

Specific items listed on permit applications in new Public Health permitting software - Dec 2025

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Item Description	Permit Type
Abandonment of System (plumbing only)	Plumbing
Autoclave	Plumbing
Backwater Valve	Plumbing
Bar Sink	Plumbing
Bathtub / Shower	Plumbing
Bidet	Plumbing
Booster Pump	Plumbing
Circulation Pump	Plumbing
Clinic Service Sink	Plumbing
Clothes Washer - Commercial	Plumbing
Clothes Washer Box - Residential	Plumbing
Demo Plumbing (partial system demo)	Plumbing
Dishwasher (Commercial Type)	Plumbing
Dishwasher (Residential Type)	Plumbing
Drain Water Heat Recovery Coil	Plumbing
Drinking Fountain / Bottle Filler	Plumbing
Dump Sink	Plumbing
Ejector, Elevator	Plumbing
Ejector, Sewage	Plumbing
Ejector, Storm	Plumbing
Emergency Eyewash	Plumbing
Emergency Shower	Plumbing
Exam Rm Sink (mobile or stationary)	Plumbing
Expansion Tank (incl hydropneumatic) <37.5 gallons	Plumbing
Floor Drain / Garage Drain	Plumbing
Floor Sink	Plumbing
Garbage Digestor/Composter (commercial, w/indirect drain)	Plumbing
Glass or Pitcher Rinser (commercial)	Plumbing
Glass Washer	Plumbing
Grease Interceptor, Gravity	Plumbing
Grease Interceptor, Hydromechanical	Plumbing
Hand Wash Sink (food service)	Plumbing
Hose Bibb / Wall Hydrant or Hose Reel w/Independent Supply	Plumbing
Hot Water Submeter (where required by Energy Code)	Plumbing

Ice Maker Bin (w/indirect drain)	Plumbing
Icemaker Supply Box (refrigerator)	Plumbing
Indirect Receptor / Hub Drain	Plumbing
Kitchen Sink (residential type)	Plumbing
Laboratory Sink	Plumbing
Laundry Sink	Plumbing
Lavatory (restroom, bathroom, etc.)	Plumbing
Living Wall - Planting (with or w/o indirect drain)	Plumbing
Mfg/Mobile/Modular Home (drain/water connection)	Plumbing
Mop Sink / Janitor's Sink	Plumbing
Oil-Water Interceptor	Plumbing
Other type of fixture (provide description)	Plumbing
Oven, Commercial (w/drain)	Plumbing
Pet Wash Tub/Shower	Plumbing
Planter Drain	Plumbing
Pot Filler	Plumbing
Prep Sink (food service)	Plumbing
Pressure Reducing Valve - Water	Plumbing
Primary or Secondary Roof Drain	Plumbing
Repiped Drain, Waste & Vent (incl rainwater) Repipe Projects Only	Plumbing
Repiped Water Supply System (cold or non-potable water) Repipe Projects Only	Plumbing
Repiped Water Supply System (hot water) Repipe Projects Only	Plumbing
Reverse Osmosis / Deionization Unit (commercial)	Plumbing
Roof Hydrant	Plumbing
RV/Food Truck Dump (into sanitary bldg drain)	Plumbing
Sand Interceptor	Plumbing
Scrap Sink (food service)	Plumbing
Soiled Dishtable (with or w/o disposal)	Plumbing
Stub-Outs for Future Fixture(s)	Plumbing
Temporary Plumbing (piping only)	Plumbing
Thermostatic Mixing Valve (ASSE 1017 only)	Plumbing
Toilet, Flushometer	Plumbing
Toilet, Gravity	Plumbing

