FAB

From: HI
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To: FAB

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18 September 2002

MEMORANDUM

To: Members of the Staff

From: Andrew Loh

COPEH DRAFT AMENDMENTS

Attached herewith is the COPEH draft amendments for your information.



COPEH Draft Amend.pdf

Regards
on behalf of Andrew Loh

S/No	Clause in current COPEH	Current Clause	Status	Proposed Clause	Remarks
6	Appendix 3 (g)	The main drain-lines shall be at least 225 mm in diameter with a minimum gradient of 1 : 150 but not exceeding 1 : 40. The main drain-line connected to the last inspection chamber shall a gully trap.	AMENDED	The main drain-lines shall be at least 200 mm in diameter with a minimum gradient of 1 : 150 but not exceeding 1 : 40. The main drain-line connected to the last inspection chamber shall a gully trap.	To align with SD(PUB)'s requirement for the connection from the last IC to the sewer manhole, the main drain-lines shall be 200mm in diameter.
		SWIMMING POOL			
7	6.2(a)	A water-circulation system consisting of pumps, piping, perimeter oveflow system, return inlets, filters and other necessary equipment shall be provided for complete circulation of the water through all parts of the pool. The water-circulation pumps and motors shall be of adequate sizes to turn over the entire pool water capacity at least once every 6 hours for the main pool and not more than 2 hours for wading pool.	AMENDED	A water - circulation system consisting of pumps, piping, perimeter oveflow system, return inlets, filters and other necessary equipment shall be provided for complete circulation of the water through all parts of the pool. The water-circulation pumps and motors shall be of adequate sizes to turn over the entire pool water capacity at least once every 6 hours for the main pool and not more than 2 hours for wading pool. **The wading pool overflow shall not overflow into a the main pool.**	Wading Pool water is usually and easily contaminated due to it small water quantity and high loading. To prevent the spread of the contamination from the wading pool into the main pool.
		PUBLIC TOILET			
8	2.3(g)	(a) Accessories : Soap Dispenser	AMENDED	**Liquid** Soap Dispenser	Critical requirement under TUP
9	2.3(i)	Urinals shall be individual wall-hung units, more than 300 mm wide and project from the wall by at least 300 mm. Each urinal shall be fitted with a flush valve and an automatic flushing device. The flush valve shall be adjusted to give a flush of not less than 1.5 litres and not more than 2.5 litres, The provision of modesty barriers between urinals is encouraged but not compulsory.	AMENDED	Urinals shall be individual wall-hung units, more than 300 mm wide and project from the wall by at least 300 mm. Each urinal shall be fitted with a flush valve and an automatic flushing device. The flush valve shall be adjusted to give a flush of not less than 1.5 litres and not more than 2.5 litres, The provision of modesty barriers between urinals is **compulsory.**	To improve the standards of public toilet
10	2.3(j)	Each water closet shall be fitted with a flush valve and an automatic flushing device. The flush valve shall be adjusted to give a flush of not more than 6 litres of water.	AMENDED	Each water closet shall be fitted with a flush valve and an automatic flushing device. The flush valve shall be adjusted to give a flush of not more than 4.5 litres of water. **The water closet shall also be provided with manual by-pass push button system**	To allow a backup system in place due to breakdown in auto sensor. **Reduction in water discharge also inline with water conservation policy with PUB Water Department,**
11	2.3(k)	Wash hand basin shall be preferably be under counter. All taps shall be fitted with PUB-approved aerators to soften the water flow to minimise splashing.	AMENDED	Wash hand basin **shall be under counter. All taps** shall be fitted with PUB-approved aerators to soften the water flow to minimise splashing. **The wash hand basins with vanity top shall be located outside the male and female toilet block.**	Critical requirement under TUP
12	Appendix 2	Item 4 : Park / Tourist Site/ Public Resort / Pier	AMENDED	**2 nos of shower rooms each for the female and male public toilet block when the Park is abutting a beach to be provided.**	The main purposes of such toilet block is to serve the beach goers and the park user. This ensure that there is adequate showering facility for beach user.

