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