Toilet, Macerator	Plumbing
Trash Compactor (commercial, w/indirect drain)	Plumbing
Type 1 Hood or PCU (w/water conn)	Plumbing
Urinal, Flushometer	Plumbing
Urinal, w/Drain Cleansing	Plumbing
Urinal, Waterless	Plumbing
Vacuum Drainage System (sanitary)	Plumbing
Wall Box (for indirect drainage)	Plumbing
Warewashing Sink (incl 3-Comp)	Plumbing
Water Heater, Electric - Storage Type	Plumbing
Water Heater, Electric - Tankless (point-of-use)	Plumbing
Water Heater, Electric - Tankless (central/manifold)	Plumbing
Water Heater, Electric - Combination Water/Space Heater	Plumbing
Water Heater, Natural Gas - Storage Type	Plumbing
Water Heater, Natural Gas - Tankless (point-of-use)	Plumbing
Water Heater, Natural Gas - Tankless (central/manifold)	Plumbing
Water Heater, Natural Gas - Combination Water/Space Heater	Plumbing
Water Heater, LPG - Storage Type	Plumbing
Water Heater, LPG - Tankless (point-of-use)	Plumbing
Water Heater, LPG - Tankless (central/manifold)	Plumbing
Water Heater, LPG - Combination Water/Space Heater	Plumbing
Water Heater, Solar (tank only)	Plumbing
Water Heater, Heat Pump - Unitary/Hybrid (no backup)	Plumbing
Water Heater, Heat Pump - Unitary/Hybrid (elec backup)	Plumbing
Water Heater, Heat Pump - Unitary/Hybrid (natural gas backup)	Plumbing
Water Heater, Heat Pump - Unitary/Hybrid (LPG backup)	Plumbing
Water Heater, Heat Pump - Modular (air source)	Plumbing
Water Heater, Heat Pump - Modular (ground or water source)	Plumbing

Water Service Line (uninc. KC only)	Plumbing
Water Storage Tank (hot or cold)	Plumbing
Yard Hydrant	Plumbing

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Item Description	Permit Type
Clothes Dryer (gas fired)	Fuel Gas
Cooking Appliance (commerical use) - Gas Stove, Oven, Range, Cooktop, Fryer, BBQ, Wok, Pizza Oven, etc.	Fuel Gas
Cooking Appliance (residential use) - Gas Stove, Oven, Cooktop, BBQ, Pizza Oven, etc.	Fuel Gas
Decorative Appliance or Amenity - Fire Table, Fire Pit, Tiki Torch, etc.	Fuel Gas
Demolition of Gas System - Full or Partial (cap & plug)	Fuel Gas
Emergency Shutoff - Laboratory, Boiler Rm, Commercial Kitchen, etc.	Fuel Gas
Food Truck Gas Connection (non-mobile)	Fuel Gas
Gas Boiler	Fuel Gas
Gas Submeter	Fuel Gas
Gas Water Heater - Storage Type	Fuel Gas
Gas Water Heater - Tankless	Fuel Gas
Generator	Fuel Gas
Industrial Equipment - Incinerator, Glass Furnace, Smelter, Kiln, etc.	Fuel Gas
Laboratory Fixture - Gas Turret, Bunsen Burner, etc.	Fuel Gas
Manufactured or Mobile Home Gas Connection (single family)	Fuel Gas
Modular Structure Gas Connection - School Portable, Mobile Office, etc.	Fuel Gas
Other Gas Fixture or Equipment	Fuel Gas
Pressure Regulator - LPG (residential or commerical)	Fuel Gas
Pressure Regulator - Natural Gas (residential or commerical)	Fuel Gas
Rough-In for Future Gas Fixtures or Outlets	Fuel Gas
Space Heating Equipment (indoor or outdoor) - Furnace, RTU, Radiant Heater, Patio Heater, Unit Heater, Fireplace, etc.	Fuel Gas
Temporary Gas	Fuel Gas
Underground Gas Line Set - Serving BBQ Pit, Fireplace, Meter, Future Fixture, Gas Lamp, Hot Tub/Pool Heater, Generator, etc.	Fuel Gas

