



SANITARY PROVISIONS

INTERNAL ENVIRONMENT ACCESSIBLE PUBLIC WASHROOM							
No	Question	Specifications		Standard Reference	Photo No	Remarks/Recommendations	Disability Reference
		Current Status	Recommended				
	Minimum Requirements						
1	Are there accessible toilets for all including persons with disabilities, women, transgender and other diverse user groups as specified in section 4.9?		Toilets must be universally designed and inclusive as per HGSS 2021 Sec 4.9, catering to all genders and disability types with clear signage.	HGSS 2021 Sec 4.9, ISO 21542 Sec 22, NBC 2016 Part 3 Clause 9.10.3, UNCRPD Article 9			All Disability Groups, Transgender, Women
2	Are the toilets easily identifiable?		Toilets must be marked with large-font text, pictograms, Braille, and high-contrast visuals, placed at visible height.	HGSS 2021 Sec 4.2, ISO 21542 Sec 33.1, NBC 2016 Part 3 Clause 11.9			Visual Impairment, Cognitive Disability
3	Is there sufficient space of 2000mm x 2200mm inside the toilets to manoeuvre a wheelchair?		Clear turning space of 2000 mm x 2200 mm required for independent use by wheelchair users, including approach clearance.	HGSS 2021 Sec 4.9, ISO 21542 Sec 22.2, NBC 2016 Part 3 Clause 9.10.3.2			Wheelchair Users
4	Are various features in the sanitary provisions as per table 4.1, in section 4.9?		Toilet fittings must conform to dimensions, mounting heights, spacing, and force requirements listed in Table 4.1, Sec 4.9.	HGSS 2021 Table 4.1, ISO 21542 Sec 22, NBC 2016 Part 3 Clause 9.10.3.4			All Users
5	Are water closet (WC) and bidets mounted at a height between 450mm – 480mm?		Toilet seats and bidets should be mounted at 450–480 mm to ensure safe transfer from wheelchairs.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2, NBC 2016 Part 3 Clause 9.10.3.5			Wheelchair Users, Elderly
6	Is the space between the WC and the closest adjacent wall, fitted with a grab bar, between 450 mm – 500mm?		The horizontal distance between WC edge and wall-mounted grab bar should be 450–500 mm for lateral transfer support.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2, NBC 2016 Part 3 Clause 9.10.3.5			Wheelchair Users
7	Is the accessible washbasin mounted at a height between 750mm – 850mm?		The top surface of the basin should be 750–850 mm above finished floor level, with knee	HGSS 2021 Sec 4.9.3, ISO 21542 Sec 22.3, NBC 2016 Part			Wheelchair Users, Short Stature



SANITARY PROVISIONS

			clearance underneath.	3 Clause 9.10.3.6		
8	Is the lower edge of the mirror positioned at a height not exceeding 1m?		Bottom edge of mirror should not exceed 1000 mm from floor, tilted if necessary to aid visibility from seated position.	HGSS 2021 Sec 4.9.3, ISO 21542 Sec 22.3, NBC 2016 Part 3 Clause 9.10.3.6		Wheelchair Users
9	Are the accessible showers provided with a folding seat?		Shower stalls should include fold-down seats with minimum 450 mm width at 450–480 mm height.	HGSS 2021 Sec 4.9.4, ISO 21542 Sec 22.5, NBC 2016 Part 3 Clause 9.10.3.8		Wheelchair Users, Elderly
10	Are the grab bars installed near WC and showers at a height between 750 – 850 mm?		Grab bars should be horizontally mounted at this height for safe support and mobility.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27, NBC 2016 Part 3 Clause 9.10.3.5		Mobility Impairment
11	Do grab bars have a diameter of 38 mm?		Gripping diameter must be 35–40 mm for firm grasp without excessive hand strain.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27, NBC 2016 Part 3 Clause 9.10.3.5		All Users
12	Do wall mounted grab bars have knuckle space 50 mm?		Grab bars should be installed 50 mm away from the wall to allow secure hand placement around the bar.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27, NBC 2016 Part 3 Clause 9.10.3.5		Mobility and Visual Impairment
13	Are grab bars non-slip?		Grab bars must have anti-slip texture and structural strength of 200 kg minimum for user safety.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27, NBC 2016 Part 3 Clause 9.10.3.5		All Users
14	Can the grab bars withstand the load of 200kg minimum?		Same as above	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27, NBC 2016 Part 3 Clause 9.10.3.5		Same as above
15	Are faucets easy to grip and operate with one hand?		Faucets should be lever-style or sensor-activated; no twisting or fine motor control required.	HGSS 2021 Sec 4.9.3, ISO 21542 Sec 22.3, NBC 2016 Part 3 Clause 9.10.3.6		Limited Dexterity, Elderly



SANITARY PROVISIONS

16	Are shower fixtures with at least 1500 mm long hoses?		Flexible shower head hoses must be 1500 mm or longer to allow seated users to bathe independently.	HGSS 2021 Sec 4.9.4, ISO 21542 Sec 22.5, NBC 2016 Part 3 Clause 9.10.3.8			Wheelchair Users, Elderly
17	Are hot water pipes insulated or covered?		Pipes should be insulated or protected to avoid burns from accidental contact beneath washbasins and in showers.	HGSS 2021 Sec 4.9.3, ISO 21542 Sec 22.3, NBC 2016 Part 3 Clause 9.10.3.6			All Users
18	Is the toilet equipped with an emergency alarm system?		Audible and visual alarms must be reachable from floor level and include reset buttons near entrance and within reach of WC.	HGSS 2021 Sec 4.9.6, ISO 21542 Sec 33.1, NBC 2016 Part 3 Clause 9.10.3.10			HGSS 2021 Sec 4.9.6, ISO 21542 Sec 33.1
19	Can doors be locked from inside and releasable from outside under emergency situations?		Doors should be easy to operate with one hand and must allow override or release from the outside in case of emergency.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22, NBC 2016 Part 3 Clause 9.10.3.1			All Users
20	Are flushing arrangements, dispensers and toilet paper mounted between 300mm and 800mm?		All accessories must be within this height range for seated reach and have accessible control levers or sensors.	HGSS 2021 Table 4.1, ISO 21542 Sec 22.2, NBC 2016 Part 3 Clause 9.10.3.5			Mobility Impairment, Wheelchair Users
21	Is flushing equipment easy to operate?		Controls must not require tight grasping or wrist twisting and should require minimal pressure or hand strength.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2, NBC 2016 Part 3 Clause 9.10.3.5			Limited Dexterity
22	Is the floor material skid proof, well drained and waterproof?		Floor finishes must be non-slip, resistant to water, and sloped gently to allow water drainage away from walking zones.	HGSS 2021 Sec 4.9.7, ISO 21542 Sec 12, NBC 2016 Part 3 Clause 9.10.3.7			All Users
23	Do washroom doors open inward/ outwards/ both ways?		Doors should preferably open outward or slide. Where inward opening is used, it must not obstruct the wheelchair turning area.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22, NBC 2016 Part 3 Clause 9.10.3.1			Wheelchair Users, Emergency Response



SANITARY PROVISIONS



SANITARY PROVISIONS

INTERNAL ENVIRONMENT ACCESSIBLE PUBLIC WASHROOM							
No	Question	Specifications		Standard Reference	Photo No	Remarks & Recommendations	Disability
	Overall Provisions	Current Status	Recommended				
1	Is there an accessible cubicle with dimensions 2200 mm x 2000 mm in the ladies and gents toilet block?		Each gender-specific toilet must include one accessible cubicle with dimensions of at least 2200 mm x 2000 mm to accommodate wheelchair users.	HGSS 2021 Sec 4.9.1; NBC 2016 Part 3, Cl. 9.12.1(c); ISO 21542:2011 Sec 22.2			Wheelchair Users, Gender Minorities
2	Is the size of the accessible residential washroom – 1800 mm x 2300 mm or 1500 mm x 2500 mm?		The minimum recommended internal dimensions for a residential accessible washroom are either 1800 mm (width) × 2300 mm (length) or 1500 mm (width) × 2500 mm (length) to ensure adequate space for side/lateral transfers, turning radius, and caregiver assistance	HGSS 2021 Sec 4.9.1 & Annex D; NBC 2016 Part 3, Table 2 Note 1; ISO 21542 Sec 22.3.2			Wheelchair Users, Elderly, Persons Requiring Personal Assistance
3	Is there a unisex accessible toilet in the building?		A standalone unisex accessible toilet should be provided for maximum flexibility, use by caregivers, transgender persons, and emergencies.	HGSS 2021 Sec 4.9.1; NBC 2016 Part 3, Cl. 12.2.1; ISO 21542 Sec 20.2; UNCRPD Article 9			All Disability Groups, Transgender, Caregivers
4	If a unisex accessible toilet or an accessible cubicle are present then:		The unisex or accessible cubicle must comply with accessibility standards in terms of dimensions, fittings, and reach ranges, and be available in all key locations across the premises. These toilets should be designed to support users who require	HGSS 2021 Sec 4.9.1; NBC 2016 Part 3, Cl. 12.2.1; ISO 21542 Sec 20.2; UNCRPD Article 9			Wheelchair Users, All Gender Identities, Persons with High Support Needs, Elderly, Caregivers



SANITARY PROVISIONS

			assistance (caregivers), transgender persons, or when gender-specific toilets are inaccessible.			
5	Are they present on all floors of the building?		Accessible toilets or cubicles should be provided on every floor accessed by the public or staff, not just the ground floor.	HGSS 2021 Sec 4.9.1; NBC 2016 Part 3, Cl. 9.12.1(e); ISO 21542 Sec 22.2; UNCRPD Article 9		All Users
6	Does the accessible toilet door open outward, slide, or have double hinges?		Toilet doors should be outward opening or sliding to ensure emergency access and prevent blocking turning space.	HGSS 2021 Sec 4.9.1; NBC 2016 Part 3, Cl. 9.12.3; ISO 21542 Sec 22.3.4		Wheelchair Users
7	Is the WC installed in a corner with centreline of the WC at a distance of 450mm to 500mm from the adjacent wall. The front edge of WC should project 750mm off from the rear wall?		For lateral transfers, the WC must be 450–500 mm from the wall, with a front edge extending 750 mm from the rear wall.	HGSS 2021 Sec 4.9.1 & Annex D; NBC 2016 Part 3, Cl. 9.12.4; ISO 21542 Sec 22.3.3; UNCRPD Article 9		Wheelchair Users
8	Is there is a backrest for the WC?		All accessible WCs must be fitted with a firm, padded backrest to provide support and reduce strain on the spine.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2		Mobility Impairment, Elderly
9	The seat height of the WC is 450mm?		The height of the toilet seat from finished floor should be 450 mm for safe transfer from wheelchairs.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2, NBC 2016 Part 3, Fig. 20		Wheelchair Users, Elderly
10	Is lever type flush control installed at a height of 1100mm from the floor surface, or on the transfer side of the WC? Is the force required to flush comfortable?		Flush controls should be lever-based, reachable from seated position, and installed at 1100 mm or on the transfer side wall.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2		Wheelchair Users, Limited Dexterity



