

When lead pipe is used as a waste or vent pipe, such pipe shall not weigh less than the following specifications:

Diameter of pipe.	Weight per linear yd.
1 1/4 inches	7 lbs. 8 oz.
1 1/2 inches	9 lbs. 10 oz.
2 inches	12 lbs. 14 oz.
3 inches	18 lbs.
4 inches	24 lbs.

246. All brass pipe for soil, waste or vent pipes shall be thoroughly annealed, seamless, drawn or brazed tubing of suitable gauge, weight and thickness as may be determined by the plumbing inspectors.

247. All joints between lead pipes or between lead and brass pipes or traps, shall be wiped solder joints. In no case shall bolted or blitted joints be made. All joints on cast iron pipe shall be made with picked oakum and molten lead run full, thoroughly hand-caulked and made gas and water-tight. No slip joint or coupling shall be used for a connection on the sewer side of any trap. All joints on galvanized iron or brass pipe shall be screwed joints made up with red lead paste or other suitable substance and shall be made gas and watertight.

All connections of lead pipe with cast iron pipe shall be made with a brass ferrule of diameter not less than the lead pipe placed in the hub of the iron pipe, and properly leaded and caulked into said hub. The ferrule shall be connected with the lead pipe by a wiped joint. All ferrules shall be of cast brass at least four inches long and free from all sand holes or other defects. Soldering nipples shall be of heavy cast brass.

248. All fixtures other than water-closets or urinals shall have strong metallic strainers or bars over the outlets to prevent obstruction of the waste pipe.

249. All water-closets shall be fitted with syphon discharge flush or pressure tanks. They shall be fitted with an adequate water-supply so that they shall receive water flush in such times and with such force as shall thoroughly cleanse the closet bowl at each flush. All water-closets shall have flushing rim bowls. No closet or other convenience which permits the escape into the house of air or gas from any part of it, or from the drain or soil pipe connected with it, or which allows any accumulation or filth in or about it, shall be fitted up or used.

Pan, hopper and wash-out closets are prohibited, except that, in case of the latter, when installed prior to the date of these regulations and when in good order and properly taken care of, such water-closets may be permitted at the discretion of the plumbing inspector.

Trough or latrine water-closets shall be of the syphon pattern. They shall be fitted with an automatic flush, and shall be set up and maintained in a manner approved by the plumbing inspector.

250. All water-closet or urinal compartments shall be provided with light by a window in an external wall, of at least two square feet, and which can be opened to the outer air in all seasons. In cases where this is impossible, the compartment shall be provided with a borrowed light of at least two square feet in area, the window of which shall not be movable, or with an artificial light, and shall be ventilated by means of a vent duct constructed of metal piping of at least three inches diameter. In compartments containing three or more such fixtures, the size of the duct shall be determined by the plumbing inspector. Such duct shall, when possible, be in close contact with a heated flue, but not connected therewith. In all such cases the duct shall be carried through the roof according to regulation 242, and shall be furnished at the outer end with a cowl. No vent duct shall be connected to a main duct at any point below the

level of the duct from the highest compartment ventilated.

251. No water-closet or urinal shall be located in any sleeping apartment, nor in any kitchen or dining room. No water-closet or urinal shall be placed in any cellar or basement, unless such cellar or basement has a cement or other floor impervious to moisture, and is well lighted with natural or artificial light. Special means for ventilating such compartment shall be determined by the plumbing inspector.

252. Wooden baths, washtubs and sinks and metal lined wooden fixtures are prohibited. All fixtures must be constructed of non-absorbent materials.

253. All urinals shall be constructed of materials impervious to moisture and which will not corrode under the action of urine. The floor of urinal compartments shall be covered with similar non-absorbent and non-corrosive material. Elevated urinals, individual or latrine in in principle, shall not be installed after date of these regulations, except by special permission of the plumbing inspector, concerned. All urinals shall be constructed of vitreous china or porcelain. All urinals shall be fitted with proper means of flushing.

