

reducing fittings shall be used between the two sizes. Brass or cast-iron body cleanouts shall not be used as a reducer or adapter from cast-iron drainage pipe to iron pipe size (IPS) pipe.

318.0 Food-Handling Establishments.

Food or drink shall not be stored, prepared, or displayed beneath soil or drain pipes, unless those areas are protected against leakage or condensation from such pipes reaching the food or drink as described below. Where building design requires that soil or drain pipes be located over such areas, the installation shall be made with the least possible number of joints and shall be installed so as to connect to the nearest adequately sized vertical stack with the provisions as follows:

318.1 All openings through floors over such areas shall be sealed watertight to the floor construction.

318.2 Floor and shower drains installed above such areas shall be equipped with integral seepage pans.

318.3 All other soil or drain pipes shall be of an approved material as listed in Table 14-1 and Section 701.0. All materials shall conform to established standards. Cleanouts shall be extended through the floor construction above.

→ **318.4** Piping subject to operation at temperatures that will form condensation on the exterior of the pipe shall be thermally insulated.

318.5 Where pipes are installed in ceilings above such areas, the ceiling shall be of the removable type, or shall be provided with access panels in order to form a ready access for inspection of piping.

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319.0 Test Gauges. Tests required by this code, which are performed utilizing dial gauges, shall be limited to gauges having the following pressure graduations or incrementations.

319.1 Required pressure tests of ten (10) psi (69 kPa) or less shall be performed with gauges of 1/10 pound (0.7 kPa) incrementation or less.

319.2 Required pressure tests exceeding ten (10) pounds (69 kPa) but less than one hundred (100) psi (689 kPa) shall be performed with gauges of one (1) psi (6.9 kPa) incrementation or less.

319.3 Required pressure tests exceeding one hundred (100) psi (689 kPa) shall be performed with gauges incremented for two (2) percent or less of the required test pressure.

319.4 Test gauges shall have a pressure range not greater than twice the test pressure applied.

320.0 [Not permitted for OSHPD 1, 2, 3 & 4] Medical Gas and Vacuum Systems. All such piping shall be installed, tested, and verified in compliance with the appropriate consensus standards referenced in Chapter 14 and the requirements of Chapter 13. The Authority Having Jurisdiction shall require evidence of the competency of the installers and verifiers.