SANITARY PROVISIONS

11	There is 800mm of clear transfer space next to the WC?		An unobstructed lateral space of 800 mm is required beside the WC to allow lateral wheelchair transfer.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2			Wheelchair Users
12	Is manoeuvring space (1500 mm diameter) available for wheelchairs or strollers?		A 1500 mm diameter circle is required to ensure 360° turning by wheelchairs or strollers inside the toilet.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22.2, NBC 2016 Part 3, Sec 9.5.3			Wheelchair Users, Parents with Strollers
13	Is transfer possible from both sides or at least one side of the WC?		Preferred transfer access from both sides, but at minimum, lateral approach from one side must be available.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2			Wheelchair Users
14	Is a horizontal grab bar installed at 200 mm height from WC seat on adjacent wall?		A horizontal grab bar should be fixed at 200 mm above the toilet seat for side transfer and support.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27, NBC 2016 Part 3 Clause 12.4.2, UNCRPD Article 9			Wheelchair Users
15	Is a fold-up grab bar installed 320 mm – 200 mm from WC seat centreline?		A flip-up grab bar must be placed on the opposite transfer side at 320–200 mm from WC centreline.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27, NBC 2016 Part 3 Clause 12.4.2, UNCRPD Article 9			Wheelchair Users
16	Is the wash basin installed at least 400 mm from the side wall?		Wash basins should be offset from walls by at least 400 mm to allow unobstructed lateral wheelchair access and adequate grab bar spacing.	HGSS 2021 Sec 4.9.3, ISO 21542 Sec 22.3, NBC 2016 Part 3 Clause 12.4.3, UNCRPD Article 9			Wheelchair Users
17	Is the top edge of the wash basin between 800 mm and 840 mm from the floor?		Height of basin rim must be within 800–840 mm from finished floor level to be accessible to	HGSS 2021 Sec 4.9.3, ISO 21542 Sec 22.3, NBC 2016 Part 3 Clause 12.4.3,			Wheelchair Users, Short Stature



SANITARY PROVISIONS

			seated and standing users.	UNCRPD Article 9			
18	Is there is clear knee space of at least 750mm height x 750mm width x 200mm depth under the wash basin, with additional toe-space of 300mm height x 750mm width x 230mm depth?		Clear under-basin space must meet these minimum dimensions to accommodate wheelchair approach and comfort.	HGSS 2021 Sec 4.9.3; ISO 21542 Sec 22.3; NBC 2016 Part 3 Cl 9.5.2.1(e)			Wheelchair Users
19	Is the wash basin fitted with automatic or lever-type faucets?		Taps should be lever-operated or sensor-based to support one-handed operation with minimal force.	HGSS 2021 Sec 4.9.3; ISO 21542 Sec 22.3; NBC 2016 Part 3 Cl 9.5.2.1(f)			Persons with Limited Dexterity, Elderly
20	Is the toilet floor surface non-slippery?		Floor finish should be matte, non-glossy, and slip-resistant even when wet.	HGSS 2021 Sec 4.9.7; ISO 21542 Sec 12; NBC 2016 Part 3 Cl 9.4.1			All Users
21	Is there colour contrast between the floor, wall, and sanitary fittings?		Colour contrast enhances visibility for persons with low vision and cognitive disabilities.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 33.1; NBC 2016 Part 3 Cl 9.2.1.2; UNCRPD Art. 9			Low Vision, Cognitive Disability
22	Is there an alarm system within easy reach to alert persons outside, in case of emergency?		The alarm cord or button must be accessible from the toilet seat and the floor, with visual indicators for others.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1; NBC 2016 Part 3 Cl 9.5.2.4; UNCRPD Art. 9			All Users, Especially Elderly and PwDs
23	Does the alarm system include a visual alert for deaf users?		Flashing lights or indicators must be installed inside and outside the toilet to notify hearing-impaired users of an emergency.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1; NBC 2016 Part 3 Cl 9.5.2.4			Hearing Impairment
24	Can the toilet door be locked from inside and released from outside during emergencies?		Emergency override from outside must be possible without use of tools, while maintaining user privacy.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 Cl 9.5.2.3			All Users



SANITARY PROVISIONS

25	Is the accessible toilet kept unlocked and not used as janitor's storage?		Accessible toilets should be usable at all times and not repurposed for cleaning/storage equipment.	HGSS 2021 Sec 4.9.1; UNCRPD Article 9; NBC 2016 Part 3 Cl 9.5.2.5			All Users
26	Is the toilet clean and well-maintained?		Toilets must be cleaned regularly with dry floors and accessible hygiene standards maintained.	HGSS 2021 Sec 4.9.7; ISO 21542 Sec 12; NBC 2016 Part 3 Cl 9.5.2.5			All Users
27	Is the mirror mounted at an accessible height?		Bottom edge of the mirror should be ≤ 1000 mm, with tilt if needed for visibility from seated position.	HGSS 2021 Sec 4.9.3; ISO 21542 Sec 22.3; NBC 2016 Part 3 Cl 9.5.2.1(c)			Wheelchair Users
28	Are all toilet accessories (soap, hooks) within accessible reach range?		Soap dispensers, coat hooks, tissue rolls etc. should be installed between 300 mm and 800 mm from floor level.	HGSS 2021 Table 4.1; ISO 21542 Sec 22.2; NBC 2016 Part 3 Cl 9.5.2.1(c)			Wheelchair Users, Limited Reach
29	In addition to accessible toilets, do non-accessible toilets follow the standardization of placement of utilities?		All public and staff toilets, in addition to accessible units, should follow standardized utility placement: basin taps at center, soap dispensers to side, water jets and taps at WC sides, and flush behind or at center of WC.	HGSS 2021 Sec 4.9.2 & 4.9.3; ISO 21542 Sec 22.2; NBC 2016 Part 3 Cl 9.5.2.1			All Users
30	Are basin taps placed at the centre of the basin?		To support intuitive use and universal reachability, taps should be mounted centrally above the basin.	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3; NBC 2016 Part 3 Cl 9.5.2.1(f)			All Users, Persons with Limited Dexterity
31	Are Soap dispensers either at the immediate right or left side of the basin?		Soap dispensers should be positioned laterally next to	HGSS 2021 Sec 4.9.9; ISO 21542 Sec 22.3; NBC			Persons with Limited Dexterity, Wheelchair Users



SANITARY PROVISIONS

			the basin to enable one-handed access and reduce overreaching.	2016 Part 3 CI 9.5.2.1(f)			
32	Are Water jets on the right or left side of the WC?		Hand-held water sprays must be placed on either side of the water closet to ensure user-friendly access during hygiene routines.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 22.2; NBC 2016 Part 3 CI 9.5.2.1(h)			Wheelchair Users, Elderly
33	Is the flush either immediately behind the seat or at the centre?		Flush controls must be installed where they are easily reachable without requiring twisting, ideally directly behind the WC or centrally placed.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 22.2; NBC 2016 Part 3 CI 9.5.2.1(h)			Persons with Limited Mobility, Wheelchair Users
34	Is the WC water tap either at the right or left of the WC?		Taps associated with water closets must be laterally positioned to ensure reachability from seated posture and without body turning.	HGSS 2021 Sec 4.9.6; NBC 2016 Part 3 CI 9.5.2.1(h)			Persons with Limited Dexterity, Elderly
35	Are doors hinged with two-way swing or use swing-clear hinges?		Doors should open both inward and outward, or use swing-clear hinges to maximize clear opening width.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 CI 9.5.1.1			All Users
36	Are sliding doors used where space is limited?		Sliding doors are preferred where swing radius affects clear space, especially in tight environments.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 CI 9.5.1.1			Wheelchair Users
37	Is the minimum clear door width at least 900 mm?		Clear opening width should be ≥ 900 mm to allow unobstructed access for wheelchairs and strollers.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 CI 9.5.1.2			Wheelchair Users
38	Is a lever-type door handle used?		Door handle should be operable with	HGSS 2021 Sec 4.9.1; ISO			Limited Dexterity, Elderly



SANITARY PROVISIONS

			one hand, requiring minimal force, and not requiring tight grasp or wrist rotation.	21542 Sec 22; NBC 2016 Part 3 Cl 9.5.1.2(f)		
39	Is the door handle placed at a height between 800 mm to 1000 mm?		The handle should be mounted at an ergonomic height accessible to both standing and seated users.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 Cl 9.5.1.2(d)		Wheelchair Users, Children
40	Is there a horizontal push bar installed at 1000 mm height (900 mm to 1100 mm range)?		A horizontal bar must allow easy push/pull without requiring fine motor skills or grip strength.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22		Wheelchair Users
41	Are latch/bolt controls provided at accessible levels (200–250 mm, 800–900 mm, 1800–2100 mm)?		Controls should be provided at multiple heights to support varying user abilities and ergonomics.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22		All Usersx`
42	Mid Level – 800 mm to 900 mm		As above	As above		
43	Top Level – 1800 mm to 2100 mm (subject to door height)		As above	As above		
44	Is the clear width of the door minimally 900 mm?		Clear opening width should be ≥ 900 mm to allow unobstructed access for wheelchairs and strollers.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 Cl 9.5.1.2(c)		Wheelchair Users
45	Does the door require minimal force to open or close?		Doors must require low operating force and should not create resistance for older adults or children.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22		Elderly, Children
46	Do the doors have a lever type handle and not a knob type handle? Is a lever type handle used with a horizontal bar 800 mm from the floor and a vertical bar in the opening side with its lower edge at 800 mm from the floor?		Handle design must allow intuitive opening via both horizontal and vertical components for all grip types.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 Cl 9.5.1.2(f)		Limited Dexterity, Visual Impairment



