

**INSPECTIONAL SERVICES**  
CALUMET CITY, ILLINOIS  
**Application for HVAC Permit**

FEES \$ \_\_\_\_\_ PERMIT NO. \_\_\_\_\_

Date of Application \_\_\_\_\_

\_\_\_\_\_  
HVAC Inspector Approval Date

\_\_\_\_\_  
Building Commissioner Approval Date

Application is hereby made for permission to do HVAC work as follows:

PROPERTY OWNER: \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

ADDRESS: \_\_\_\_\_ Calumet City, Illinois 60409.

**DESCRIPTION OF WORK**

FURNACE # \_\_\_\_\_ BTU'S

A/C # \_\_\_\_\_ TONS \$ 5.00 PER TON

FUEL TANK REMOVAL

COMMERCIAL HVAC  
CONTRACT COST \$ \_\_\_\_\_  
1% OF COST UP TO \$100M

**MINIMUM FEES FOR ALL PERMITS \$25.00**

Work Description \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

**HVAC REQUIREMENTS**

MECHANICAL ROOM

- Combustion air for furnace
- Working smoke and carbon monoxide detectors
- Working light in room

BOILERS

- Back flow at water supply for boiler

FURNACE

- Electric shut-off switch and outlet for trouble light
- Circuit breaker 15 amp with 14 gage wire
- 80% furnace requires reduction in chimney flue diameter;  
5" or 6" chimney liner required with cap or a diluter if chimney liner won't fit.
- 90% furnace – install PVC pipe for flue and air intake to the outside only. If hot water tank dumps into chimney, flue needs reduction in chimney diameter; 4' chimney liner required with cap.
- Gas line union and shut-off valve placed outside of box
- Y's in flues, not T's

A/C SYSTEMS

- Outside requires disconnect at condenser
- Place condenser in back yard as per City of Calumet City Ordinance:
  - 2-ton = A/C double pole 20 amp breaker with # 12 gage wire
  - 3-ton = A/C double pole 30 amp breaker with # 10 gage wire
  - 4-ton = A/C double pole 40 amp breaker with # 8 gage wireOlder model condensers
- For new high efficiency condensers breaker size according to specification plate on unit; attic drain pans and basement A-coil drain lines into trap (laundry tub) not sump pit; if not sure, call and ask before installation.

BUSINESS

- The units are place on the roof with GFI outlet.

**In ground fuel tanks must be filled with sand and if removed, a soil test must be provided.  
All basement fuel tanks must be removed. Permit required.**