Use this checklist to help gather all the required information and documents in order to submit a complete Plumbing Permit Application.

**SUBMITTAL DOCUMENTS**

- **Plumbing Permit Application** (completely filled out)
- **Supplemental Plumbing Information** sheet indicating fixtures to be relocated, replaced, installed or removed
- **Plumbing plans** shall show the following, as applicable. *(Plans not required for 1 and 2 unit residential buildings.)*
  - Pipe size and fixture units for sanitary and potable water systems
  - Calculations for water meter sizing and DWV fixture units for building drain
  - Location and type of proposed fixtures
  - Riser diagram with waste, vent and potable water piping locations and sizes. *(Isometric drawings are required for projects that include a commercial kitchen, a grocery store, or more than 3 stories.)*
  - Finished floor and sanitary sewer elevations *(required for sumps)*
  - Detail of drains/cleanouts *(required for underslab footing drains or where recommended by geotechnical engineer)*
  - Pipe size, details and square footage of roof area *(required for roof drains/overflow)*
  - If an engineered method is used instead of following prescriptive requirements, note that on the plans
  - Other pertinent details showing construction of interceptors, piping support, firestop penetration systems, etc.
- **Structural plans** shall show the following, as applicable. *(Plans not required for 1 and 2 unit residential buildings.)*
  - Framing plans and calculations for vertical and lateral loads, stamped by a Washington State registered professional engineer *(required for units weighing more than 400 pounds)*
  - Anchorage details for floor supported plumbing equipment. Details shall show how plumbing fixtures are anchored to the structure in order to resist displacement vertically and on both horizontal axes due to seismic motion.
  - Anchorage details for suspended plumbing equipment. Details shall show rigid vertical hangers braced in both horizontal directions. Connections by pipes or ducts that are, or contain, non-rigid elements that are not of inherent sufficient strength or which are not adequately anchored, will not be acceptable as equipment or appliance anchors.

Also, for medical gas piping:

- **Site plan** indicating the location of existing or new cylinder storage areas, property lines, driveways, and existing or proposed new buildings
- **Piping layout** showing the proposed piping system or alteration, including locations of alarms, valves, origin of gases, and user inlets/outlets
- **Calculated demand and loading** of any piping, existing, proposed or future, shall also be indicated
- Indicate all alarms and backup power supply for the alarms
- **Materials specifications**