254. No rain water leader shall be used as a soil, waste or vent pipe, nor shall any soil, waste or vent pipe be used as a rain water leader. Every rain water leader inside any house shall be constructed of cast iron or wrought galvanized iron, with roof connection, made gas tight. Every rain water leader shall be trapped before being connected with house-drain if located within the house and also if outside house, if so required by plumbing inspector. All rain-water leader traps shall be readily accessible and shall be of the double hub principle.

255. No steam exhaust pipe, boiler, blow-off pipe or drip pipe shall discharge directly into a house-drain or soil pipe. Such pipe shall connect to a condensing or cooling tank of adequate dimensions. The discharge pipe from such tank shall connect with the house-drain and shall be provided with such traps as may be necessary to prevent the ingress of sewer gas or drain air. No sediment cock on a boiler shall be directly connected with a house-drain.

256. All tanks for storing water intended for drinking purposes shall be covered so as to exclude dust and vermin or other polluting material and shall be so located as to prevent the water contained therein from being contaminated by gas or odors from fixtures and be easily accessible for examination and cleaning purposes. Each such storage tank shall be provided with an overflow pipe which pipe shall not be connected in any way with the drainage or water-supply system of the house, but have an independent exit.

257. Drain pipes from fixtures in cellars and basements liable to back-water flow from a sewer shall be supplied with back-water valves. All surface drains in cellars and basements shall be provided with a deep seal trap. Gate or back-water valves shall not be placed on any house-drain or soil pipe in such a manner as to interfere with the ventilation of the plumbing and drainage system. All covers on backwater valves shall be screwed covers.

258. In tenement houses hereafter there shall be at least one water-closet for each family.

There shall not be less than one water-closet for every ten inmates in any house, nor less than one water-closet for every fifteen inmates in any factory or building where people work but do not constantly occupy as residents.

259. All floor connections for water-closets shall be made with heavy cast iron or brass floor flanges fastened to the floor with bolts. When lead bends are used they shall be properly soldered to the inside of the floor flange. The water-closet bowls shall be bolted to the floor flange with two one-quarter inch brass bolts, which shall be fitted with washers and nuts. The joint shall be made gas-tight by proper caulking of putty and white lead.

260. Maintenance of System. The plumbing and drainage system in all houses shall be maintained by the owner or agent or his representative in charge, at all times, in good working order and in conformity with these regulations. In the event of any defect being discovered in such system the same shall, on the order of the plumbing inspector, be at once repaired and made good.

261. Whenever upon complaint hereafter made by any sanitary inspector, tenant, occupier or other person, the sub-district board of health shall be of opinion that a source of sickness or a nuisance exists in any house, or is likely to exist therein, or is likely to result from a defective system of drainage or plumbing in such house situate within the sub-health district of said board, it shall be the duty of said board to cause the said house to be inspected by the plumbing inspector of said board, who shall forthwith, upon being required to do so by the board or any of its properly accredited officers authorized so to do, inspect the plumbing and drainage of said house and report the result of such inspection in writing to the board or said officer.

262. The said board or officer, shall immediately after such inspection and report, serve upon the owner or agent of said house an order in writing, specifying the nature of repairs necessary and directing that said repairs be made within a specified time; and it shall thereupon be the duty of said owner or agent or person in charge to comply with such order.

263. In accordance with regulation 218, it shall be the duty of all sub-district boards of health, and they are hereby specially empowered and instructed to direct that any privy, vault or cesspool which is now, or may, hereafter, be in use in connection with any house situated as described in regulation 218 and within the sub-health district of any said Board, be removed and replaced by proper and approved water-closets in accordance with these regulations, which direction the owner, agent or person in charge of such house shall obey, upon being served by an order from said board conveying such directions, within a reasonable time, which time shall be laid down by said board in said order and direction.

J. E. HETHERINGTON,
Provincial Secretary's Office,
F'ron, 9th March, 1923.

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