graded so as to discharge over the trap of the urinal or to a waste-pipe leading through the wall to discharge over a gully-trap connected to a drain.

(*d.*) The walls of every room used as a urinal shall to a height of not less than 5 ft. be of concrete or brick rendered with Portland cement, tiles set in cement, or other approved impervious material.

Structure of urinals.

(*e.*) That part of the surface of the wall which is used as a urinal shall be constructed to a height of 4 ft. of glazed fireclay, salt glazed stoneware, enamelled cast iron, slates, marble, brickwork rendered with Portland cement, or other approved impervious material, and shall be fitted with an approved sparge-pipe of lead, copper, or brass.

Drainage of urinals.

(*f.*) In the part of the floor occupied by the urinal there shall be a channel of a size sufficient to receive all fluids discharged down the walls and on the floor of the urinal, and such channel shall lead to a self-cleansing trap set in the floor and connected to the drain by means of a waste-pipe of earthenware, lead, copper, or glazed cast iron and not less than 2 in. in diameter.

Ventilation of urinal wastes.

(*g.*) The waste-pipe and trap of every urinal inside a building shall be ventilated in the manner hereinbefore prescribed for the soilpipe of a water-closet, and where a water-closet is contiguous the waste-pipe of the urinal may be connected to the soilpipe of the water-closet in the manner prescribed for branch water-closets:

Provided that where the waste-pipe of the urinal is connected directly to a drain, and the distance from the trap of the urinal to the junction of any vent-pipe with such drain is less than 6 ft., such waste-pipe need not be ventilated or the trap provided with a back vent.

Flushing of urinals.

(*h.*) Every urinal shall be provided with an approved automatic flushing-cistern connected to the sparge-pipe by a flushing-pipe, and no sparge-pipe shall be directly connected to the water-service pipes. The flushing-cistern shall have a capacity of not less than 1 gallon for each urinal stall, and in no case shall be of less capacity than 2 gallons, and shall be placed at sufficient height to provide an effective flush of water. The flush-pipe for a 2-gallon cistern shall be 1 in. in diameter, and for a 3-gallon cistern and upwards shall be 1¼ in. in diameter.

(7.) In respect to sanitary appliances such as baths, lavatory-basins, and sinks the following conditions shall be carried out:—

Baths.

(*a.*) Baths shall be of approved non-absorbent material having a smooth surface, and if of zinc or sheet copper shall be of not less guage than No. 12 B.W.G., and if of galvanized sheet iron such sheet iron shall be of not less guage than 22 B.W.G. Baths of sheet metal shall be raised from the floor a distance of not less than 4 in. by means of feet securely fixed to the bath, and the bottom of the bath shall be adequately supported. All the internal angles of every bath shall be rounded.

Basins.

(*b.*) Lavatory-basins shall be of glazed pottery ware, enamelled cast iron or steel, or other approved non-absorbent material; they shall be made with all internal angles rounded, and shall be provided with an approved overflow so constructed as to be readily accessible.

Sinks.

(*c.*) Kitchen and housemaids' sinks shall be of glazed pottery ware, enamelled steel or cast iron, lead or copper, made with all internal angles rounded, and provided with an approved overflow so constructed as to be readily accessible.