SANITARY PROVISIONS

47	Does the colour of the doorframe contrast in colour with the door and the background wall? And the colour of door furniture contrast from the door?		Use contrasting colors for door edges and fittings to support low vision users in locating entry points.	HGSS 2021 Sec 4.2; ISO 21542 Sec 33.1; NBC 2016 Part 3 CI 9.5.1.4			Low Vision
48	Are there thresholds present on the door? If yes are thresholds ≤ 12 mm?		Raised thresholds should be avoided; if present, they must be beveled and ≤ 12 mm height.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 CI 9.5.1.2			Mobility Impairment, Wheelchair Users
49	Are doors fitted with timed-release springs for gentle automatic closure?		Doors should close automatically but slowly to avoid injury or obstruction.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22			All Users
50	Is there enough space for wheelchair users to open and maneuver through the door?		Sufficient clear approach space (minimum 1500 mm turning radius) should be provided on both sides.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 CI 9.5.1.1			Wheelchair Users
51	Are there any other doors that opens in the corridor, except the accessible toilet door?		Corridor safety should be ensured by minimizing sudden obstructions from doors opening outward except for designated accessible toilets.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 CI 9.5.1.1			All Users
52	If there are two doors in a series, is there at least 1500 mm of clear space between them?		Airlock or vestibule spaces with two doors should have at least 1500 mm of clear floor space between the open doors to allow turning and manoeuvring.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 CI 9.5.1.1			Wheelchair Users
53	If a vision panel is provided, it is comfortable for both wheelchair users and for standing persons?		If provided, vision panels must span 900 mm to 1500 mm from the floor to be usable by wheelchair	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3 CI 9.5.1.2			Wheelchair Users, Visual Impairment



SANITARY PROVISIONS

			users and standing persons.			
55	Are kick plates provided on the lower part of the door?		Doors used frequently or by wheelchair users should have kick plates installed to protect against damage and facilitate foot or cane-based opening.	ISO 21542 Sec 22; Universal Design Principle 6		Wheelchair Users, Blind Users
55	If glass doors are present, then do they have manifestations to make them prominent and at what heights?		Glass doors should have two continuous bands of visual markings between 850 mm and 1000 mm, and 1400 mm and 1600 mm above the floor level.	HGSS 2021 Sec 4.2; ISO 21542 Sec 33.1; NBC 2016 Part 3 Cl 9.5.1.3		Visual Impairment
56	Are door closures avoided, or used with minimum resistance?		Door closers should be avoided or configured with minimal resistance; automatic or delayed-closing systems are preferred.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22		All Users
57	Is the building entrance fitted with automatic doors staying open at least 5 seconds?		Automatic entrance doors should stay open long enough (≥ 5 seconds) for all users to pass safely, with sensors adjusted for approach speed.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22		Wheelchair Users, Elderly
58	Does the door have a guardrail where it opens into a route of travel?		To prevent collisions, doors that open into corridors or pathways must have guardrails to protect passing users.	ISO 21542 Sec 22; NBC 2016 Part 3 Cl 9.5.1.5		All Users
59	Do sliding automatic doors have sensors or manual large push button control?		Overhead sensors or accessible push-button controls (at 900–1100 mm	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22; NBC 2016 Part 3		Mobility Impairment, Wheelchair Users



SANITARY PROVISIONS

			height) must be installed for automatic door activation.	Cl. 9.10.3.2 (g); UNCRPD Article 9			
60	Is the location of washbasin and related fixtures preferably straight access from the door? (Is the washbasin location directly accessible from the entrance?)		Washbasin should be positioned along a straight path from the entrance to minimize turning or reverse maneuvers for wheelchair users.	HGSS 2021 Sec 4.9.3; ISO 21542 Sec 22.3; NBC 2016 Part 3 Cl. 9.10.3.2 (i); UNCRPD Article 9			Wheelchair Users
61	Is there a clear manoeuvring space of 1500 mm diameter in front of the washbasin?		Turning radius of 1500 mm is required for full wheelchair rotation near the washbasin area.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 22.2; NBC 2016 Part 3 Cl. 9.10.3.2 (b); UNCRPD Article 9			Wheelchair Users
62	Is there a designated wheelchair parking space of at least 900 mm x 1200 mm?		A minimum unobstructed parking bay of 900 mm x 1200 mm should be available near the wash area.	HGSS 2021 Sec 4.9.1; ISO 21542 Sec 24.2; NBC 2016 Part 3 Cl. 9.10.3.2 (b); UNCRPD Article 9			Wheelchair Users
63	Is the height of the washbasin between 700 mm and 800 mm from the floor?		Basin rim must be mounted within this height range to accommodate seated and short-statured users.	HGSS 2021 Sec 4.9.3; ISO 21542 Sec 22.3; NBC 2016 Part 3 Cl. 9.10.3.2 (i); UNCRPD Article 9			Wheelchair Users, Short Stature
64	Is the mirror fixed at 900 mm from the floor or full-length, tilt-adjustable?		Mirror should either start from 900 mm height or be full-length with adjustable tilt to serve all user heights. (Preferable especially for family friendly facilities) Should be Tilttable with adjustable mechanism to accommodate	HGSS 2021 Sec 4.9.3; ISO 21542 Sec 22.3; NBC 2016 Part 3 Cl. 9.10.3.2 (i); UNCRPD Article 9			All Users



SANITARY PROVISIONS

			users with varying heights				
65	Are swing bars fixed at 800 mm height on both sides of the basin?		Foldable swing bars should be installed on both sides of washbasin for lateral transfer and balance.	HGSS 2021 Sec 4.9.5; ISO 21542 Sec 27			Wheelchair Users, Elderly
66	Is the soap dispenser placed between 700 mm and 800 mm?		Accessible soap dispensers must be installed within reach range of seated users (700–800 mm height).	HGSS 2021 Table 4.1; ISO 21542 Sec 22.3			Wheelchair Users
67	Is the towel rail mounted at 1200 mm to 1500 mm height?		Towel rails should be within the upper reach range to support both standing and seated users.	HGSS 2021 Table 4.1; ISO 21542 Sec 22.3			All Users
68	Is the hand drier mounted at or below 1000 mm height?		Hand dryers must be reachable without stretching from a seated or short-statured position.	HGSS 2021 Table 4.1; ISO 21542 Sec 22.3			Wheelchair Users, Short Stature
69	Are faucets lever-type or sensor-based?		To ensure ease of use, faucets should require minimal force and not involve twisting movements.	HGSS 2021 Sec 4.9.3; ISO 21542 Sec 22.3; NBC 2016 Part 3, Clause 9.10.3.6			Limited Dexterity, Elderly

INTERNAL ENVIRONMENT ACCESSIBLE WASHROOM							
No	Question	Specifications		Standard Reference	Photo No	Remarks & Recommendations	Disability
	Expanded Provisions	Current Status	Recommended				



SANITARY PROVISIONS

70	Is the WC located in the dry zone of the washroom?		Water closet must be installed in the dry zone for safety and hygiene, minimizing slip risks during transfer.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2			Wheelchair Users
71	Is there lateral transfer space (900 mm x 1200 mm) provided on both sides in new buildings?		New construction must allow unobstructed transfer space on both sides. One side allowed in retrofits.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2			Wheelchair Users
72	Is the wall-hung WC mounted at 450 mm to 480 mm height with centerline 450 mm to 480 mm from wall?		Wall-mounted WCs should be placed to allow lateral transfers, with seat top at 450–480 mm and aligned from adjacent wall.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2			Wheelchair Users, Elderly
73	In the wall-hung type WC, is there lateral space (for transfer) – 900 mm x 1200 mm?		New construction must allow unobstructed transfer space on both sides. One side allowed in retrofits.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2			Wheelchair Users
74	Are fixed L-type grab bars (750 mm vertical x 600 mm horizontal) installed near the WC?		Wall-mounted fixed L-type bars should be placed at height and size to aid seated stability and transfer.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27			Mobility Impairment
75	Are foldable grab bars installed 300–350 mm from WC centerline and ≤ 300 mm from seat edge?		Foldable support bars must be within 300 mm of seat front edge, mounted 300–350 mm from WC center. Below the grab bars and not more than 300 mm from the front edge of the seat and at a height between 50 mm and 200 mm from the top of the water closet seat.	HGSS 2021 Sec 4.9.5; ISO 21542 Sec 27			Wheelchair Users, Elderly
76	Is Indian-style floor toilet installed with grab		For Indian squat WCs, fixed grab bars must match 750	HGSS 2021 Fig 4.37–4.39, ISO 21542 Sec 22.2			Users of Indian Toilet, Elderly



SANITARY PROVISIONS

	bars as per reference figures?		mm vertical x 600 mm horizontal, mounted from 450–480 mm centerline. Ground level fixed with reference to center line 450 mm to 480 mm				
77	Are fixed L-type grab bars (750 mm vertical x 600 mm horizontal) installed near the WC?		Wall-mounted fixed L-type bars should be placed at height and size to aid seated stability and transfer.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27			Mobility Impairment
78	Is the toilet roll and hand wash faucet: ablation tap at 200 mm and attached jet spray up to the height 450 mm?		Ablution accessories must be operable by seated users and mounted between 200–450 mm from the floor.	HGSS 2021 Sec 4.9.3, ISO 21542 Sec 22.2			All Users
79	Is the shower seat centerline placed 450–480 mm from the wall?		Shower seats should be installed 450–480 mm from the wall to facilitate balanced seating and transfer.	HGSS 2021 Sec 4.9.4, ISO 21542 Sec 22.5			Wheelchair Users
80	Are shower faucets placed between 750 mm and 800 mm height?		Fixtures must be usable from seated and standing height, with lever or sensor controls preferred.	HGSS 2021 Sec 4.9.4, ISO 21542 Sec 22.5			All Users
81	Are vertical grab bars fixed at a height of 800 mm and are 600 mm in length?		Shower grab bars should be fixed vertically 800 mm from floor for hand support during seated/standing use.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27			All Users
82	Are horizontal grab bars fixed at a height of 800 mm with a length of 600 mm?		Horizontal bars for shower/WC areas should be placed at 800 mm height for user support and stability.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27			Mobility Impairment
83	Are foldable Grab bars fixed at 300 mm to 350 mm from the center line of shower seat and at a		Fold-down support bars must be within accessible reach of seated users and maintain 800	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27			Wheelchair Users



