

Indirect waste pipes less than 4.5m (15 ft.) in length shall be not less than the diameter of the drain outlet or tailpiece of the fixture, appliance, or equipment served, and in no case less than 15mm (1/2 in.) in size. Angles and changes of direction in such indirect waste pipes shall be provided with cleanouts so as to permit flushing and cleaning.

#### **804.0 Indirect Waste Receptors.**

**804.1** Plumbing fixtures or other receptors receiving the discharge of indirect waste pipes shall be approved for the use proposed and shall be of such shape and capacity as to prevent splashing or flooding and shall be located where they are readily accessible for inspection and cleaning. No standpipe receptor for any clothes washer shall extend more than 80cm (30 in.), nor less than 50cm (18 in.) above its trap. No trap for any clothes washer standpipe receptor shall be installed below the floor, but shall be roughed in not less than 15cm (6 in.) and not more than 50cm (18 in.) above the floor. No indirect waste receptor shall be installed in any toilet room, closet, cupboard, or storeroom, nor in any other portion of a building not in general use by the occupants thereof; except standpipes for clothes washers shall be permitted to be installed in toilet and bathroom areas when the clothes washer is installed in the same room.

**804.2** Where water service connections are installed for a clothes washer, an approved method of waste disposal shall be provided.

#### **805.0 Pressure Drainage Connections.**

Indirect waste connections shall be provided for drains, overflows, or relief vents from the water supply system, and no piping or equipment carrying wastes or producing wastes or other discharges under pressure shall be directly connected to any part of the drainage system.

The foregoing shall not apply to any approved sump pump or to any approved pressure-wasting plumbing fixture or device when the Authority Having Jurisdiction has been satisfied that the drainage system is adequately sized to accommodate the anticipated discharge thereof.

#### **806.0 Sterile Equipment.**

Appliances, devices, or apparatus such as stills, sterilizers, and similar equipment requiring water and waste and used for sterile materials shall be drained through an airgap.

#### **807.0 Appliances.**

**807.1** Appliances, devices, equipment, or other apparatus not regularly classed as plumbing fixtures,

### **UNIFORM PLUMBING CODE OF ABU DHABI: AN ENVIRONMENTAL GUIDE FOR WATER SUPPLY AND SANITATION**

which are equipped with pumps, drips, or drainage outlets, shall be permitted to be drained by indirect waste pipes discharging into an approved type of open receptor.

**807.2** When the condensate waste from air-conditioning coils discharges by direct connection to a lavatory tailpiece or to an approved accessible inlet on a bathtub overflow, the connection shall be located in the area controlled by the same person controlling the air-conditioned space.

**807.3** When undiluted condensate waste from a fuel-burning condensing appliance is discharged into the drainage system, the material in the drainage system shall be of materials approved for this use.

#### **Exceptions:**

- (1) When the above condensate is discharged to an exposed fixture tailpiece and trap, such tailpiece and trap shall be permitted to be brass.
- (2) Any materials approved in Section 701.0 shall be permitted to be used when data is provided that the condensate waste is adequately diluted.

**807.4** No domestic dishwashing machine shall be directly connected to a drainage system or food waste disposer without the use of an approved dishwasher airgap fitting on the discharge side of the dishwashing machine. Listed airgaps shall be installed with the Flood-Level (FL) marking at or above the flood level of the sink or drainboard, whichever is higher.

#### **808.0 Cooling Water.**

When permitted by the Authority Having Jurisdiction, clean running water used exclusively as a cooling medium in an appliance, device, or apparatus shall be permitted to discharge into the drainage system through the inlet side of a fixture trap in the event that a suitable fixture is not available to receive such discharge. Such trap connection shall be by means of a pipe connected to the inlet side of an approved fixture trap, the upper end terminating in a funnel-shaped receptacle set adjacent, and not less than 15cm (6 in.) above the overflow rim of the fixture.

#### **809.0 Drinking Fountains.**

Drinking fountains shall be permitted to be installed with indirect wastes.

#### **810.0 Steam and Hot Water Drainage Condensers and Sumps.**

**810.1** No steam pipe shall be directly connected to any part of a plumbing or drainage system, nor shall