

§ 325.3

49 CFR Ch. III (10–1–04 Edition)

it is installed is stopped or is operating at a speed of 5 miles per hour (8 kph) or less, unless such device is intentionally operated at speeds greater than 5 mph (8 kph) in order to preclude an otherwise valid noise measurement. Examples of that type of auxiliary equipment include, but are not limited to, cranes, asphalt, spreaders, ditch diggers, liquid or slurry pumps, auxiliary air compressors, welders, and trash compactors.

§ 325.3 Effective date.

The rules in this part are effective on October 15, 1975.

§ 325.5 Definitions.

(a) *Statutory definitions.* All terms defined in the Noise Control Act of 1972 (Pub. L. 92-574, 86 Stat. 1234) are used as they are defined in that Act.

(b) *Definitions in standards.* All terms defined in §202.10 of the Interstate Motor Carrier Noise Emission Standards, 40 CFR 202.10, are used as they are defined in that section.

(c) *Additional definitions.* (1) *Hard test site* means any test site having the ground surface covered with concrete, asphalt, packed dirt, gravel, or similar reflective material for more than 1/2 the distance between the microphone target point and the microphone location point.

(2) *Soft test site* means any test site having the ground surface covered with grass, other ground cover, or similar absorptive material for 1/2 or more of the distance between the microphone target point and the microphone location point.

(3) *Ground cover* means any of various low, dense-growing plants, such as ivy, myrtle, low weeds, or brush.

(4) *Traffic railing* means any longitudinal highway traffic barrier system installed along the side or median of a highway. For the purpose of this part, a traffic railing must have at least 35 percent of its vertical height, from the ground surface to the top of the railing, open to free space in order to qualify as an acceptable object within a noise measurement test site. Further, for the purposes of this part, posts or other discrete supports shall be ignored when ascertaining open free space.

(5) *Relatively flat* when used to describe a noise measurement site means a site which does not contain significant concave curvatures or slope reversals that may result in the focusing of sound waves toward the microphone location point.

§ 325.7 Allowable noise levels.

Motor vehicle noise emissions, when measured according to the rules of this part, shall not exceed the values specified in Table 1.

TABLE 1—MAXIMUM PERMISSIBLE SOUND LEVEL READINGS (DECIBEL (A))¹, THNSP;²

	Highway operation test				Stationary tests	
	Soft site		Hard Site		Soft site	Hard site
	35 mi/h or less	Above 35 mi/h	35 mi/h or less	Above 35 mi/h		
If the distance between the microphone location point and the microphone target point is—						
31 ft (9.5m) or more but less than 35 ft (10.7m)	87	91	89	93	89	91
35 ft (10.7m) or more but less than 39 ft (11.9m)	86	90	88	92	88	90
39 ft (11.9m) or more but less than 43 ft (13.1m)	85	89	87	91	87	89
43 ft (13.1m) or more but less than 48 ft (14.6m)	84	88	86	90	86	88
48 ft (14.6m) or more but less than 58 ft (17.1m)	83	87	85	89	85	87
58 ft (17.1m) or more but less than 70 ft (21.3m)	82	86	84	88	84	86
70 ft (21.3m) or more but less than 83 ft (25.3m)	81	85	83	87	83	85

¹The speeds shown refer to measurements taken at sites having speed limits as indicated. These speed limits do not necessarily have to be posted.

²This table is based on motor carrier noise emission requirements specified in 40 CFR 202.20 and 40 CFR 202.21.