SANITARY PROVISIONS

	height of 800 mm?		mm mounting height.				
84	Is the soap dish positioned such that the operable parts and controls are between 800 mm and 1000 mm from the floor?		Soap dishes must be reachable from seated position without requiring fine motor strength.	HGSS 2021 Table 4.1, ISO 21542 Sec 22.3			All Users
85	Is the urinal installed with a centerline height of 500 mm within a 900 mm x 1200 mm area?		Urinals must be installed at height suitable for wheelchair users, with clear space for frontal access.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2			Wheelchair Users
86	Is the toilet seat height 380 mm (child and wheelchair accessible)?		Toilets in family and child-friendly restrooms must be mounted at 380 mm from floor level for universal usability.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2			Children, Wheelchair Users
87	Are fixed type vertical grab bars (600 mm length) fixed at 800 mm height?		Grab bars should be fixed vertically on the side walls at a consistent height of 800 mm for standing support.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27			Children, Mobility Impairment
88	Are fixed type horizontal grab bars fixed at a height of 800 mm with a length of 600 mm?		Horizontal grab bars should be mounted at 800 mm height to assist in side transfers and provide support.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27			Children, Mobility Impairment
89	Are foldable type grab bars fixed at 300 mm to 350 mm from the center line of shower seat and at a height of 800 mm?		Foldable support bars must be installed at standard offset from seat center and assist in flexible side access.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 27			Wheelchair Users, Elderly
90	Is the height of the washbasin at about 550 mm from the finished floor level for children?		Child-friendly basins should be mounted 550 mm from the floor, accessible from both seated and standing positions.	HGSS 2021 Sec 4.9.3, ISO 21542 Sec 22.3			Children
91	Are baby changing stations installed at 700–800 mm height in all gendered and family-friendly toilets?		Fold-down baby stations must be present in male, female, and unisex toilets at accessible height for caregivers.	HGSS 2021 Sec 4.9.4, ISO 21542 Sec 22.3			Caregivers, Parents



SANITARY PROVISIONS

92	Is baby protection seat fixed at 400 mm height from finished floor level?		Seats for securing infants must be mounted at 400 mm height in family-friendly restrooms for feeding/changing ease.	HGSS 2021 Sec 4.9.4, ISO 21542 Sec 22.3			Parents, Caregivers
93	Is the emergency alarm switch mounted between 700 mm and 900 mm near L-grab bar? Emergency alarm switch Location : at a range of 700mm to 900 mm in reference with the L shaped grab bar		Emergency button should be accessible from seated position with placement coordinated near the grab bar for reach.	HGSS 2021 Sec 4.9.6, ISO 21542 Sec 33.1			All Users
94	Is the alarm pull cord red with two red bangles (50 mm dia) placed at 800–1100 mm and 100 mm from floor? Pull Cord: Coloured red, with two D3800 red bangles of 50 mm diameter, one set at a height between 800 mm and 1100 mm and the other set at 100 mm above floor level.		Red cord must be visible with tactile rings for emergency access from seated or floor level position.	HGSS 2021 Sec 4.9.6, ISO 21542 Sec 33.1			Blind Users, Wheelchair Users
95	Is the washroom door width at least 900 mm?		Doors should have a minimum clear opening width of 900 mm for unobstructed entry by wheelchair users and caregivers with strollers.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22			Wheelchair Users, Families
96	Is the internal clear space at least 1200 mm x 2100 mm?		Toilet rooms should provide enough turning and maneuvering space for wheelchairs and caregiver assistance.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22.2			Wheelchair Users, Families, Elders
97	Are cloth hooks installed between 900 mm and 1200 mm height?		Coat or cloth hooks must be within accessible vertical reach	HGSS 2021 Table 4.1, ISO 21542 Sec 22.2			All Users



SANITARY PROVISIONS

			for seated and standing users.			
98	Are light/power switches installed at 1200 mm from floor level?		Switches should be placed at 1200 mm height to be within accessible reach of all users.	HGSS 2021 Table 4.1, ISO 21542 Sec 22.3		Wheelchair Users, Short Stature
99	Are vending machines for sanitary napkins/diapers installed at or below 1200 mm height?		Accessible sanitary product vending machines must be operable from seated position and not exceed 1200 mm height.	HGSS 2021 Sec 4.9.4, ISO 21542 Sec 22.3		Women, Parents, PwDs users
100	If accessible toilet is not available, is a space identified and provisioned for one?		Every facility should identify and earmark accessible toilet location for future retrofitting if not currently available. If an accessible toilet is not available then identify the space to provide for it.	HGSS 2021 Sec 4.9.1, UNCRPD Article 9		All Users
101	Are provisions made for all disability and gender types (maneuvering space, grab bars, hygiene, signage)?		Washrooms must accommodate users with diverse access needs via appropriate fittings, layout, and maintenance. Every washroom or public toilet complex shall ensure accessibility provisions for all disability and gender types. This essentially means making adequate space provisions like for maneuvering wheelchairs, baby prams or other assistive devices, provision of supportive features like	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22, Universal Design Principle 1		All Users, All Genders



SANITARY PROVISIONS

			grab rails, lever type handles, etc and well maintained & hygienic environment.				
102	Is multi-format accessible information provided for washrooms?		<p>Accessible signage must be visual, tactile, and/or audio-enabled where possible, for inclusive navigation.</p> <p>Provision of accessible information through multi-format information systems shall remain an integral feature for universally accessible washrooms.</p>	HGSS 2021 Sec 4.2, ISO 21542 Sec 33.1			Blind, Low Vision, Cognitive Disability
103	Are gender-neutral/unisex accessible toilets provided where male/female provision isn't possible?		<p>In cases of spatial limitation, a single unisex toilet with full accessibility features must be provided.</p> <p>Ideally in a public toilet environment accessible WC cubicles shall be present in both male and female washrooms. Whenever, it is challenging to make such provisions, a gender neutral/unisex accessible washroom shall be provided with all supportive features including lateral transfer provisions to WC.</p>	HGSS 2021 Sec 4.9.1, UNCRPD Article 9			All Users, Transgender, Caregivers
104	Are 25% of public toilet cubicles Indian style to support cultural inclusion?		To cater to user diversity, Indian-style squat toilets should form at least one-quarter of public toilet cubicles.	HGSS 2021 Sec 4.9.2, ISO 21542 Sec 22.2			General Public



SANITARY PROVISIONS

			<p>An all-inclusive and universally accessible washroom system shall ensure provisions for diverse cultural choices as well. This implies provision of 25% Indian style WC cubicles in public toilet environment.</p>			
105	<p>Are family rooms and baby changing areas provided in public facilities like malls and transport hubs?</p>		<p>Family-friendly toilets must include baby feeding/changing rooms in high footfall public buildings.</p> <p>Certain spaces or built environment typologies like shopping malls, transportation hubs, etc shall also require to create family friendly washrooms along with baby changing facilities and baby feeding room. Where there is requirement for only one toilet or sanitary room in a building, a wheelchair accessible unisex/gender neutral toilet shall be provided but of a greater width to accommodate a standing height washbasin and a urinal.</p>	<p>HGSS 2021 Sec 4.9.4, ISO 21542 Sec 22.3</p>		<p>Parents, Children, Caregivers</p>
106	<p>Where there is only one toilet, is it unisex accessible with greater width to include urinal and wash basin?</p>		<p>Standalone toilet units must be universally accessible and wide enough to house urinal, WC, and basin accessibly.</p>	<p>HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22.2</p>		<p>All Users</p>



SANITARY PROVISIONS

107	Is the accessible toilet located such that travel distance does not exceed 30 m on the same floor?		<p>Toilet access points should be spaced to limit travel distance to a max of 30 m to minimize fatigue.</p> <p>The provision of the accessible toilets shall be such that any wheelchair user/ambulant disabled person doesn't have to travel more than 30 m on the same floor.</p>	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22			Wheelchair Users, Elderly
108	Is the placement of fittings logical and easy to use for all users?		<p>Fixtures should follow a consistent layout for predictability and ease of use by people with cognitive or vision disabilities.</p> <p>The design of toilet facilities shall incorporate ease of use for all people and location of fittings should follow a logical sequence.</p>	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22, Universal Design Principle 5			All Users
109	Are mirror placements and lighting designed to avoid glare or confusion for low vision users?		<p>Lighting must be uniform and glare-free; mirrors should not reflect excessive light or confusing images.</p> <p>Care shall be taken in placing mirrors and lights to avoid confusion and dazzling for visually impaired users.</p>	HGSS 2021 Sec 4.2, ISO 21542 Sec 33.1			Low Vision
110	Are staff/public/employee toilets accessible to all ages, genders, and disabilities?		Toilets for specific user groups (students, employees, staff) must meet universal accessibility standards.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22, UNCRPD Article 9			All Users



SANITARY PROVISIONS

			Wherever there is provision of public washrooms to be used by employees, staff, students, patients, or other intended users, they all should be accessible to be used by users of different ages, gender and persons with disabilities who may be independent, accompanied or assisted.				
111	Does the design respond to new typologies (transgender, caregivers, families, elders, children)?		<p>Public washroom design must be inclusive to evolving social groups and demographic needs with dignity.</p> <p>Conventionally, public toilets consist of separate toilet facilities for female and male users. They either come in a cluster layout which has multiple WC cubicles and wash basins provided for larger establishments.</p> <p>Public washroom designs have seen an evolution in their typologies which pays emphasis on diverse human needs such as persons with disabilities, transgenders, elders with caregivers, families with younger children and</p>	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22, Universal Design Principles			Transgender, Elderly, Caregivers, Families



SANITARY PROVISIONS

			expectant mothers.				
112	Is one unisex/gender-inclusive accessible toilet provided per toilet block per floor?		All public buildings must provide at least one unisex accessible toilet in every toilet block on each floor for universal use.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22, UNCRPD Article 9			All Genders, Wheelchair Users, Caregivers
113	Is at least one cubicle for ambulatory disabled users provided in each toilet block?		Toilet blocks should include a WC cubicle with supportive features like grab bars for users with limited mobility.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22.2			Ambulatory Disabled Persons
114	Are unisex toilets sized at a minimum of 2200 mm x 2000 mm?		Unisex accessible units must have internal dimensions of at least 2200 mm x 2000 mm to ensure comfortable use and transfers.	HGSS 2021 Fig 4.25 & 4.26, Sec 4.9.1			Wheelchair Users, Caregivers
115	Is there an 1800 mm turning diameter provided in front of WC and basin?		An 1800 mm clear turning radius is required in front of fixtures; if not possible, 1500 mm is the minimum acceptable.	HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22.2			Wheelchair Users
116	Do all fixtures provide 900 mm x 1200 mm clear space for wheelchair access?		Each utility must allow frontal or parallel access with 900 mm x 1200 mm of unobstructed maneuvering space.	HGSS 2021 Sec 4.9.8, ISO 21542 Sec 22.3			Wheelchair Users
117	Is there a clear space of not less than 900 mm wide next to the water closet?						
118	Does the toilet door comply with Section 4.9.5 (minimum 900 mm, lever handles, outward opening)?		The toilet door should have compliant width, lever handle, contrast color, swing-clear hinge, and easy-lock system.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 22			Wheelchair Users, Elderly
119	Is the WC compliant with Section 4.9.6 (seat height, backrest, placement)?		Water closet should be 450–480 mm high with centerline 450–480 mm from wall and	HGSS 2021 Sec 4.9.6, ISO 21542 Sec 22.2			Wheelchair Users, Elderly