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Item Description	Permit Type
Alarm, Area	Medical/Dental Gas
Alarm, Local	Medical/Dental Gas
Boom, Medical or Dental Gas	Medical/Dental Gas
Bulk Gas System	Medical/Dental Gas
Cryogenic Liquid Vessels (DOT regs.)	Medical/Dental Gas
Gas Connection to Fume Hood	Medical/Dental Gas
Stub-Outs for Future Outlets/Inlets	Medical/Dental Gas
Gas Outlet, Carbon Dioxide - Wall or Ceiling	Medical/Dental Gas
Gas Outlet, Medical Air - Wall or Ceiling	Medical/Dental Gas
Gas Outlet, Nitrogen - Wall or Ceiling	Medical/Dental Gas
Gas Outlet, Nitrous Oxide - Wall or Ceiling	Medical/Dental Gas
Gas Outlet, Oxygen - Wall or Ceiling	Medical/Dental Gas
Header or Manifold, Compressed Gas	Medical/Dental Gas
Hose Reel, Medical or Dental Gas	Medical/Dental Gas
Medical or Dental Air Compressor	Medical/Dental Gas
Other Connection Type (provide description)	Medical/Dental Gas
Vacuum Pump	Medical/Dental Gas
Vacuum Exhaust Termination	Medical/Dental Gas
Vaporizer (bulk oxygen)	Medical/Dental Gas
Zone Valve - Wall or Ceiling (per valve)	Medical/Dental Gas
Vacuum Inlet - Wall or Ceiling	Medical/Dental Gas
WAGD Inlet - Wall or Ceiling	Medical/Dental Gas

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Item Description	Permit Type
Equipment Skid	Lab Gas
Stub-Outs for Future Outlets/Inlets	Lab Gas
Lab Gas Outlet	Lab Gas
Lab Vacuum Inlet	Lab Gas
Emergency Shutoff	Lab Gas
Control/Alarm Panel	Lab Gas
Header or Manifold, Compressed Gas	Lab Gas
Gas Connection to Fume Hood	Lab Gas
Lab Air Compressor	Lab Gas
Lab Vacuum Pump	Lab Gas
Lab Vacuum Exhaust Termination	Lab Gas

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Item Description	Permit Type
Atmospheric Vacuum Breaker, Independent Device (ASSE 1001 or CSA B64.1.1)	Backflow
Double Check Detector Assembly (ASSE 1048)	Backflow
Double Check Valve Assembly (ASSE 1015, AWWA C510, CSA B64.5 or CSA B64.5.1)	Backflow
Pressure Vacuum Breaker (ASSE 1020 or CSA B64.1.2)	Backflow
Reduced Pressure Backflow Assembly (ASSE 1013, AWWA C511, CSA B64.4 or CSA B64.4.1)	Backflow
Reduced Pressure Detector Assembly (ASSE 1047)	Backflow
Spill-Resistant Pressure Vacuum Breaker (ASSE 1056)	Backflow

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Item Description	Permit Type
Note: fixtures shown below that are duplicates of plumbing permit fixtures would only be listed on an Alternate Water System permit if the fixture is supplied by the alternate water system.	Alt Water System
Auxiliary Water Supply - Make Up Water Connection	Alt Water System
Cistern Pump	Alt Water System
Secondary Storage or Day Tank	Alt Water System
Cistern or Collection Tank, Primary	Alt Water System
Overflow, Catchment System - Approved Overflow Termination	Alt Water System
Pre-filter (rainwater catchment)	Alt Water System
Unlisted Field-Assembled Treatment Train	Alt Water System
Concept Letter (commercial projects only)	Alt Water System
Cross Connection Control Inspection - ONWS System	Alt Water System
Listed Manufactured Skid, Treatment	Alt Water System
Backwater Valve	Alt Water System
Bar Sink	Alt Water System
Bathtub / Shower	Alt Water System
Bidet	Alt Water System
Booster Pump	Alt Water System
Circulation Pump	Alt Water System
Clothes Washer Box - Residential	Alt Water System
Dishwasher (Residential Type)	Alt Water System
Drain Water Heat Recovery Coil	Alt Water System
Drinking Fountain / Bottle Filler	Alt Water System
Ejector, Sewage	Alt Water System
Ejector, Storm	Alt Water System
Expansion Tank (incl hydropneumatic) <37.4 gallons	Alt Water System
Floor Drain / Garage Drain	Alt Water System
Floor Sink	Alt Water System
Hose Bibb / Wall Hydrant or Hose Reel w/Independent Supply	Alt Water System
Icemaker Supply Box (refrigerator)	Alt Water System
Indirect Receptor / Hub Drain	Alt Water System
Kitchen Sink (residential type)	Alt Water System
Laundry Sink	Alt Water System

