

PROJECT:  
PROJECT/CONSTRUCTION MANAGER:

W.O. NO.:  
DATE:

PROJECT PHASE:

BLDG NO.:

## **Mechanical & Plumbing Systems Inspection**

### **PLUMBING SYSTEMS**

- \_\_\_\_\_ Under-slab and buried pipe – rough-in, bedding and pressure test
- \_\_\_\_\_ Rough-in (before insulation)
- \_\_\_\_\_ Domestic water pressure test
- \_\_\_\_\_ Rough in of medical gasses, lab gases, etc
- \_\_\_\_\_ In-Wall (after pressure test, insulation and labels)
- \_\_\_\_\_ 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.
- \_\_\_\_\_ Indirect drains, grease traps/interceptors, etc.
- \_\_\_\_\_ Nonpotable and purple water systems
- \_\_\_\_\_ Domestic hot water flow and temperature demonstration
- \_\_\_\_\_ Test emergency eye wash and emergency showers
- \_\_\_\_\_ Bacteria report

### **FUEL GAS SYSTEMS**

- \_\_\_\_\_ Visual inspection of gas mains
- \_\_\_\_\_ Pressure test of mains – air or nitrogen not to exceed 125 psig
- \_\_\_\_\_ Visual inspection by OUBO & Utilities of connection to meter, regulators and appliances
- \_\_\_\_\_ Bubble test of final connections at gas pressure

## MECHANICAL SYSTEMS

- \_\_\_\_\_ Under-slab and buried pipe – rough-in by OUBO & Utilities, bedding and pressure test
- \_\_\_\_\_ Above ground hydronic rough-in and pressure tests
- \_\_\_\_\_ In-Wall and Above Ceiling of piping (after pressure test, insulation and labels)
- \_\_\_\_\_ Cooling coil condensate disposal
- \_\_\_\_\_ Duct rough-in
- \_\_\_\_\_ Duct pressure tests
- \_\_\_\_\_ Clothes dryer exhaust ducts, hazardous exhaust ducts, other special exhaust ducts
- \_\_\_\_\_ Duct insulation and labels
- \_\_\_\_\_ Fire and smoke damper gaps
- \_\_\_\_\_ Fire and smoke damper angles including inside shafts
- \_\_\_\_\_ Duct insulation up to fire and smoke dampers
- \_\_\_\_\_ Fire damper tests – 100% witnessed by OUBO.
- \_\_\_\_\_ Fire and smoke damper tests -full inspection of smoke dampers with UVa Fire Protection Group preferred; spot check after is acceptable by prior arrangement. Determine if and how the heat element in combination dampers will be tested.
- \_\_\_\_\_ Light bulb test of Type I kitchen exhaust duct
- \_\_\_\_\_ Fire rated duct wrap – first layer and termination
- \_\_\_\_\_ Fire rated duct wrap – final layer, duct support, bands and termination
- \_\_\_\_\_ Kitchen hood fire suppression system
- \_\_\_\_\_ Float or moisture sensors in elevator sumps (where pump not installed)
- \_\_\_\_\_ Stair pressurization system
- \_\_\_\_\_ ASHRAE 110 test for fume hoods and verification of other special exhaust
- \_\_\_\_\_ TAB
- \_\_\_\_\_ Commissioning

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