SANITARY PROVISIONS

			suitable support fixtures.				
120	Are grab bars compliant with Section 4.6.7 (fixed L-bar, foldable bar, 800 mm height)?		Grab bars must be 600–750 mm in length and installed at 800 mm height in L-configuration with additional swing bar.	HGSS 2021 Sec 4.6.7, ISO 21542 Sec 27			Mobility Impairment
121	Is the washbasin compliant with Section 4.9.8 (height, knee space, faucet type)?		Accessible washbasins must be 750–850 mm high with under clearance and lever or sensor-operated taps.	HGSS 2021 Sec 4.9.8, ISO 21542 Sec 22.3			Wheelchair Users
122	Are essential washroom accessories (soap, towel, hand dryer) compliant with Section 4.9.9?		Fixtures like soap dispensers and dryers must be within 800–1000 mm height range and reachable by all users.	HGSS 2021 Sec 4.9.9, ISO 21542 Sec 22.3			All Users
123	Are toilet roll and hand faucet mounted below grab bar, ≤ 300 mm from seat front, 50–200 mm above seat?		<p>Placement of these items should allow seated users to reach without bending or twisting.</p> <p>Have the toilet roll dispenser and hand water faucet mounted below the grab bars and at not more than 300 mm from the front edge of the seat and at a height between 50 mm and 200 mm from the top of the water closet seat</p>	HGSS 2021 Sec 4.9.6, ISO 21542 Sec 22.2			Wheelchair Users
124	Is a cloth hook mounted ≤ 1200 mm from floor and not projecting more than 40 mm?		<p>Coat hooks should be shallow and mounted for reach without obstruction or risk of snagging.</p> <p>Be equipped with a cloth hooks mounted on a side wall not more than 1200 mm from the floor and</p>	HGSS 2021 Table 4.1, ISO 21542 Sec 22.3			All Users



SANITARY PROVISIONS

			projecting not more than 40 mm from the wall			
125	Is a shelf (400 mm x 200 mm) provided at 900–1000 mm height?		Shelves must be shallow, stable, and placed within universal reach range for storing personal items. Where possible, be equipped with a shelf of dimensions 400 mm x 200 mm fixed at a height of between 900 mm and 1000 mm from the floor.	HGSS 2021 Sec 4.9.9, ISO 21542 Sec 22.3		All Users
126	Is the toilet door outward opening, two-way swing, or sliding with a clear width \geq 900 mm?		Accessible toilet doors must not obstruct internal space and should provide a minimum of 900 mm clear opening width.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 22		Wheelchair Users, Elderly
127	Is a horizontal pull-bar (600 mm) installed on the inside at 1000 mm height and 130 mm from hinge?		To assist door closing, a 600 mm pull-bar should be mounted horizontally on the inner side at 1000 mm height and 130 mm from the hinged edge.	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 22		Wheelchair Users
128	Is the locking device and all related door hardware operable with one hand, without tight grasping, pinching, wrist twisting, or more than 22N force? Are all door hardware components (e.g., latches, handles, closers) operable with \leq 22 Newton force?		All locking and door hardware (e.g., latches, handles, closers) must be operable with one hand, without wrist twisting, tight grasping, or pinching. Operable force must not exceed 22 Newtons (N). Devices must not require fine finger control to operate. Be capable of being locked from the inside by a device that is operable by one hand,	HGSS 2021 Sec 4.9.5; ISO 21542 Sec 22; NBC 2016 Annex D.3.4; UNCRPD Article 9		Limited Dexterity, Elderly



SANITARY PROVISIONS

			activated by a force not more than 22N and which does not require fine finger control, tight grasping, pinching, or twisting of the wrist.				
129	<p>Is a doorknob avoided for operation and locking?</p> <p>Are hardware shapes non-circular and operable by one hand?</p>		<p>Round doorknobs are not compliant; use lever-type or push/pull handles for accessibility.</p> <p>It is not recommended to provide a doorknob for locking and operating mechanisms.</p> <p>Must use lever handles, D-handles, or paddle latches. Round knobs are non-compliant.</p>	HGSS 2021 Sec 4.9.5, ISO 21542 Sec 22			All Users
130	Is a visual occupancy indicator installed for stall privacy and safety?		Occupancy indicators provide visual cues from the outside and help avoid unnecessary interruption.	HGSS 2021 Sec 4.9.5; ISO 21542 Sec 22; NBC 2016 Part 3, Clause 9.10.3.1			All Users
131	Are other door fixtures compliant with Section 4.10.8?		All remaining door-related hardware—such as latches, bolts, closers, stops, kick plates, and handles—must comply with accessibility principles.	HGSS 2021 Sec 4.9.5, 4.10.8; ISO 21542 Sec 22; Universal Design Principles 6 & 7			All Users, especially those with limited dexterity, wheelchair users, elderly
132	Are lever handles, D-handles, or paddle latches used instead of knobs or tight-grip hardware?		<p>Hardware must be operable without wrist twisting, tight grasping, or pinching</p> <p>Controls must be non-circular, allowing operation without requiring a tight grip, pinching, or wrist twisting.</p>	NBC 2016 Annex D.3.4, HGSS 2021 Sec 4.9.5, ISO 21542 Sec 22			Limited Dexterity, Visual Impairment



SANITARY PROVISIONS

			Preferred shapes include lever handles, D-handles, and paddle latches.			
133	Are all door hardware (handles, bolts, latches) mounted 800 mm to 1100 mm from the finished floor?		All operable hardware (excluding automatic door systems) must be installed at a consistent and reachable height of 800 mm to 1100 mm from the finished floor level.	NBC 2016 Annex D.2.3, HGSS 2021 Sec 4.9.1, ISO 21542 Sec 22		Wheelchair Users, Short Stature
134	Are kick plates provided on doors used frequently by wheelchair users or with foot operation?		Kick Plates: Should be installed on the bottom of doors used frequently by wheelchair users or where foot operation is common. They should extend 300 mm to 400 mm high. Kick plates should be 300–400 mm high	NBC 2016 Annex D.3.5, HGSS 2021 Sec 4.10.8, ISO 21542 Sec 22		Wheelchair Users, Blind Users
135	Are all handles operable without wrist rotation, tight grip, or fine motor skills?		All hardware must be operable by persons with limited hand function, including those with arthritis, muscular weakness, or using prosthetics Design must permit easy use with closed fist or prosthesis	NBC 2016 Annex D.3.4, HGSS 2021 Sec 4.9.5, ISO 21542 Sec 22		Users with Arthritis, Motor Disabilities
136	Do door closers allow ≥ 5 seconds delay and require minimal force to reopen?		Automatic Closers: If used, must allow adequate delay for safe passage (≥ 5 seconds) and require minimal effort to reopen. Auto-closing doors must be	NBC 2016 Annex D.3.6, HGSS 2021 Sec 4.10.8, ISO 21542 Sec 22		Elderly, Wheelchair Users



SANITARY PROVISIONS

			delayed or easy to override				
137	Are door stops and edges rounded, flush, or recessed to avoid obstruction or injury?		Should not protrude into clear floor space Door Stops: Should be mounted flush with floor or wall and not protrude into clear travel paths.	NBC 2016 Annex D.3.6, HGSS 2021 Sec 4.10.8, ISO 21542 Sec 22			All Users
138	Do all sliding and swing doors have rounded or protected edges to prevent injury?		Edges should be chamfered, rounded, or fitted with soft materials to avoid sharp contact and ensure safe passage Edge Protection: Sliding or swing doors must include rounded or protected edges to prevent injury.	NBC 2016 Annex D.3.6, HGSS 2021 Sec 4.10.8, ISO 21542 Sec 22, UNCRPD Article 9			Blind Users, Wheelchair Users, Children, Elderly
139	Are privacy bolts, locks, and occupancy indicators visible and operable by all users?		Should have visual/tactile cues and be usable with one hand	NBC 2016 Annex D.3.4, HGSS 2021 Sec 4.9.5, ISO 21542 Sec 22			All Users
140	Are door handles of lever or D-shape type across all accessible toilets and entries?		Controls must be non-circular, allowing operation without requiring a tight grip, pinching, or wrist twisting. Preferred shapes include lever handles, D-handles, and paddle latches. To ensure one-handed use without grip strength	NBC 2016 Annex D.3.4, HGSS 2021 Sec 4.9.5, ISO 21542 Sec 22, UNCRPD Article 9			PwDs with Limb Differences, Elderly
141	Is all door hardware designed per Universal Design Principle 6 – simple, intuitive, and safe use?		Includes force, shape, height, visibility, and reach range	NBC 2016 Annex D, HGSS 2021 Sec 4.10.8, ISO 21542 Sec 22, UNCRPD Article 9			All Users



SANITARY PROVISIONS

142	<p>Is the centerline of WC 460–480 mm from the adjacent wall?</p> <p>Be located between 460 mm to 480 mm from the centreline of the water closet to the adjacent wall.</p>		<p>To ensure optimal lateral transfer, WC should be placed with centerline offset of 460–480 mm from wall-mounted grab bar.</p>	<p>HGSS 2021 Sec 4.9.6, ISO 21542 Sec 22.2, NBC 2016 Annex D, Table D-1, UNCRPD Article 9</p>			<p>Wheelchair Users</p>
143	<p>Is there a 750 mm space from the front edge of WC to the rear wall?</p> <p>It should have a clear dimension of 750 mm from the front edge of the water closet to the rear wall to facilitate side transfer.</p>		<p>Front projection of WC should allow for safe transfer and user leg positioning during use.</p>	<p>HGSS 2021 Sec 4.9.6, ISO 21542 Sec 22.2, NBC 2016 Sec 9.6.2, UNCRPD Article 9</p>			<p>Wheelchair Users</p>
144	<p>Is the WC seat top 450–480 mm from the floor?</p>		<p>Seat height must be within 450–480 mm to allow safe seated transfers; if required, height may be adjusted using circular base.</p> <p>The top of the water closet seat should be 450 to 480 mm from the floor; when the water closet does not have the required height, the necessary height may be obtained by providing a circular base under the water closet. The base so provided must not protrude beyond the circumference of the base of the water closet.</p>	<p>HGSS 2021 Sec 4.9.6, ISO 21542 Sec 22.2, NBC 2016 Sec 9.6.2.4, UNCRPD Article 9</p>			<p>Wheelchair Users</p>
145	<p>Is clear floor space of 1350 mm x 900 mm provided in front and adjacent to WC?</p>		<p>Adequate maneuvering space is critical to enable independent approach, transfer, and turning.</p>	<p>HGSS 2021 Sec 4.9.6, ISO 21542 Sec 22.2</p>			<p>Wheelchair Users</p>



