Carbonated Liquid Waste

Background

Carbonated liquid waste from beer or soda dispensers have proven through repeated drain line failures to be a corrosive waste requiring special material and design dilution as per CPC 2013 section 811.0.

Policy

Indirect waste receptors receiving liquid waste from carbonated beverage dispensers or sinks shall be plumbed as a special waste and shall follow this policy.

Material

Special waste piping and fittings shall be listed and approved by the administrative authority before installation.

- PVC – DWV
  - Installation regulated by CPC 2013 IAPMO IS 9-06

- Corrosive resistive chemical waste
  - Installation regulated by CPC 2013 section 811.2

- Other as approved
  - Installation regulated as required

Appurtenances

The following design requirements shall apply to all drain lines receiving carbonated liquid waste.

1. The intersection with the building drain shall be downstream of a water closet.
2. Acid resistant material shall be 18” on both sides of the connection to the building drain.
3. All connecting fittings shall be of special waste material.
4. All vent fittings shall be of a drainage pattern.
5. Vents shall remain PVC piping until 6” above the flood level of the fixture.
6. Other drains may intersect special waste.