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13	Appendix 2	Item 8 : Construction Sites	DELETE		Insert in a new category for toilet in construction sites & off-site workers dormitory
14	NIL	NIL	NEW	**Provision of toilet facilities for construction sites,** The requirement is 1 WHB, 1 shower room, 1 WC and 1 UR for every 25 workers.	
15	NIL	NIL	NEW	**Provision of toilet facilities for off site worker dormitory.** The requirement is 1 WC, 1 UR, 1 Shower Room, 1 WHB for every 20 workers.	
16	NIL	NIL	NEW	**Provision of Toilet Facilities in MRT Stations. Refer to Table A in the attachment.**	Provision already covered in a Policy. To be included for new MRT stations
17	NIL	NIL	NEW	**Provision of toilet facilities for community centre / clubs. Refer to Table B in the attachment.**	Toilet facilities in Community Centre / Clubs are classified as "Public Toilet"
18	NIL	NIL	NEW	**Wash hand basins for public toilet block shall be sited outside the toilet block**	To provide for a drier toilet. Removal of elements which contribute to wetness in public toilet
19	NIL	NIL	NEW	**When two or more wash hand basins are provided, one shall be installed at child height (not more than 600 mm from finished floor level)**	Part of MCDS design guidelines for Family Friendly Facilities
20	NIL	NIL	NEW	**Provision of a diaper changing table (Flat, fold up or roll-off types) . It must be stable and with barriers at side and length wise to ensure safety of infants / platform of size min 1000mm X 500mm at 900mm above finished floor level**	Part of MCDS design guidelines for Family Friendly Facilities
21	NIL	NIL	NEW	**A min clearance of 300 mm shall be provided from the edge of the door (in fully open position) to the rim of door seat of pedestal WC**	To ensure sufficient space within the WC cubicle for user to turn.
22	NIL	Nil	NEW	**If two or more wall hung urinal are provided, one shall be provided at children height**	Part of MCDS design guidelines for Family Friendly Facilities
23	NIL	NIL	NEW	**Where 2 or more urinal are provided, at least one should be installed at children height**	To ensure / prevent urinal on floor by children or unable to urinate into the adult level wall hung urinal.
24	NIL	NIL	NEW	**Waterless urinal of suitable size (as stated in Section in 2.3(l)) can also be used for public toilet**	New type of urinal (waterless system approved by SD and EHD).

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25	NIL	NIL	NEW	Provision of a water tap point with coupled with spring nozzle in one WC cubicle in the female and male in a public toilet and also all handicap toilet block.	Already implemented via circular dated 16 May 2001send to all Professional Bodies and SSS from LTA dated 29 Nov 2001(SSS No. 200148989) requested this provision also for handicap toilet..
26	2.3(g)	NIL	NEW	Each WC and urinal shall be equipped with self-dispensing saniziter	Critical requirement under TUP
27	2.3(g)	NIL	NEW	Each toilet block shall be installed with timer operated self dispensing deodoriser..	Critical requirement under TUP
		SUPERMARKET			
28	NIL	NIL	NEW	(a) Wall of Preparation area shall be lined with glazed wall tiles to not less than 1.5 m (b) Pave floor of preparation area with non slip HD quarry / ceramic tiles (c) Provide adequate commercial sink with drying bench (d) Provide separate refrigerators with temperature gauges (e) Refuse Bins storage Area is required	These are the requirement which must be made know during building plan stage. The remaining requirements are pertain to licensing such as vaccination, showcase, handling utensil etc. Function of regulating supermarkets will be taken over by EHD from FCD.
29	NIL	NIL	NEW	All kitchen appliances and equipment such as oven etc and piping shall keep 15 cm above the finished floor level.	To facilitate easier cleansing of the kitchen floor.
		KINDERGARDEN / CHILD CARE			
30	NIL	NIL	NEW	Provision of a sick bay solely for the isolation of unwell kids / children. And this isolation bay shall be air-conditioned .No other use is permitted for this isolation bay.	Safeguard the health of children and control the spread of HFMD in childcare / kindergarden.
31	NIL	NIL	NEW	Lever operated wash hand basin is required for all wash hand basins in child care centre / kindergarden	Permit child to operate the tap easily. (after discussion with PUB Water Department on water conservation device)
32	NIL	NIL	NEW	Provision of hand dryer at the child toilet facilities. (min 1 no) and liquid soap dispenser at each wash hand basins and disposal towels including those kitchen and toilets. Toilet paper holders with toilet paper shall be provided in each WC cubicle.	Prevent the cross contamination from particle / pathogen after handling other objects beside foods, sharing of toilet roll etc so that the children can be properly toilet-trained. No of washing facility already covered under the licensing by MCDS for childcare and kindergarden..
		SMOKING ROOMS			

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33	NIL	NIL	NEW	**No smoking room shall be set-up / allowed in any air-conditioned buildings except Changi International Airport or otherwise subject to the approval by the Commissioner of Public Health**	To prevent the proliferation of smoking room / segmented room solely for smoking in air conditioned premises/ building