon the following maximum allowable levels:

Daytime 7:00 a.m. – 10:00 p.m.		
Frequency Range:	Vibration Metric:	Vibration Limit: (Level Shall Not Exceed)
6 Hz. And below	Acceleration	8000 $\mu$ meters/sec <sup>2</sup>
Above 6 Hz.	Velocity	200 $\mu$ meters/sec
Nighttime 10:00 p.m. – 7:00 a.m.		
Frequency Range:	Vibration Metric:	Vibration Limit: (Level Shall Not Exceed)
6 Hz. And below	Acceleration	4000 $\mu$ meters/sec <sup>2</sup>
Above 6 Hz.	Velocity	100 $\mu$ meters/sec

\*For the purposes of this Section, the term "adjoining use" shall include properties directly across any private or public road from the use whose vibration is being measured (in addition to those which actually abut the property line of the use).

#### 9.5 Glare or Heat.

- A. Glare from any process (such as or similar to arc welding or acetylene torch cutting) which emits harmful ultraviolet rays shall be performed in such a manner as not to be seen from any point beyond the property line, and as not to create a public nuisance or hazard along lot lines.
- B. The design and/or screening of the development or use shall insure that glare from automobile and commercial or industrial vehicle headlights shall not be directed into any adjacent property, particularly residential property.
- C. Any operation, which produces intense glare or heat, shall be conducted within an enclosure so as to completely obscure and shield such operation from direct view from any point along the lot lines. If heat is a result of an industrial operation, it shall be so insulated as to not raise the temperature at any property line at any time.
- D. Exterior doors shall be located, operated, and maintained so as to prevent any glare and light from creating a nuisance or safety hazard to operators of motor vehicles, pedestrians, and neighboring land uses.
- E. Exterior lighting shall be installed, maintained and operated in accordance with the requirements of Section 9.13.