

## **Plumbing, Fuel Gas, and Mechanical Systems Inspection Checklist**

### **PLUMBING SYSTEMS**

- \_\_\_\_\_ Rough-in/Below-slab/In-wall (before insulation)
- \_\_\_\_\_ Sanitary, waste, & vent head test
- \_\_\_\_\_ Domestic water pressure test
- \_\_\_\_\_ Rough in of medical gasses, lab gases, etc
- \_\_\_\_\_ Water service entrance; meter, pressure reducing valve and back flow preventers
- \_\_\_\_\_ Backflow preventers for HVAC make-up, irrigation, beverage dispensers, lab water systems, etc.
- \_\_\_\_\_ Domestic water heaters and hot water main mixing valve
- \_\_\_\_\_ Other temperature limiting devices; lavs, showers, emergency eye wash & shower, etc.
- \_\_\_\_\_ Close-In (after pressure test, insulation, and labeling)
- \_\_\_\_\_ Indirect drains, grease traps/interceptors, etc.
- \_\_\_\_\_ Non-potable and purple pipe water systems
- \_\_\_\_\_ Domestic hot water flow and temperature demonstration
- \_\_\_\_\_ Test emergency eye wash and emergency showers
- \_\_\_\_\_ Final walkthrough

### **FUEL GAS SYSTEMS**

- \_\_\_\_\_ Rough-in/In-wall
- \_\_\_\_\_ Pressure test – air or nitrogen not to exceed 125 psig, (pressure/duration specified by A/E)
- \_\_\_\_\_ Visual inspection by OUBO & FM Utilities of connection to meter, regulators, and appliances
- \_\_\_\_\_ Close-In (after pressure test and labeling)
- \_\_\_\_\_ Bubble test of final connections at gas pressure
- \_\_\_\_\_ Final walkthrough

### **MECHANICAL SYSTEMS**

- \_\_\_\_\_ Rough-in/Below-slab/In-wall (before insulation)
- \_\_\_\_\_ Heating and Chilled water pressure tests
- \_\_\_\_\_ Duct pressure tests
- \_\_\_\_\_ Clothes dryer exhaust ducts, hazardous exhaust ducts, other special exhaust duct system
- \_\_\_\_\_ Fire and smoke damper gaps and angles, including inside shafts
- \_\_\_\_\_ Fire damper tests - 100% witnessed by OUBO with UVa FM Fire and Life Safety Team
- \_\_\_\_\_ Fire and smoke damper tests - 100% witnessed by OUBO with UVa FM Fire and Life Safety Team. Determine if/how the heat element in combination dampers will be tested.
- \_\_\_\_\_ Duct insulation up to fire and smoke dampers
- \_\_\_\_\_ Light bulb test of Type I kitchen grease exhaust duct system
- \_\_\_\_\_ Fire rated duct wrap - Duct supports, bands, and terminations
- \_\_\_\_\_ Close-In (after pressure test, duct/piping insulation, and duct/piping labels)
- \_\_\_\_\_ Kitchen hood fire suppression system with UVa FM Fire and Life Safety Team
- \_\_\_\_\_ Kitchen hood capture and containment
- \_\_\_\_\_ Final walkthrough

Other: \_\_\_\_\_