



Mechanical Permit

Application Requirement Summary – Commercial

Boilers

- Site plans
- Construction plans
- Details on boiler stack and vents
- Equipment data

Boiler must be in a 1 hr room if over 15 psi and 10 hp

Draft Curtain / Smoke Vents

- Construction plans

Dust Collection – Inside

- Site plans
- Construction plans
- Equipment data

Dust Collection – Outside

- Site plans
- Construction plans
- Equipment data
- Signed copy of Engineering Easement Declaration

Hood and Duct System

- Construction plans & elevations
- Structural calculations for units exceeding 400 pounds (weight to include duct, shaft and hood).
- Detail on suppression system
- See also Hood and Duct Systems for Commercial Kitchens handout
- Suppression System by separate permit

HVAC/Mechanical – Commercial Installations

- Site plans
- Construction plans
- Commercial HVAC checklist and mechanical summary
- Structural calculations for gravity and lateral design for units weighing over 400 pounds
- Equipment schedules for heating and cooling equipment
- Furnace room with 400,000 btu equipment must be in a 1 hr room or automatic sprinkler needs to be installed.

Industrial Ovens

- Construction plans including shafts, ducting and ventilation
- Equipment data

Medical Gas Rooms / Piping

- Construction plans
- Identify special inspector for piping

Spray Painting Booth – Inside

- Site plans
- Construction plans

Spray Painting Booth – Outside

- Site plans
- Construction plans
- Structural calculations for canopy, and for booth tie downs.

Walk-In Cooler – Inside

- Mechanical permit is required for the compressor and condenser; Building permit is also required for all coolers.

Provide:

- Site plans
- Construction plans
- Equipment data
Identify type and quantity of refrigerant used
- Larger systems may require code analysis detailing compliance with IMC Chapter 11, IFC Sec 606

Walk-In Cooler – Outside

- Mechanical permit is required for the compressor and condenser; Building permit is also required for all coolers.

Provide:

- Site plan
- Floor plan
- Equipment data
Identify type and quantity of refrigerant used
- Larger systems may require code analysis detailing compliance with IMC Chapter 11, IFC Sec 606