

## APPENDIX J

2006 Edition, Published January 1, 2006; Document Revision Date:

### RANGES OF DESIGN LIMITS FOR SOUND CONTROL

<u>Type of Room or Area</u>	<u>Range of A-Sound Levels in Decibels</u>	<u>Range of NC Criteria Curves</u>
AUDITORIUMS		
Concert and Music Halls	25-35	20-25
Lecture Halls and Auditorium	35-45	30-35
Multi Purpose Halls and Theaters	30-40	25-30
CIRCULATION		
Corridors, Lobbies, and Waiting Rooms	40-50	35-45
Washrooms and Toilets	45-55	40-45
CLASSROOM AND STUDY AREAS		
Classrooms	35-45	30-40
Conference Rooms, Seminar Rooms	30-40	25-35
DINING AREAS		
Cafeterias	45-55	40-50
Dining Rooms	35-45	30-40
Restaurants	40-50	35-45
LABORATORIES		
Laboratory Classrooms	40-50	35-45

Processing Laboratories	40-50	35-45
Research Laboratories	40-50	35-45
LIBRARIES	35-45	30-40
OFFICES		
Executive Offices	35-45	30-40
General Offices and Reception Rooms	35-50	30-45
Open Offices and Drafting Rooms	40-55	35-50

## RECREATION

Gymnasiums, Bowling Alleys, Squash and Hand Ball Courts	40-50	35-45
Recreation Halls and Rooms	40-55	35-50
Sports Arenas	35-45	30-40
Swimming Pools	45-60	40-55

## STUDY AREAS

Auto Tutorial Study Carrel Rooms, Closed Study Carrels, and Study Rooms and Lounges	35-45	30-40
---	-------	-------

### Type of Room or Area

Range of  
A-Sound Levels  
in Decibels

Range of  
NC Criteria  
Curves

## STUDIOS

Sound Reproduction Studios	30-40	25-30
Television Studios	35-45	30-35

## MISCELLANEOUS

Computer Machine Rooms	45-65	40-60
Dormitory Sleeping Rooms	35-45	30-40
Kitchens and Laundries	45-55	40-50
Museums, Court Rooms	35-45	30-40

END OF APPENDIX J