



Bloomfield Township
P.O. Box 489, 4200 Telegraph Road
Bloomfield Hills, MI 48303-0489
Phone (248) 433-7715 ■ Fax: 433-7729
Inspection Line (248) 594-2818
www.bloomfieldtp.org

GENERATOR APPLICATION PROCESS - 1

All generators require three (3) permits to be issued at the same time from the Building Division and must comply with **The Charter Township of Bloomfield ClearZoning and Chapter 14, Article II, Sec. 14-20-Ordinance to Control Excessive Noise**. An additional Building Permit will be required if a screen wall is proposed or if required to lower the noise level of the generator. ***Once the permits have been issued the installation may commence.***

Electrical Permit – At the time of inspection, the Township will ensure that the generator has been installed according to the Michigan Residential 2009 Code or the National Electrical Code 2008, NEC 2008 Part 8 Rule and according to the Code of the Charter Township of Bloomfield Ordinance Chapter 42:

Rear Yard Location – Placed immediately adjacent to the residential building (maximum 36” from the residential wall) and maintaining a minimum 16’ side yard setback.

Side Yard Location – Placed immediately adjacent to the residential building (maximum 36” from the residential wall) and maintaining a minimum 16’ side yard setback. Placement in a side yard shall be screened from view through the use of materials identical to those used on the main building or through the use of evergreen plant material at least the height of the equipment (“screen wall”) and located at the point of placement of the equipment. The screen wall shall screen the equipment at a height not less than the height of the equipment. Screen walls, other than vegetative screen walls, shall not be located in the required sixteen (16) foot side yard setback as measured from the side lot line and at a height no greater than four (4) feet.

Mechanical Permit – At the time of inspection, the Township will ensure that the generator has been installed according to the Michigan Residential 2009 Code or the Michigan Mechanical Code 2009.

Generator Use Permit – At the time of inspection, the Township will test the generator operating under load for the purpose of ensuring that noise requirements are met according to the Codes of the Charter Township of Bloomfield Chapter 14, Article II, Sec. 14-20

Weekly generator testing permitted during daytime hours only. (Periodic testing time between 9 AM and 5 PM weekdays)

Generator decibel level must register 70 db (A) or less at a location 25 feet away from the source from which the sound emanates, with the exception of the measurement provided for in subsections 4.01 (7). The owner must comply with the Codes of the Charter Township of Bloomfield Chapter 14, Article II, Sec. 14-20 through means of additional sound abatement measures. Additional sound abatement measures may be reached with the use of evergreen screening or a sound abatement wall with materials identical to the main building. When the ambient noise is greater than 65dB(A) at the point of measurement, the noise generated from the generator in combination with the ambient noise shall not exceed more than 10dB(A) above the ambient noise.

Building Permit – At the time of inspection, the Township will ensure that the screen wall has been built according to the Michigan Residential 2009 Code.

GENERATOR APPLICATION PROCESS - 2

The screen wall shall screen the equipment at a height not less than the height of the equipment and no more than four (4) feet. Screen walls, other than vegetative screen walls, shall not be located in the required sixteen (16) foot side yard setback as measured from the side lot line.

The following items are required to be submitted prior to permit release:

- \$50.00 Plan Review Fee
- Use Permit Application (Signed by homeowner and electrical contractor)
- Electrical Permit Application
- Current copy of driver's, master's and contractor's license of electrical contractor
- \$100.00 Electrical Permit Fee
- Mechanical Permit Application
- Current copy of driver's and contractor's license of mechanical contractor
- \$100.00 Mechanical Permit Fee
- Three (3) copies of an engineered site plan or a copy of the mortgage survey (cannot be reduced or enlarged) to include the following
 - Identify all streets and lot lines
 - Orientation of the home
 - Equipment location
 - Setback distance from property line(s)
 - Distance from the wall of the building to the equipment
 - Screening requirements (Placement, material, and height)
- Subdivision Association approval or comments
- Three (3) copies of the generator specifications
- Three (3) copies of the load calculations (total connected load)

In the event that a screen wall is proposed, the following items are required in addition to the above:

- \$30.00 plan review fee
- Building Permit Application
- Current copy of drivers and contractor's license of building contractor
- A dimensioned and detailed wall cross-section identifying screen wall materials (any wall higher than 4 feet will require a variance from the Zoning Board of Appeals)
- \$120.00 Building Permit fee

A variance from the Zoning Board of Appeals is required for any proposed generator with any of the following issues:

- Front yard installation and nonconforming side and rear yard installations
- Screening wall, other than vegetative screen walls, higher than 4'-0"
- Propane tank installation above ground
- Encroachment into the rear or side yard setback

Operation of the generator is *prohibited* until the noise level has been tested and approved by Bloomfield Township and the decibel level is confirmed to comply with the Codes of the Charter Township of Bloomfield Chapter 14, Article II, Sec. 14-20.

Inspection requests must be called into the Building Division 24 hours prior to the requested inspection date.

Generators must be screened in accordance with Township Ordinance. In the event inclement weather prevents the installation of the screening, a minimum \$200 cash bond, as determined by the Building Official, will be required at the time of final inspection. The screening must be completed prior to May 1, 20___. Upon verification, the bond will be

Signature of Homeowner

Date

Signature of Contractor

Date



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 Application #

 Permit #

 Application Date

 Issue Date

APPLICATION FOR GENERATOR USE PERMIT

Please print or type:

Address of Job: _____

Sidwell # 19- _____ Section: _____ Lot: _____ Sub: _____

Applicant/Contractor: _____

Phone: _____ Fax: _____

Email: _____

Address: _____

City: _____ State: _____ Zip: _____

Owner: _____ Phone: _____

At the time of inspection, the Township will test the generator operating under load for the purpose of ensuring that noise requirements are met.