Lavatory (restroom, bathroom, etc.)	Alt Water System
Living Wall - Planting (with or w/o indirect drain)	Alt Water System
Mfg/Mobile/Modular Home (drain/water connection)	Alt Water System
Mop Sink / Janitor's Sink	Alt Water System
Other type of fixture (provide description)	Alt Water System
Pet Wash Tub/Shower	Alt Water System
Planter Drain	Alt Water System
Pot Filler	Alt Water System
Pressure Reducing Valve - Water	Alt Water System
Primary or Secondary Roof Drain	Alt Water System
Roof Hydrant	Alt Water System
Stub-Outs for Future Fixture(s)	Alt Water System
Thermostatic Mixing Valve (ASSE 1017 only)	Alt Water System
Toilet, Gravity	Alt Water System
Toilet, Macerator	Alt Water System
Urinal, Flushometer	Alt Water System
Urinal, w/Drain Cleansing	Alt Water System
Urinal, Waterless	Alt Water System
Vacuum Drainage System (sanitary)	Alt Water System
Wall Box (for indirect drainage)	Alt Water System
Water Heater, Electric - Storage Type	Alt Water System
Water Heater, Electric - Tankless (point-of-use)	Alt Water System
Water Heater, Electric - Tankless (central/manifold)	Alt Water System
Water Heater, Electric - Combination Water/Space Heater	Alt Water System
Water Heater, Natural Gas - Storage Type	Alt Water System
Water Heater, Natural Gas - Tankless (point-of-use)	Alt Water System
Water Heater, Natural Gas - Tankless (central/manifold)	Alt Water System
Water Heater, Natural Gas - Combination Water/Space Heater	Alt Water System
Water Heater, LPG - Storage Type	Alt Water System
Water Heater, LPG - Tankless (point-of-use)	Alt Water System
Water Heater, LPG - Tankless (central/manifold)	Alt Water System
Water Heater, LPG - Combination Water/Space Heater	Alt Water System
Water Heater, Solar (tank only)	Alt Water System

Water Heater, Heat Pump - Unitary/Hybrid (no backup)	Alt Water System
Water Heater, Heat Pump - Unitary/Hybrid (elec backup)	Alt Water System
Water Heater, Heat Pump - Unitary/Hybrid (natural gas backup)	Alt Water System
Water Heater, Heat Pump - Unitary/Hybrid (LPG backup)	Alt Water System
Water Service Line (uninc. KC only)	Alt Water System
Water Storage Tank (hot or cold)	Alt Water System
Yard Hydrant	Alt Water System

Definitions and Notes

Notes

Fixtures, outlets, or equipment meeting the definitions below should be listed on the appropriate permit even if not specifically listed on the permit application.

For projects where the primary scope of work is re-piping an existing system, use the 're-pipe' fixture types on the application instead of listing each separate fixture. Only new fixtures should be listed in addition to 're-pipe' fixture types. See re-pipe project guidance document on PHSKC website.

Definitions (KCC 16.32.080)

"Backflow assembly" means any approved device or assembly installed within a water supply system to prevent health hazards associated with backflow or back-siphonage conditions;

"Fuel gas fixture" means an outlet point in a piped fuel gas supply system or connection to a piece of fuel gas using equipment

"Laboratory gas fixture" means an inlet point in a piped nonsurgical vacuum collection system, or an outlet point in a nonmedical laboratory gas distribution system that connects to a piece of equipment, or that facilitates connections and disconnections to be made by a system operator for nonmedical research or process purposes

"Medical or dental gas fixture" means an inlet point in a piped medical, surgical, or dental vacuum collection system or an outlet point in a medical or dental gas distribution system that connects to a piece of equipment, or that facilitates connections and disconnections to be made by a system operator

"Plumbing fixture" means an approved type of installed receptacle, device, or appliance that is connected to a water supply or that receives liquid or liquid-borne wastes and discharges such wastes into a building drainage system directly or indirectly

"Repipe fixture" represents the water supply, drainage, or venting portion of a plumbing system within a building that is to be replaced or repaired. A repipe fixture represents the piping system only and does not include any specific device or fixture as defined elsewhere in this section