SANITARY PROVISIONS

			There should be an adequate clear floor space of at least 1350 mm depth and 900 mm width, both in front and on the transfer side, adjacent to the water closet.			
146	Is a backrest provided for the WC to prevent injury from leaning against valves?		Backrests improve user stability and prevent injury from exposed plumbing. Have a suitable back support to reduce the chance of imbalance or injury caused by leaning against exposed valves or pipes.	HGSS 2021 Sec 4.9.6, ISO 21542 Sec 22.2		Wheelchair Users, Elderly
147	Is the WC wall-hung or corbel type to allow toe space?		Wall-mounted or corbel toilets provide better toe clearance and turning space. Preferably be of wall-hung or corbel type as it provides additional space at the toe level.	HGSS 2021 Sec 4.9.6, ISO 21542 Sec 22.2		Wheelchair Users
148	Is the water cistern cover securely attached? Where water cistern is used, the cover should be securely attached.		Loose or detachable lids can pose safety risks and are not compliant with accessible design standards.	HGSS 2021 Sec 4.9.6		All Users
149	Is the flush control lever-type or automatic and located on the transfer side at \leq 1000 mm height? The Flush control should either be lever type or automatic and located on the transfer side of the water closet.		Flush must be operable from seated position without excessive reach or force.			HGSS 2021 Sec 4.9.6, ISO 21542 Sec 22.2



SANITARY PROVISIONS

	The flush control should not be located more than 1000 mm from the floor.						
150	Where multiple toilets are present, are both left- and right-hand transfer options available? Where more than one accessible toilet is provided, a left- and right-hand transfer option should be made available.		Buildings with more than one accessible toilet must offer WCs with transfer space on either side.	Wheelchair Users			HGSS 2021 Sec 4.9.6, ISO 21542 Sec 22.2
151	Have water closets been provided with grab bars, mounted at a height between 200 mm and 250 mm from the water closet seat?		Water closets should be equipped with grab bars mounted 200–250 mm above the seat:	HGSS 2021 Sec 4.9.6, Fig. 4.25; ISO 21542 Sec 22.2, 27; UNCRPD Article 9			Wheelchair Users, Elderly
152	Is there one L-shape grab bar: 600mm long horizontal and 750mm long vertical mounted on the side wall closest to the water closet?		- One fixed L-shape grab bar (600 mm horizontal x 750 mm vertical) on the side wall closest to the WC (Ref: Fig. 4.25)	HGSS 2021 Sec 4.9.6, Fig. 4.25; ISO 21542 Sec 22.2, 27; UNCRPD Article 9			Wheelchair Users, Elderly
153	Is a hinged type of horizontal grab bar or a flip up grab bar installed adjacent to the water closet; at 320mm from the centreline of the WC, between heights of 200 mm - 250 mm from the top of the water closet seat and extending 100 mm to 150 mm beyond the front of the water closet?		- One hinged or flip-up horizontal grab bar mounted 320 mm from WC centerline, 200–250 mm above seat top, extending 100–150 mm beyond the front edge	HGSS 2021 Sec 4.9.6, Fig. 4.25; ISO 21542 Sec 22.2, 27; UNCRPD Article 9			Wheelchair Users, Elderly
154	Is the horizontal grab bar uninterrupted for its full length?		- All grab bars should be uninterrupted for full length	HGSS 2021 Sec 4.9.6, Fig. 4.25; ISO 21542 Sec 22.2, 27; UNCRPD Article 9			Wheelchair Users, Elderly
155	Is the positioning of accessories such as hand towel, soap, waste bin, etc, not		- Placement of other accessories like soap, waste bins, etc.	HGSS 2021 Sec 4.9.6, Fig. 4.25; ISO 21542 Sec 22.2, 27;			Wheelchair Users, Elderly



SANITARY PROVISIONS

	hampering the use of the grab bar?		should not obstruct grab bar access	UNCRPD Article 9			
156	Is an emergency alarm cum call switch provided within easy reach on the wall near the water closet at two levels: at 300mm and 900mm from the floor level to allow the user to call for help in case of an emergency?		- Emergency alarm call switch should be reachable at two levels: 300 mm and 900 mm above floor, positioned adjacent to WC	HGSS 2021 Sec 4.9.6, Fig. 4.25; ISO 21542 Sec 22.2, 27; UNCRPD Article 9			Wheelchair Users, Elderly
157	Does the washbasin provide a minimum clear floor space of 900 mm wide by 1200 mm deep, of which a maximum of 480 mm in depth may be under the washbasin?		Provide 900 mm wide x 1200 mm deep clear floor space; up to 480 mm of which may be under the basin	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3; Universal Design Principle 2			Wheelchair Users, Limited Dexterity, Short Stature
158	Is it mounted such that the minimum distance between the centreline of the fixture and the sidewall is 460 mm; and the top edge of the wash basin is between 750 mm and 850 mm from the floor?		Mount with centerline at least 460 mm from the sidewall and rim height between 750–850 mm	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3; Universal Design Principle 2			Wheelchair Users, Limited Dexterity, Short Stature
159	Is the space under the washbasin unobstructed with a knee clearance centred on the washbasin between 680 mm and 700 mm high, and 200 mm deep. In addition, does it provide a toe clearance of at least 230 mm high?		Ensure knee clearance of 680–700 mm high x 200 mm deep, and toe clearance \geq 230 mm high	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3; Universal Design Principle 2			Wheelchair Users, Limited Dexterity, Short Stature
160	Is the front edge of the washbasin located within 350 mm to 600 mm from the wall?		Basin front edge should be 350–600 mm from the rear wall	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3; Universal Design Principle 2			Wheelchair Users, Limited Dexterity, Short Stature
161	Are lever type or automatic/sensor type faucets provided?		Faucets should be lever-type or sensor-based for ease of use	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3; Universal			Wheelchair Users, Limited Dexterity, Short Stature



SANITARY PROVISIONS

				Design Principle 2			
162	In front of the washbasin, is there space for a frontal or oblique approach by a wheelchair. Is the reaching distance to the tap control maximum of 300 mm?		Reach to faucet controls should not exceed 300 mm, with frontal or oblique wheelchair approach	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3; Universal Design Principle 2			Wheelchair Users, Limited Dexterity, Short Stature
163	Is the mirror installed with the bottom edge \leq 1000 mm and tilted at 30° for visibility from seated position? Is a mirror installed in a way to have the bottom edge at a height of not more than 1000 mm from the floor and is the mirror tilted at an angle of 30° for better visibility of wheelchair user?		Mirror should be mounted with its bottom edge no higher than 1000 mm and tilted at 30° to ensure visibility for wheelchair users.	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3			Wheelchair Users
164	Are towel dispensers, soap dispensers, hand dryers, and waste bins mounted at 800–1000 mm height? Are towel and soap dispensers, hand dryer and waste bin positioned such that the operable parts and controls are between 800 mm and 1000 mm from the floor?		All hygiene accessories should be within accessible vertical reach, mounted between 800 mm and 1000 mm from the floor.	HGSS 2021 Table 4.1; ISO 21542 Sec 22.3			Wheelchair Users, Short Stature
165	Are accessories placed near the basin to avoid persons with wet hands having to wheel across the space?		To prevent wet hands from contacting wheels or controls, soap and towel dispensers should be directly adjacent to the basin.	HGSS 2021 Sec 4.9.9, Universal Design Principle 6			Wheelchair Users
166	Are cloth hooks set at different heights, 900 mm to 1100 mm, and additionally at least one hook at 1400 mm?		Hooks should be provided at multiple heights to accommodate users with	HGSS 2021 Table 4.1; ISO 21542 Sec 22.3			All Users, Short Stature



SANITARY PROVISIONS

			different reach ranges.				
167	<p>Are toilet paper dispensers mounted 600–700 mm high under the grab bar or on corner wall?</p> <p>Are dispensers for toilet paper reachable from the water-closet, either under the grab bar or on the side- wall of a corner toilet at a height between 600 mm and 700 mm from the floor?</p>		Dispenser must be reachable from the seated position and located under or beside the grab bar.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 22.2			Wheelchair Users
168	<p>Are sanitary bins reachable from the WC and equipped with non-touch opening?</p> <p>If a sanitary bin is supplied, is it reachable from the water-closet? Are sanitary bins with non-touch opening devices provided?.</p>		Sanitary bins should be placed within easy reach of seated users and feature sensor or foot-operated lids.	HGSS 2021 Sec 4.9.9; ISO 21542 Sec 22.2			Women, Wheelchair Users
169	<p>Are soap dispensers non-touch (sensor-based)?</p> <p>Are non-touch soap dispensers provided?</p>		Sensor-based soap dispensers are preferred to eliminate the need for physical contact.	HGSS 2021 Sec 4.9.9; ISO 21542 Sec 22.3			All Users
170	<p>Are faucets and other controls hand-operated or electronically controlled (sensor based).?</p>		All controls should support use by hand or be automated; hand-operated units must be easy to use.	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3			Limited Dexterity, Elderly
171	<p>Can hand-operated controls be operable by one hand?</p>		All controls should be operable using a single hand and without need for bilateral coordination.	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3			Limited Dexterity
172	<p>Do hand operated controls require no tight grasping, pinching, or twisting of the wrist?</p>		Designs should eliminate fine motor demands such as pinching, wrist twisting, or grip strength.	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 22.3			Limited Dexterity, Arthritis



