

# Borough of Emmaus

## APPLICATION FOR MECHANICAL PERMIT

Application is hereby made for a permit to install or alter mechanical systems on the premises described herewith. The information which follows, together with the mechanical plan, is made part of this application by the undersigned. It is understood and agreed by this applicant that any error, misstatement or misrepresentation of material fact, either with or without intention on the part of this applicant, such as might or would operate to cause a refusal of this application, or any change made subsequent to the issuance of the permit, without approval shall constitute sufficient ground for the revocation of this permit, and/or prosecution, or both.

**Notify Barry Isett for all mechanical inspections – 484-223-0763**

**PLEASE PRINT OR TYPE INFORMATION**

**OFFICE USE ONLY**

Application Date: _____	Approx. Start Date: _____	*FEE: _____
Location _____		<b>*More than two inspections will be billed to the applicant</b>
Type of structure: New _____ Existing _____		
Contractor _____		Owner _____
Street _____ City _____	Street _____ City _____	
Phone # _____	Phone # _____	
Fax # _____		
Description of work to be performed: _____		
Estimated Cost _____		

Mechanical Permit is Hereby Issued: \_\_\_\_\_ *Mechanical Inspector*

**HVAC Systems -**      **Commercial** \_\_\_\_\_      **Plan submitted:** Yes \_\_\_\_\_ No \_\_\_\_\_  
    **Residential \*** \_\_\_\_\_      ( \*no plan required)

**Installation:** New \_\_\_\_\_ Replacement \_\_\_\_\_ Conversion \_\_\_\_\_

**A/C:**    Size of unit (BTUs) \_\_\_\_\_ # of units \_\_\_\_\_ Manufacturer \_\_\_\_\_  
                  Self-contained \_\_\_\_\_ Separate units \_\_\_\_\_ Gas \_\_\_\_\_ Oil \_\_\_\_\_ Electric \_\_\_\_\_  
                  Evaporator condenser \_\_\_\_\_ Water tower \_\_\_\_\_ Fluid cooler \_\_\_\_\_

**HEATING:** Size of unit (BTUs) \_\_\_\_\_ # of units \_\_\_\_\_ Manufacturer \_\_\_\_\_  
                  Furnace \_\_\_\_\_ Boiler \_\_\_\_\_ Heat Pump \_\_\_\_\_ Gas \_\_\_\_\_ Oil \_\_\_\_\_  
                  Hot water \_\_\_\_\_ Steam \_\_\_\_\_ Forced air \_\_\_\_\_

**DUCTWORK:** Type of construction: Metallic ducts \_\_\_\_\_ Non-metallic ducts \_\_\_\_\_ Flexible ducts \_\_\_\_\_  
                  For Commercial ONLY - Smoke detectors for supply air: Yes or No    return air: Yes or No  
                  Fire Dampers: Yes or No

**MISC.:**    Dryer vent size \_\_\_\_\_ in.      Bathroom vent size \_\_\_\_\_ in.      Kitchen exhaust: duct or ductless

Open air returns not permitted. Returns must be ducted.

**For Commercial ONLY**

**KITCHEN EXHAUST EQUIPMENT\*:**      **Required plan submitted:** Yes \_\_\_\_\_ No \_\_\_\_\_

Grease duct size \_\_\_\_\_ Duct material \_\_\_\_\_ Gage # \_\_\_\_\_  
 Makeup air duct size \_\_\_\_\_ Duct material \_\_\_\_\_ Gage # \_\_\_\_\_ Makeup air CFM \_\_\_\_\_  
 Clearance to combustible materials \_\_\_\_\_ in. # of clean outs \_\_\_\_\_ Grease filters: Yes or No  
 Termination above the roof \_\_\_\_\_ in. OR thru exterior wall \_\_\_\_\_ ft. from air intake openings  
 Hood size \_\_\_\_\_ Hood material \_\_\_\_\_ UL710: Yes or No  
 Type of fire suppression system \_\_\_\_\_ UL 300: Yes or No  
 # of heads \_\_\_\_\_ # of fusible links \_\_\_\_\_

\* **BALLOON TEST IS REQUIRED AT FINAL INSPECTION** Continued on back

**Fuel Oil Piping and Storage**

NOTICE: Underground fuel oil storage and all tanks exceeding 660 gallons shall be in compliance with Fire Department regulations.

Size of tank \_\_\_\_\_ gals. # of tanks \_\_\_\_\_ Tank material \_\_\_\_\_ UL Test label # \_\_\_\_\_  
 Single liner \_\_\_\_\_ Double liner \_\_\_\_\_ Piping material \_\_\_\_\_ Gage # for tank \_\_\_\_\_  
 Location of tank: Indoor \_\_\_\_\_ Above ground \_\_\_\_\_ Underground \_\_\_\_\_

**Fireplaces, Solid Fuel-Burning and Gas/Oil Accessory Appliances**

**Type of appliance** \_\_\_\_\_ Manufacturer \_\_\_\_\_ Test label \_\_\_\_\_  
**Construction type:** Masonry \_\_\_\_\_ Factory build \_\_\_\_\_ Free-standing \_\_\_\_\_ Insert \_\_\_\_\_  
**Fuel type:** Pellet \_\_\_\_\_ Coal \_\_\_\_\_ Wood \_\_\_\_\_ Oil \_\_\_\_\_ Other \_\_\_\_\_  
**Hearth:** Floor construction: Concrete \_\_\_\_\_ Brick \_\_\_\_\_ Stone \_\_\_\_\_ Tile \_\_\_\_\_ Other \_\_\_\_\_  
 Extension from fireplace opening: Front \_\_\_\_\_ Sides \_\_\_\_\_  
**Radiation clearances:** Above \_\_\_\_\_ Left side \_\_\_\_\_ Right side \_\_\_\_\_ Rear \_\_\_\_\_ Front \_\_\_\_\_

**Chimneys and Vents**

Size of Flue \_\_\_\_\_ in. Termination height \_\_\_\_\_ in. Clean Out: Yes or No  
 Masonry/Terra cotta \_\_\_\_\_ Stainless Steel \_\_\_\_\_ Aluminum \_\_\_\_\_  
 Single wall \_\_\_\_\_ Double wall insulated \_\_\_\_\_ Triple wall insulated \_\_\_\_\_  
 Direct vent \_\_\_\_\_ Power vent \_\_\_\_\_  
 Clearance thru Roof or Wall \_\_\_\_\_ in. from Combustible Materials  
 Connector: Size \_\_\_\_\_ Thimble \_\_\_\_\_ Clearance Vertical \_\_\_\_\_ in. Clearance Horizontal \_\_\_\_\_ in.  
 Existing type material \_\_\_\_\_ Lined \_\_\_\_\_ Unlined \_\_\_\_\_