

**TABLE 1
OAR 333-535-0300**

MECHANICAL REQUIREMENTS

SOUND TRANSMISSION LIMITATIONS IN GENERAL HOSPITALS

	AIRBORNE SOUND TRANSMISSIONS <i>a/</i> CLASS (STC)		IMPACT INSULATION <i>b/</i> CLASS (11C)
	PARTITIONS	FLOORS	FLOORS
Patients room to patients room	45	45	45
Public space to patients room <i>c/</i>	50	50	50 <i>d/</i>
Service areas to patients room <i>e/</i>	55	55	55 <i>d/</i>

a/ Sound transmission class (STC) shall be determined by tests in accordance with methods set forth in ASTM Standard E 90 and ASTM Standard E 413.

c/ Public space includes lobbies, dining rooms, recreation rooms, treatment rooms, and similar spaces.

d/ Impact noise limitation applicable only when corridor, public space, service area, or play or recreation area is over patients room.

e/ Service areas include kitchens, elevators, elevator machine rooms, laundries, garages, maintenance rooms, boiler and mechanical equipment rooms, and similar spaces of high noise. Mechanical equipment located on the same floor or above patients rooms, offices, nurses stations, and similar occupied spaces shall be effectively isolated from the floor.

NOTE:

The requirements set forth in this table assume installation methods which will not appreciably reduce the efficiency of the assembly as tested.