



Mechanical Permit

Application Requirement Summary – Commercial

Boilers

- 3 copies site plans
- 2 copies construction plans
- 2 copies details on boiler stack and vents
- 2 copies equipment data

Boiler must be in a 1 hr room if over 400,000 BTU

Draft Curtain / Smoke Vents

- 3 copies construction plans

Dust Collection – Inside

- 3 copies site plans
- 3 copies construction plans
- 2 copies equipment data

Dust Collection – Outside

- 4 copies site plans
- 4 copies construction plans
- 2 copies equipment data
- 1 signed copy of Engineering Easement Declaration or 3 additional site plans
- See also Dust Collection Systems handout

Hood and Duct System

- 3 copies of construction plans & elevations
- 2 copies 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

HVAC/Mechanical – Commercial Installations

- 3 copies of site plans
- 2 copies of construction plans
- 2 copies commercial HVAC checklist and mechanical summary
- 2 copies structural calculations for gravity and lateral design for units weighing over 400 pounds
- 2 copies equipment schedules for heating and cooling equipment

Industrial Ovens

- 3 copies construction plans including shafts, ducting and ventilation
- 2 copies equipment data
- See also Industrial Baking and Drying Ovens handout

Medical Gas Rooms / Piping

- 4 copies construction plans
- Identify special inspector for piping

Spray Painting Booth – Inside

- 4 copies of site plans
- 4 copies of construction plans
- See also Spray Booths Checklist

Spray Painting Booth – Outside

- 4 copies site plans
- 4 copies of construction plans
- 1 signed copy of Engineering Easement Declaration or 3 additional site plans
- 2 copies structural calculations for canopy, and for booth tie downs.
- See also Spray Booths Checklist

Walk-In Cooler – Inside

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

Provide:

- 3 copies site plans
- 3 copies construction plans
- 2 copies of 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:

- 4 copies site plan
- 4 copies floor plan
- 2 copies of equipment data
Identify type and quantity of refrigerant used
- Larger systems may require code analysis detailing compliance with IMC