

Sewerage and Drainage (Sanitary Works) Regulations 1999

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No. S 167

SEWERAGE AND DRAINAGE ACT 1999 (ACT 10 OF 1999)

SEWERAGE AND DRAINAGE (SANITARY WORKS) REGULATIONS 1999

In exercise of the powers conferred by sections 73 and 75 of the Sewerage and Drainage Act 1999, the Minister for the Environment hereby makes the following Regulations:

PART I

PRELIMINARY

Citation and commencement

1. These Regulations may be cited as the Sewerage and Drainage (Sanitary Works) Regulations 1999 and shall come into operation on 1st April 1999.

Definitions

2. In these Regulations, unless the context otherwise requires —

“Code of Practice” means the Code of Practice on Sanitary Plumbing and Drainage System issued under section 33 of the Act;

“discharge pipe” means a pipe which conveys the discharges from a sanitary

- appliance or a floor trap;
- “discharge stack” means a main vertical discharge pipe;
- “sanitary drainage system” means a network of underground pipes comprising drain-lines, branch drain-lines, fittings and inspection chambers for the conveyance of sewage within any premises to a sewerage system;
- “sanitary plumbing system” means a system of sanitary pipework above the ground comprising one or more discharge pipes, discharge stacks, ventilating pipes, ventilating stacks and fittings for the conveyance of sewage from premises to a sanitary drainage system;
- “sanitary works” include works on any sanitary plumbing system or sanitary drainage system and the fixing, alteration and repair of a sanitary appliance, and other works connected therewith;
- “ventilating pipe” means a pipe provided to limit the pressure fluctuations within any sanitary plumbing system;
- “ventilating stack” means a main vertical ventilating pipe.

PART II

SANITARY WORKS

Requirements for sanitary works

3. All sanitary works shall be carried out in accordance with the following requirements:

- (a) all rain water shall, where practicable, be separated from sewage, and all rain water from roofs and open spaces and any overflow of water from storage tanks shall be diverted to a surface storm water drain and away from any opening connected to a sewerage system;
- (b) any drainage system serving common corridors, void decks or multi-storey car parks (except designated wash areas) shall be connected to storm water drains;
- (c) all rain water from open areas in backyards, courtyards, airwells and other paved areas within premises shall be discharged to storm water drains;
- (d) where there is an enclosed court or backyard in the premises with no available surface outlet for rain water, a sufficient area of the surface of the

enclosed court or backyard shall be paved so as to be able to lead any rain water therefrom into the drain-line via a gully trap;

- (e) no rain water pipe leading down from the roof of a building shall be utilised as a ventilating stack or discharge stack;
- (f) all sullage water from a service station and motor workshop shall be discharged into a sewerage system via such oil and petrol interceptor as may be approved by the Director;
- (g) all areas used for washing purposes shall be roofed over and all sullage water from such roofed wash areas, refuse chutes or bin centres, and any other place in a building as required by the Director, shall be discharged into a sewerage system;
- (h) all sullage water from food shops, restaurants and eating establishments shall be discharged into the sewerage system via such grease trap as may be approved by the Director;
- (i) all car washing bays, lubrication bays and other similar areas in petrol stations, motor garages or motor workshops shall be roofed over and all sullage water from such places shall be discharged into a sewerage system via such oil and petrol interceptor as may be approved by the Director;
- (j) all pump islands at petrol stations shall be connected to surface storm water drains;
- (k) all backwash water from a swimming pool filter shall be discharged into a sewerage system; and
- (l) all open shower points for swimming pools shall be connected to storm water drains.

Permission to work in public sewerage system

4.—(1) Notwithstanding that a clearance certificate or the approval of the Director has been obtained under section 34 of the Act in respect of any sanitary works, no person shall enter the public sewerage system to carry out such works except with the prior permission of the Director.

(2) The Director may, in granting any permission under paragraph (1), impose such conditions as he thinks fit.

PART III

SANITARY APPLIANCES

Sanitary appliance to be provided with approved flushing cistern, flush valve, etc.

5.—(1) Every water closet pan, urinal, bidet or similar sanitary appliance fixed in any premises shall be provided with a flushing cistern, flush valve or other flushing device which shall be continuously supplied with water and be of a type and pattern approved by or on behalf of the Water Department of the Public Utilities Board.

(2) Every sanitary appliance together with the appurtenances connected thereto which is installed below ground level shall have the sewage therefrom delivered to a sanitary drainage system by means of such sewage ejector, pump or other appliance as may be approved by the Director.

Approval for sanitary appliances, etc.

6.—(1) No sanitary appliances, pipes or fittings shall be used in sanitary works unless —

- (a) the appliances, pipes or fittings are certified under any product certification scheme approved by the Director for the purposes of this regulation; or
- (b) the Director has given his approval for the appliances, pipes or fittings to be used in the sanitary works.

(2) Any person applying for the approval of the Director under paragraph (1)(b) shall —

- (a) submit an application in such form and manner as the Director may require;
- (b) deliver such number of samples of the appliances, pipes or fittings for which approval is sought as the Director may require to any testing laboratory designated by the Director for testing; and
- (c) pay the fees for any test conducted by the testing laboratory.

(3) Notwithstanding that any appliances, pipes or fittings have been certified in accordance with paragraph (1)(a), such appliances, pipes or fittings shall not be used in any sanitary works if their certification under the certification scheme has been cancelled.

(4) Notwithstanding that any appliances, pipes or fittings have been approved under paragraph (1)(b), such appliances, pipes or fittings shall not be used in any sanitary works if the Director has withdrawn his approval under paragraph (5).