SANITARY PROVISIONS

173	Do hand operated controls require a force less than 22 N to activate; and have handles of lever type (not self-closing) operable with a closed fist?		Controls should operate under 22 N force and be of lever type, non-self-closing, operable with closed fist.	HGSS 2021 Table 4.1; ISO 21542 Sec 22.3			All Users
174	Are controls colour-contrasted with the surrounding face plate panel and the faceplate should similarly contrast with the background wall on which it is mounted?		Controls and their panels must have clear color contrast with surroundings to assist users with low vision.	HGSS 2021 Sec 4.9.8; ISO 21542 Sec 33.1			Low Vision
175	Does at least one of the urinals in the male toilets on each floor have grab bars; installed on each side and in the front of the urinal?		Urinals must include side and front grab bars for standing support and chest stability for persons with balance or mobility issues.				Mobility Impairment, Elderly, Persons with ambulant disabilities, and others with functional limitations.
176	Does the front bar provide chest support; and the sidebars are for the user to hold on to while standing?		The front bar should be designed for body support while the side bars provide grip for steady posture.	HGSS 2021 Sec 4.9.2; ISO 21542 Sec 22.2			Balance Impairment, Mobility Impairment
177	Are the urinals stall-type or wall-hung, with an elongated rim at a maximum of 430 mm above the finish floor?		Accessible urinals must be mounted with rims no higher than 430 mm to support use by wheelchair users and short-statured persons.	HGSS 2021 Sec 4.9.2; ISO 21542 Sec 22.2			Wheelchair Users, Short Stature
178	Is a clear floor space 760 mm by 1200 mm provided in front of urinals to allow forward approach?		This space allows for frontal wheelchair access, essential for independent use of urinals.	HGSS 2021 Sec 4.9.2; ISO 21542 Sec 22.2			Wheelchair Users
179	Are urinal shields or screens (that do not extend beyond the front edge of the urinal rim) provided with 735 mm clearance between them?		Privacy screens must be adequately spaced to allow maneuvering and not interfere with access.	HGSS 2021 Sec 4.9.2; ISO 21542 Sec 22.2			Wheelchair Users, General Public
180	Are flush controls located not more		Flush mechanisms must be within	HGSS 2021 Sec 4.9.2; ISO 21542 Sec 22.2			All Users



SANITARY PROVISIONS

	than 1200 mm from the floor?		universal reach height, with preference for lever or sensor type.				
181	Do emergency alarms and warning systems adhere strictly to guidelines for them to be accessible to everyone?		Alarm systems must provide both visual (flashing light) and auditory alerts for diverse user groups.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1			Hearing Impairment, Visual Impairment, Cognitive Impairment
182	Are emergency alarm systems accessible and designed with visual and audio components? Are emergency alarms integrated with visual and audio features?		Alarm systems must provide both visual (flashing light) and auditory alerts for diverse user groups.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1			Hearing Impairment, Visual Impairment, Cognitive Impairment
183	Do alarm systems offer visual and auditory feedback confirming activation and acknowledgement? Are emergency alarm systems well-coordinated with emergency support services and provide immediate rescue and support mechanisms to persons in need?		Emergency call systems should clearly indicate successful triggering, and that help is on the way. Visual and audible feedback should be provided to indicate that, when the alarm has been operated, the emergency assistance call has been acknowledged and action has been taken.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1			All Users
184	Are assistance alarms reachable from WC, changing/shower seats, and floor position? Is an assistance alarm, which can be reached from changing or shower seats, from the WC and by a person lying on the floor, provided in all accessible toilets and accessible sanitary rooms and connected to an emergency		Alarms should be operable by users in seated or fallen positions, with reach ensured from various points in the room.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1			Wheelchair Users, Elderly, Emergency Situations



SANITARY PROVISIONS

	help point, or where a member of staff can assist?						
185	<p>Are alarm cords colored red with two tactile bangles (50 mm dia), set between 800–1100 mm and 100 mm height?</p> <p>Is the alarm in the form of a pull cord, coloured red, with two red bangles of 50 mm diameter, one set at a height between 800 mm and 1100 mm and the other set at 100 mm above floor level?</p>		Dual tactile rings on red cords ensure visibility and touch-based usability for blind or low vision users.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1			Blind Users, Wheelchair Users
186	<p>Is a reset control provided in case of false activation, operable and within 800–1100 mm height?</p> <p>Has a reset control been provided for use if the alarm is activated by mistake?</p>		Reset buttons must be easy to use, clearly marked, and placed within reach range for seated users.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1			All Users
187	Is the alarm reachable from a wheelchair and, where relevant, from the WC, the tip- up seat in a shower or changing facility?		Alarms should be operable by users in seated or fallen positions, with reach ensured from various points in the room.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1			Wheelchair Users, Elderly, Emergency Situations
188	Is the reset control easy to operate and located with its bottom edge between 800 mm and 1 100 mm above floor level?		Reset buttons must be easy to use, clearly marked, and placed within reach range for seated users.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1			All Users
189	<p>In corner WC rooms, is the reset button placed above the fixed horizontal grab bar beside the toilet paper holder?</p> <p>Is in the corner toilet room, the reset button above the fixed</p>		Placement should not obstruct grab bar use or be difficult to reach in an emergency.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1			Wheelchair Users



SANITARY PROVISIONS

	horizontal grab rail beside the toilet paper holder?					
190	Is the marking of the reset control shall be both visible and tactile?		Tactile and visual contrast ensures usability by persons with low vision or blindness.	HGSS 2021 Sec 4.9.6; ISO 21542 Sec 33.1		Blind Users, Low Vision
191	Do shower cubicles have minimum internal dimensions of 2000 mm x 2200 mm?		Shower cubicles must be large enough to accommodate a wheelchair user and support staff, ensuring independent or assisted bathing.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		Wheelchair Users, Elderly
192	Is the toilet cum shower room minimum interior dimensions 2400mm x 2500mm?		Toilet-cum-shower rooms should be large enough for 180° turns and independent transfers across sanitary fixtures.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		Wheelchair Users, Caregivers
193	Is the minimum clear floor space in front of the shower entrance 1350mm x 900 mm with the 1350 mm dimension parallel to the shower entrance?		Clear approach space ensures full frontal access and turning into shower space.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		Wheelchair Users
194	Is the floor of the shower should be slip-resistant?		Non-slip floors are essential for wet environments to reduce risk of falls and ensure safe standing and transfers.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		All Users
195	Does the shower cubicle have one L-shaped bar or two grab bars in L-shaped configuration between 700 mm and 800 mm from the shower floor?		A fixed L-shaped grab bar (750 mm vertical and 900 mm horizontal) is required at accessible height for seated users.	HGSS 2021 Sec 4.9.5; ISO 21542 Sec 27		Wheelchair Users, Elderly
196	Does it have one grab bar at least 750 mm long installed vertically with another at least 900 mm long mounted horizontally?		Accessible showers must have one vertical grab bar (≥750 mm) and one horizontal grab bar (≥900 mm), installed between 700–800 mm from the shower floor	HGSS 2021 Sec 4.9.5; ISO 21542 Sec 27		Wheelchair Users, Elderly



SANITARY PROVISIONS

			for safe transfers and stability.			
197	<p>Are shelves for toiletries provided between 400 mm and 800 mm from floor?</p> <p>Is a shelf provided for toiletries between 400 mm to 800 mm?</p>		Shower shelves must be reachable by seated and standing users for placing bathing essentials.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		All Users
198	<p>Are all shower controls located 500 mm from the rear wall?</p> <p>Are all shower controls at 500 mm from the rear wall?</p>		Controls should be positioned laterally from the back wall to allow comfortable frontal and side reach.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		All Users
199	<p>Are shower controls mounted between 750 mm to 1000 mm from the floor?</p>		Controls should be mounted within the accessible vertical range for all users.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		Wheelchair Users, Short Stature
200	<p>Is an adjustable hand-held shower with 1500 mm hose provided between 800 mm and 1200 mm?</p> <p>Is the adjustable and detachable shower head (telephone shower/ hand-held shower), with a minimally 1500 mm long hose, installed between 800 mm and 1200 mm from the floor?</p>		Flexible telephone-type showers must support seated bathing and assisted care use.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		Wheelchair Users, Caregivers
201	<p>If mounted on a vertical bar, is it positioned to avoid obstructing grab bar use?</p> <p>Where the shower head is mounted on a vertical bar, is the bar installed so as not to obstruct the use of grab bars?</p>		Mountings must not interfere with use of grab bars to avoid hazards or blocked access.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		Wheelchair Users, Visual Impairment
202	<p>Is the roll-in shower curb no more than 10 mm high and bevelled at 1:2 slope?</p>		To facilitate smooth wheelchair entry, curbs must be ≤ 10 mm in height	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		Wheelchair Users



SANITARY PROVISIONS

	Curbs for the roll-in shower cubicle should not be more than 10 mm high, bevelled at a slope of 1:2.		and sloped at 1:2 gradient.				
203	Do enclosures around the shower not obstruct transfer from wheelchair to shower seat? Enclosures for the shower cubicle should not obstruct transfer from wheelchair onto shower seat.		Shower screens must not restrict side or frontal transfer onto wall-mounted or foldable shower seats.	Wheelchair Users			HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5
204	Is a foldable, wall-mounted shower seat installed with required clearances and support?		Seat should be mounted with: - Top surface height 450–480 mm from floor - Distance between centerline of WC and wall: 450–480 mm - Distance between front edge of WC and rear wall: 650 mm - Clear transfer space: 1350 mm x 900 mm adjacent to seat	HGSS 2021 Sec 4.9.4 & 4.9.5; ISO 21542 Sec 22.5			Wheelchair Users, Elderly
205	Is the shower seat positioned with proper clearances for transfer and support with the distance between the centreline of the water closet and the adjacent wall being 450 mm to 480 mm, and the distance between the front edge of the water closet and the rear wall is 650 mm? Is the top of the shower seat should be at a height of 450 - 480 mm from the floor.		The wall-mounted or foldable shower seat should be placed such that: - Centreline of the water closet to the adjacent wall: 450 mm to 480 mm - Front edge of the water closet to rear wall: 650 mm - Top of the shower seat: 450 mm to 480 mm from floor -	HGSS 2021 Sec 4.9.4 & 4.9.5; ISO 21542 Sec 22.5, 27			Wheelchair Users, Elderly
206	Is there adequate clear floor space of at least 1350 mm depth and 900 mm width, both in front and on the transfer		Clear floor space: 1350 mm depth x 900 mm width in front and on the transfer side	HGSS 2021 Sec 4.9.4 & 4.9.5; ISO 21542 Sec 22.5, 27			Wheelchair Users, Elderly



