

Flushing Volume for Flushing Cisterns

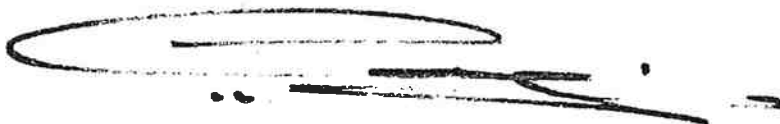
Current Requirements

Regulation 19 of the Building (Standards of Sanitary Fitments, Plumbing, Drainage Works and Latrines) Regulations (Drainage Regulations) requires flushing cisterns of watercloset fitments to have a discharge between 9 and 14 litres. Under the current Waterworks Regulations, flushing cisterns shall be of the valveless syphonic type and the flushing volume shall be within the range of 7.5 and 15 litres.

Relaxation

2. With the application of modern technology in the design of water closet flushing system, the effectiveness of flushing can be maintained with a reduced discharge. Therefore, to conserve our valuable water resources, both the Building Authority (BA) and Water Authority would have no objection to relaxing the use of syphonic flushing cisterns with discharge less than that required by the current regulations provided that the associated toilet bowls are compatible with the cisterns and the syphonic action is sufficient for the wastes in the toilet bowls to be cleared effectively by a single flush.

3. On your confirmation that the effectiveness of the flushing would not be affected, the BA is prepared to modify regulation 19 of the Drainage Regulations on minimum discharge for individual water closet flushing system.



(C M LEUNG)
Building Authority

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