

**Valve, Service** – A valve serving horizontal piping extending from a riser to a station outlet or inlet.

**Valve, Source** – A single valve at the source that controls a number of units that make up the source.

**Valve, Zone** – A valve that controls the gas or vacuum to a particular area.

**Vapor Compression (VC)** – A form of distillation. A portion of feedwater is evaporated, and the vapor is sent to a compressor. Mechanical or thermal energy is used to compress the vapor, which increases its temperature. The vapor is then condensed to form product water and the released heat is used to evaporate the feedwater.

**Vent** – Any pipe provided to ventilate a plumbing system, to prevent trap siphonage and back-pressure, or to equalize the air pressure within the drainage system.

**Vent Pipe** – See Vent.

**Vent Stack** – The vertical vent pipe installed primarily for the purpose of providing circulation of air to and from any part of the drainage system.

**Vent System** – A pipe or pipes installed to provide a flow of air to or from a drainage system or to provide a circulation of air within such system to protect trap seals from siphonage and back-pressure.

**Vented Flow Control Device** – A device installed upstream from the hydromechanical grease interceptor having an orifice that controls the rate of flow through the interceptor, and an air intake (vent) downstream from the orifice, which allows air to be drawn into the flow stream.

**Vertical Pipe** – Any pipe or fitting that is installed in a vertical position or that makes an angle of not more than 0.8 of a radian (45 degrees) with the vertical.

## 225.0 – W –

**Wall-Hung Water Closet** – A water closet installed in such a way that no part of the water closet touches the floor.

**Waste** – See Liquid Waste and Industrial Waste.

**Waste Anesthetic Gas Disposal** – The process of capturing and carrying away gases vented from the patient breathing circuit during the normal operation of gas anesthesia or analgesia equipment. [NFPA 99:3.3.184]

**Waste Pipe** – A pipe that conveys only liquid waste, free of fecal matter.

**Water-Conditioning or Treating Device** – A device that conditions or treats a water supply so as to change its chemical content or remove suspended solids by filtration.

**Water-Distributing Pipe** – In a building or premises, a pipe that conveys potable water from the building

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

supply pipe to the plumbing fixtures and other water outlets.

**Water Hammer Arrestor** – A device designed to provide protection against excessive surge pressure (hydraulic shock) in the building water supply system where water is abruptly stopped.

**Water Heater** – An appliance for supplying hot water for domestic or commercial purposes.

**Water Main (Street Main)** – A water supply pipe for public or community use.

**Water Supply Fixture Units** – A numerical factor on an arbitrarily chosen scale assigned to intermittently used fixtures in order to calculate their load producing effects on the water supply system.

**Water Supply System** – The building supply pipe, the water-distributing pipes, and the necessary connecting pipes, fittings, control valves, backflow prevention devices, and all appurtenances carrying or supplying potable water in or adjacent to the building or premises.

**Welded Joint or Seam** – Any joint or seam obtained by the joining of metal parts in the plastic molten state.

**Welder, Pipe** – A person who specializes in the welding of pipes and holds a valid certificate of competency from a recognized testing laboratory, based on the requirements of the ASME *Boiler and Pressure Vessels Code*, Section IX or equivalent International Standard(s) approved by the Authority Having Jurisdiction.

**Wet Vent** – A vent that also serves as a drain.

**Whirlpool Bathtub** – A bathtub fixture equipped and fitted with a circulating piping system designed to accept, circulate, and discharge bathtub water upon each use.

## 226.0 – X –

No definitions.

## 227.0 – Y –

**Yoke Vent** – A pipe connecting upward from a soil or waste stack to a vent stack for the purpose of preventing pressure changes in the stacks.

## 228.0 – Z –

No definitions.