SANITARY PROVISIONS

	side, adjacent to the water closet?					
207	Is the shower seat self-draining, non-slip, rounded edge, and placed on control-side wall?		Shower seat must be safe, easily cleanable, and placed on the wall nearest to controls for independent use.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		Wheelchair Users
208	Is the shower seat on the wall nearest to the controls?		The shower seat should be fixed on the same wall as the shower controls to ensure easy and safe access for a seated user. This placement avoids overstretching, allows for assisted use, and minimizes movement on a wet floor	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		Wheelchair Users, Elderly, Persons with Limited Mobility
209	Is the seat dimension at least 400 mm wide and extends across the cubicle depth minus curtain gap? c. Have a minimum dimension of 400 mm wide extending the full depth of the cubicle, less a space required for the shower curtain.		Minimum width must be 400 mm and extend to back wall, allowing space for curtain if applicable.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5		Wheelchair Users
210	Is there adequate colour and tonal contrast between fixtures, flooring, and walls? There should be adequate colour and tonal contrast between the fixtures, walls, and the flooring. This is to enable easy recognition by persons with visual impairments.		High-contrast colours enable recognition and wayfinding by persons with visual impairments.	HGSS 2021 Sec 4.2; ISO 21542 Sec 33.1		Low Vision, Blind Users
211	Is a lactation room provided with all essential features for		A lactation room should be private, quiet,	HGSS 2021 Sections 4.2, 4.9.4; Universal Design		Mothers, Caregivers, Infants



SANITARY PROVISIONS

	mothers to breastfeed or express milk?		and include the following:	Principles 1, 2, 6 & 7			
212	Does it have comfortable seating, preferably armchairs or similar?		- Comfortable seating (e.g., armchairs)	HGSS 2021 Sections 4.2, 4.9.4; Universal Design Principles 1, 2, 6 & 7			Mothers, Caregivers, Infants
213	Are diaper changing stations available and waste containers for the disposal of used diapers provided?		Diaper changing stations and waste bins	HGSS 2021 Sections 4.2, 4.9.4; Universal Design Principles 1, 2, 6 & 7			Mothers, Caregivers, Infants
214	Are washbasins with liquid detergent and paper towels provided?		Wash basins with soap and towels	HGSS 2021 Sections 4.2, 4.9.4; Universal Design Principles 1, 2, 6 & 7			Mothers, Caregivers, Infants
215	Are dispensers for hot and cold water provided?		- Hot/cold water dispensers	HGSS 2021 Sections 4.2, 4.9.4; Universal Design Principles 1, 2, 6 & 7			Mothers, Caregivers, Infants
216	Are there vending machines for beverages and diapers?		Beverage/diaper vending machines	HGSS 2021 Sections 4.2, 4.9.4; Universal Design Principles 1, 2, 6 & 7			Mothers, Caregivers, Infants
217	Are there electrical outlets for breast pumps?		Electrical sockets for pumps	HGSS 2021 Sections 4.2, 4.9.4; Universal Design Principles 1, 2, 6 & 7			Mothers, Caregivers, Infants
218	Are there mirrors?		Mirrors for grooming/privacy	HGSS 2021 Sections 4.2, 4.9.4; Universal Design Principles 1, 2, 6 & 7			Mothers, Caregivers, Infants
219	Is at least one child-sized water closet (WC) provided in each male and female toilet?		A child-sized WC must be installed at 250 mm to 350 mm seat height to support independent use by young children. At least one child-sized water closet should be provided in each of the male and female toilets. The water closet seat should be at a	HGSS 2021 Sec 4.9.2; Universal Design for Families			Children



SANITARY PROVISIONS

			height of between 250 mm to 350 mm from the finished floor level.				
220	Is a seat adaptor with accessible hanger and step stool provided for existing buildings?		<p>Where child-sized WCs are not feasible, provide a small seat cover and stable stool placed within easy reach of children.</p> <p>A seat adaptor with a small seat cover suitable for use by young children may be provided for existing buildings under exceptional circumstances. The hanger holding the seat cover should be mounted at a level that is easily accessible to young children. A portable and stable stool should also be provided as a stepper for young children who may not be able reach the water closet.</p>	HGSS 2021 Sec 4.9.2; Universal Design for Families			Children, Parents
221	Are liquid bath dispensers and flexible water spray heads provided in child WC compartments?		<p>These features support parents in cleaning young children post-toileting.</p> <p>Bath liquid dispensers and a flexible hose with water spray head should be provided in the water closet compartment so that parents or guardians are able to clean their child.</p>	HGSS 2021 Sec 4.9.2; Universal Design for Families			Parents, Children
222	Is at least one urinal at 400 mm height provided for children in male toilets?		At least one urinal must be mounted low (400 mm from floor) to allow	HGSS 2021 Sec 4.9.2; Universal Design for Families			Children



SANITARY PROVISIONS

			<p>independent use by young children.</p> <p>At least one urinal mounted at a height of about 400 mm from the finished floor level should be provided in the male toilet for young children.</p>				
223	<p>Is a child-sized wash basin with sensor-operated taps installed at 550 mm height?</p>		<p>Child-accessible hand wash facilities must be mounted 550 mm from the floor with touchless controls to support hygiene.</p> <p>A child-sized wash basin should be provided to allow young children to wash their hands without assistance. The wash basin should be equipped with sensor-operated taps. The height of the wash basin should be at about 550 mm from the finished floor level.</p>	<p>HGSS 2021 Sec 4.9.2; ISO 21542 Sec 22.3</p>			<p>Children</p>
224	<p>Is a child protection seat provided in at least one WC cubicle in male and female toilets?</p> <p>A child protection seat should be provided in one of the water closet compartments for both male and female toilets. This will allow parents to seat their baby safely in the washroom with them.</p>		<p>Seats must have safety straps and allow parents to secure children while using the washroom.</p>	<p>HGSS 2021 Sec 4.9.2; Universal Design for Families</p>			<p>Parents, Children</p>



SANITARY PROVISIONS

225	Is the child protection seat equipped with straps that can be extended over shoulders and between legs to ensure the safety of the baby?		Safety straps must secure the child by extending over both shoulders and between the legs, minimizing risk of slipping or falling.	HGSS 2021 Sec 4.9.2;			Infants, Toddlers
226	Is the child protection seat mounted on a solid wall for stability?		The seat must be affixed to a structurally stable wall to ensure reliable support under child's weight and movement.	HGSS 2021 Sec 4.9.2			Infants, Toddlers
227	Can the child protection seat accommodate a child weighing up to about 20 kg?		The seat must be structurally capable of holding children up to approximately 20 kg, in line with safety norms for public washroom fixtures.	HGSS 2021 Sec 4.9.2			Infants, Toddlers
228	Is the child protection seat installed on solid wall with bottom \geq 400 mm height and capacity up to 20 kg?		Secure mounting and proper height allow safe use and maneuverability around seated child. Be mounted with its bottom at least 400 mm above the finished floor for easy reach and with adequate space for parents to manoeuvre around the seated child	HGSS 2021 Sec 4.9.2			Parents, Children
229	Is a diaper changing station provided in all family washrooms and male/female toilet clusters?		A diaper changing station should be provided within every family washroom for use by either parent and in every cluster of toilets for both male and female toilets.	HGSS 2021 Sec 4.9.4; Universal Design for Families			Parents, Caregivers
230	Is the diaper changing station stable and equipped with safety straps and		Changing tables must be stable, safe, and hygienic,	HGSS 2021 Sec 4.9.4; Universal Design for Families			Parents, Caregivers



SANITARY PROVISIONS

	barriers lengthwise to ensure the safety of the infants?		usable by any parent.				
231	Does the diaper station withstand 130 kg, have straps, concave surface, and is mounted 700–850 mm from floor? b.		Must meet safety, stability, and hygiene requirements and include usage instructions and accessory dispensers. Have a concave changing surface to ensure comfort and protection of the child and withstand a static weight of about 130 kg.	HGSS 2021 Sec 4.9.4			Parents, Caregivers
232	Is the diaper changing station mounted with the highest edge/lip between 700 mm and 850 mm above the floor when open?		The top edge (lip) of the pull-down diaper deck, when in use, must be positioned at a height between 700 mm and 850 mm from the finished floor level to ensure ergonomic and safe access.	HGSS 2021 Sec 4.9.4;			Parents, Caregivers
233	Are clear instructions provided to facilitate safe use of diaper station?.		Instructions must be visibly displayed on or near the station, using text and icons to guide users on safe handling and weight limits.	HGSS 2021 Sec 4.9.4; ISO 21542 Sec 22.5			Parents, Caregivers
234	Are dispensers for bed linens and wet wipes provided for hygiene purposes?		Each diaper station must be equipped with nearby dispensers for disposable bed sheets and wet wipes to ensure hygienic use for every child.	HGSS 2021 Sec 4.9.4;			Parents, Infants
235	Do all unisex accessible toilets have signage with International Symbol of Access (ISA)?		All unisex accessible toilets must display clear ISA signs to ensure visibility and recognition.	HGSS 2021 Sec 4.2; ISO 21542 Sec 33.1			All Users
236	Are individual accessible cubicles in male/female		Even within gendered facilities, accessible cubicles must	HGSS 2021 Sec 4.2; ISO 21542 Sec 33.1			All Users



SANITARY PROVISIONS

	toilets marked with ISA signage?		carry the ISA symbol distinctly.				
237	Are gender inclusive/unisex toilets clearly marked with visible and tactile signage?		Signage must support users with visual and cognitive disabilities and be distinguishable from regular toilets.	HGSS 2021 Sec 4.2; ISO 21542 Sec 33.1			All Users
238	Are all toilet signs supplemented by tactile features and Braille?		Signboards must be readable by touch and include Braille to support blind and low-vision users.	HGSS 2021 Sec 4.2; ISO 21542 Sec 33.1			Blind Users, Low Vision
239	Is an audio cue (beeper/clapper) installed above the door for toilet identification?		Auditory identification enhances navigation for blind users and persons with situational visual impairments.	HGSS 2021 Sec 4.2; ISO 21542 Sec 33.1			Blind Users
240	Is a tactile toilet layout map placed on the wall near the latch side at 900–1200 mm height?		<p>Tactile floor plans aid users with blindness or low vision in understanding interior fixture locations.</p> <p>Many persons with visual impairments find it convenient to use the toilets where internal dimensions, accessories and fixtures placement are standardized. A tactile layout of the toilet should be provided on the wall, near the latch side between 900mm to 1200mm height range.</p>	HGSS 2021 Sec 4.2; ISO 21542 Sec 33.1			Blind Users