

Building Department

Research & Building Systems Section

New Educational Buildings

Checklist



New Educational Buildings

Entrance Path Level Changes Stairs, Ramp, Elevators Sanitary Provisions Changing Room Furniture Parking & drop off point Accessible Rooms Reserved Seating spaces Hearing Enhancement

All	UA*	UA									
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UA Universally Accessible
 UA* When the building is built in a floodable zone the entrances of the building can have a change in level from the exterior floor level. In this exceptional case the entrances solutions may be permitted.

CODE	CRITERIA	EVALUATION			COMMENTS	AUDIT PHASE
E	Entrance	YES	N/A	NON		
E1	Gradients of entrances ≤ 5%					PERMIT
E2	When several paths, both accessible and inaccessible marked					ACCOMPLISH
E3	If accessible door not the main door, it is marked with directional sign					ACCOMPLISH
E4	Identification number and exact address for each entrance					OPERATION
E5	In public use buildings, reception desk near the entrance					ACCOMPLISH
E6	Dimensions doors ≥ 900mm width x 2100mm height					PERMIT
E7	Automatic door					ACCOMPLISH
E8	3 seconds or more to move from closed to fully open position - Remain fully open for a minimum 5 seconds - Force not more than 66N					ACCOMPLISH
E9	Doormats levelled with ± 2mm					ACCOMPLISH
E10	Access controls barriers with at least one barrier with width ≥ 900mm if provided					OPERATION
ER	Counters and reception areas					
ER1	Reception areas with seating places and interaction spaces					OPERATION

SPab3	Two horizontal bars mounted between 700 - 800 mm with the same length of wash basin							ACCOMPLISH
SPab4	All Accessories at a height between 700 - 1200 mm							ACCOMPLISH
SPab5	Provides bidet shower system, soap and paper							ACCOMPLISH
SPab6	Approaching free space of 1200 mm							ACCOMPLISH
SPab7	The approaching free space with contrast ≥ 30 points LRV							ACCOMPLISH

CHR	Changing rooms	YES	N/A	NON	Comments	Audit Phase
	Accessible dressing or changing rooms					
CHR1	Corridors width ≥ 1000mm and direction changes with Maneuvering turning space of 1500mm					PERMIT
CHR2	Approaching space for lockers, benches and furniture 1420 x 865mm					PERMIT
CHR3	1 of 10 showers is accessible, if provided					PERMIT
CHR4	1 of 10 toilet is accessible, if provided					PERMIT

FU	Furniture	YES	N/A	NON	Comments	Audit Phase
FU1	Without sharp edges, protruding objects, burning surfaces. With contrasting colour. Made with non-toxic material, and noted if causing allergy					OPERATION
FUt	Tables					
FUt1	Height of the top ≤ 800 mm					OPERATION
FUt2	Clearance height under the table ≥ 680mm					OPERATION

Fut3	Clearance depth under the table \geq 480mm								OPERATION
Fut4	Tables without integrated seats								OPERATION
FUc	Chairs and Benches								
FUc1	Seat height of 430 mm with a \pm 30 mm tolerance								OPERATION
FUc2	Seat depth between 400 - 450 mm								OPERATION
FUc3	With backrest height between 400 - 460 mm								OPERATION
FUc4	Some seats with armrests								OPERATION
FUc5	At least in one side has lateral interaction spacem for wheelchair min 865 x 1420mm with international symbol								OPERATION
FUc6	Outdoor spaces - benches every 100 meters accompanied with shaded areas every 50 m In buildings - benches or seat types every 50 meters								OPERATION
FUc7	Seats with different characteristics to suit different students needs: 1- removable seats to provide places for wheel chairs 2- handed desks to suit left handed users 3-duble seats for studens of big budy shapes 4-seats with communication accessories if needed 5- seats with breathing accessoris if needed 6- seats provided or served by electricity pluges if needed without obstructing the corridors by cable								OPERATION
FUD	Drinking fountains, if provided								

FUd1	Two fountains with different heights ≤ 915mm for the lower one with leg clearance															OPERATION
FUd2	Comfortable frontal and lateral approach															OPERATION
FUd3	If manual button, minimum height = 700mm for the lower one and maximum 1200mm for the higher one															OPERATION
FUd4	Water supply between 600 - 900mm height															OPERATION
FUd5	With bottle filler															OPERATION
FUd6	Clearly visible with contrasting background															OPERATION
FUtb	Trash bins, if provided															
FUtb1	Not located in the accessible path															OPERATION
FUtb2	Lateral space of interaction of at least 865 x 1420mm															OPERATION
FUtb3	Trash bin opening height ≤ 900 mm															OPERATION
FUtb4	Trash bins every 50 meters															OPERATION
FUtb5	When fixed to the walls protrude ≤ 250 mm															OPERATION
FUtb6	Operable with an elbow if opening mechanism is provided															OPERATION
FUtb7	Well contrasted signage															OPERATION
FUv	Vending machines and ATM's, if provided															

ARd2	Illumination \geq 100 lux provided in at least 10% of dining rooms							ACCOMPLISH
ARd3	Sound reduction materials used in dining rooms, floors and walls made of washable materials							OPERATION
ARd4	10% of the tables shall comply with the dimensional criteria for tables							OPERATION
ARd5	The self service tables height located between 900 - 1200mm from the floor							OPERATION
ARd6	Minimum 900mm clear passage to all food service area							OPERATION
ARd7	Spaces for children strollers and mobility devices are provided, 10 seats are movable							OPERATION

RS	Reserved Seating Spaces							Audit Phase
	Auditorium, Sport stadium, theater , etc							
RS1	Number of reserved seats: one reserved wheelchair space for every 50 seats or fraction thereof and beyond 500 seats, one more every 100 seats of fraction thereof , as on general checklist GAU							PERMIT

HE	Hearing Enhancement							Audit Phase
	induction loop, FM, infrared (through expert advice)							
HE1	Hearing enhancement system is provided in the service courtnes and assembly areas							ACCOMPLISH
HE2	Hearing enhancement system is provided in the meeting rooms serving more than 25 person							ACCOMPLISH
HE3	Hearing enhancement system provided in the auditoriums and theaters							ACCOMPLISH

HE4	Posted sign to indicate that the enhancement system is available							ACCOMPLISH
HE5	Compatible with language translation system							ACCOMPLISH
HE6	International symbol of access for hearing loss is provided, when the system is provided for persons with hearing impairment							ACCOMPLISH