Weekly generator testing permitted during daytime hours only. (Periodic testing time between 9:00 AM and 5:00 PM, weekdays.)

Generator decibel level must register 70 dB(A) or less at the closest measurement to the property line. If the generator exceeds 70 dB(A) noise level at the closest property line, the owner must comply with the Code of the Charter Township of Bloomfield Chapter 14, Article II, Sec. 14-20 through means of additional sound abatement measures. Additional sound abatement measures may be reached with the use of evergreen screening or a sound abatement wall with materials identical to the main building.

Operation of the generator is prohibited until the noise level has been tested and approved by Bloomfield Township and the decibel level confirmed to comply with the Code of the Charter Township of Bloomfield Chapter 14, Article II, sec. 14-20.

 Signature of Homeowner

 Date

 Signature of Applicant

 Date



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APPLICATION FOR PERMIT

ELECTRIC

PLUMBING

SEWER

Address of job _____

Lot # _____ Sub. _____ Section _____

Applicant _____ Phone _____

Email _____ Fax _____

Address _____ City _____ State _____ Zip _____

Property Owner _____ Phone _____

New Building Addition Remodeling Repairs Replacement Other _____

Electrical: Plans are required for all buildings using over six (6) circuits before a permit is issued for electrical work.

Mechanical: A/C condenser location – **No Front Yard Installations**

Rear Yard Side Yard (requires screening & site plan) Number of units _____

Mech. Equipment Type Hydronic Forced Air Boiler Number of units _____

Mechanical classifications 1 2 3 4 5 6 7 8 9 10

Generators: See Generator Application Process.

Sewer Contractors: A current ten thousand dollar (\$10,000) surety bond must be posted on a Township form (copies not acceptable). Bonds expire at end of each calendar year.

Remarks _____

Zoning Board of Appeals required for work being performed ? **YES / NO** Date granted: _____

STATE OF MICHIGAN REQUIRED INFORMATION:

License Number _____ Issued by _____ Exp. Date _____

Federal Employer ID number or reason for exemption _____

Workers Comp Insurance Carrier or reason for exemption _____

MESC Employer number or reason for exemption _____

A permit remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within 180 days after issuance of the permit or if the authorized work is suspended or abandoned for a period of 180 days after the time of commencing the work. A PERMIT WILL BE CLOSED WHEN NO INSPECTIONS ARE REQUESTED AND CONDUCTED WITHIN 180 DAYS OF THE DATE OF ISSUANCE OR THE DATE OF A PREVIOUS INSPECTION. CLOSED PERMITS CANNOT BE REFUNDED.

“Section 23a of the State Construction Code Act of 1972, 1972 PA 230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of Section 23a are subjected to civil fines.”

Signature of Applicant _____ Date _____



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Permit #

Issue Date

APPLICATION FOR MECHANICAL PERMIT

Address of Job _____ Lot # _____ Sidwell # _____
Subdivision _____ Applicant/Contractor _____
Email _____ Telephone _____ Fax _____
Address _____ City _____ State _____ Zip _____
Property Owner _____ Telephone _____

- New Construction Addition Remodel Repairs Replacement Generator
- Fee No. Amount**

<u>Application Fee</u>	\$20	_____	_____
<u>New Construction</u>			
New Construction (one furnace, one A/C w/duct work*)	170	_____	_____
Each additional furnace	80	_____	_____
Each additional A/C*	50	_____	_____
Prefab fireplace	100	_____	_____
Gas-line	80	_____	_____
<u>Addition/Alteration/Replacement</u>			
Single item inspection	50	_____	_____
Installation of furnace and/or A/C per unit*	50	_____	_____
Duct alterations	80	_____	_____
Prefab fireplace	100	_____	_____
Gas-line (provide pressure test)	80	_____	_____
A/C unit added to existing furnace *	50	_____	_____
Processed Piping	120	_____	_____
Boiler installation (must provide boilers license)	50	_____	_____
Fire suppression/Kitchen hood suppression	100	_____	_____
Self-contained HVAC units, per unit	50	_____	_____
Re-inspection Fee	50	_____	_____
Mechanical Registration	5	_____	_____
Administration Fee	20	_____	_____
<u>Commercial Fees</u> – Assessed at plan review by the inspector – Minimum	100	_____	_____
Description _____			
Total Due		\$	_____

*Indicate exterior equipment location: Rear Yard Side Yard Front Yard Roof
For equipment locations you must provide a detailed site plan indicating all streets, lot lines, orientation of home, equipment location, setback distance from property line(s), distance from wall of building to equipment, screening requirements (placement, material and height) & subdivision comments. Please note that all equipment must be screened from view per the Codes of the Charter Township of Bloomfield, Chapter 42, Article IV, Sec. 42-5.1. Final inspection will not be approved until screening is installed.

Applicants Signature _____ Date _____ Company Name _____



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APPLICATION FOR MECHANICAL PERMIT - 2

STATE OF MICHIGAN REQUIRED INFORMATION

License # _____ Issued by: _____ Expiration Date: _____

Federal employer I.D. # or reason for exemption: _____

Worker's Comp. Insurance carrier or reason for exemption: _____

MESC Employer # or reason for exemption: _____

A permit remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within 180 days after issuance of the permit or if the authorized work is suspended or abandoned for a period of 180 days after the time of commencing the work. **A PERMIT WILL BE CLOSED WHEN NO INSPECTIONS ARE REQUESTED AND CONDUCTED WITHIN 180 DAYS OF THE DATE OF ISSUANCE OR THE DATE OF A PREVIOUS INSPECTION. CLOSED PERMITS CANNOT BE REFUNDED.**

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Signature of Applicant _____ Date: _____

Company Name _____