

CITY OF HARPER WOODS  
CODE OF ORDINANCES  
Electrical  
Reference to Ordinance #88-1

Electrical permits for apartment buildings, commercial buildings or duplexes shall not be issued to tenants, business owners or homeowners but to electrical contractors only.

**BASE PERMIT FEE \$30.00**

A base permit fee of \$30 shall be charged on every permit with the exception of a re-inspection fee, an addition to an original permit, information permit, and certificate of occupancy or hourly rates.

Installation, Alteration or Replacement fees:

Circuits

First circuit	\$10.00
Each additional circuit	\$ 3.00

Items charged as a circuit

Cash register wiring, garage wiring, rewiring a circuit, interruptible meter of air conditioner, heat reclaim fan, paddle fane, Jacuzzi, spa/hot tub and sauna.

Sign circuit

Includes connection	\$10.00
---------------------	---------

Sign connection only

Each sign provided inspection is made at the same time and same location	\$ 5.00
--	---------

Outline tubing (connection)

Neon tubing for signs, each 50 foot or fraction thereof	\$ 5.00
---	---------

Fixtures

Each 25 lamps/tubs or fraction thereof	\$10.00
--	---------

- a. Flood lights of 1,000 watts capacity each or over shall be considered as power units
- b. Each cluster of flood lights consisting of lamps, each 1,000 watts or over, shall be considered as one power unit of lamp wattage
- c. Each neon type gas-tube lamp shall be counted as one unit
- d. Lighting pole
- e. Emergency lighting, security devices

Items charged as a fixture

Duplex receptacle, fluorescent lights, emergency battery units, exit signs, ground fault interrupter (GFI), high powered sodium (HPS) lights, plugs, and exhaust fans.

Motors, power/heating units, air conditioners, furnaces, & heat pumps

Includes generators, rectifiers, capacitors, welders, flood lamps (1,000 watts or over), heating and/or power units based on horsepower, KW or KVA rating.

	<u>FIRST UNIT</u>	<u>EACH ADD'L UNIT</u>
Up to 10 HP, KW, KVA or Power Plug	\$ 8.00	\$3.00
Over 10 up to 30	\$10.00	\$4.00
Over 30 up to 50	\$10.00	\$5.00
Over 50	\$20.00	\$7.00

Above fees include branch circuit wiring to the equipment.

Less than ¼ HP on other than heating units fee is based on number of circuits supply such motors.

Air cleaner No charge

Electric attic fan, compactor, cook top,  
dishwasher, disposal, dryer, lift pump, oven  
range, range hood, sump pump, washer,  
water heater (each item) \$ 7.00

Swimming pools \$20.00

Temporary service  
100 amperes or less \$10.00  
101 to 400 amperes \$15.00  
Over 400 or temporary primary \$20.00

Furnace & Air wiring together \$19.00

Air Wire only (2 motors) \$11.00

Furnace wire \$ 8.00

Interruptible service \$ 5.00

Rough Inspection \$10.00  
Rough inspection fee will be waived on any  
permit when installation is entirely completed  
for rough and final inspection at time of initial  
inspection

Service entrance cable \$10.00

Outdoor meter cabinets (in existing services)  
Each location \$10.00

Sub-fed panel  
Includes master control panels \$10.00

Feeders (conduits, wireways, bus ducts,  
Cables etc)  
First 100 feet or less \$10.00  
Next 1,000 ft, each add 100 ft or fraction \$ 5.00  
Over 1,100 ft, each add 100 ft or fraction \$ 5.00

Underfloor raceways, Headers for cellular floors, etc.	
First 100 feet or less	\$10.00
Next 1,000 ft, each add 100 ft or fraction	\$ 3.00
Over 1,100 ft, each add 100 ft or fraction	\$ 1.00
Residential electrical space heating	
Each circuit	\$5.00
For supplemental heating and other, use KW rating per unit	
Temporary wiring	
Conventions, displays, exhibits, etc including lighting, motors and other electrical equipment	
Up to 100,000 sq ft of display area	\$ 40.00
Over 100,000 – 200,000 sq ft	\$ 80.00
Over 200,000 – 300,000 sq ft	\$120.00
Over 300,00 – 400,000 sq ft	\$160.00
Over 400,000 sq ft	\$200.00
Temporary outdoor decorative displays	\$ 30.00
Electrical sign tag	
One hour time shall be computed separately and not in combination with other items on the following sign fees:	
Signs (tag inspection)	
Each sign (does not include connection, provided inspection is at same time/location)	\$ 10.00
Outline tubing (tag inspection)	
Neon tubing for signs, each 50ft or fraction	\$ 10.00
Window signs (tag inspection)	
Each sign (provided inspection is at same time/location)	\$ 10.00
Fire alarm systems	
One hour time shall be computed separately and not in combination with other items in the following schedule	
Drill & Pull stations	
First five (5) stations or less	\$ 15.00
Each additional two (2) stations	\$ 5.00
Telephone stations	
2 way communication units	\$ 25.00
Fire alarm signal device (horn/bell)	
First two (2) devices or less	\$ 10.00
Each additional two (2) stations	\$ 5.00

Heat/Smoke detectors	
First two (2) devices or less	\$ 10.00
Each additional two (2) stations	\$ 5.00
Fire door holders – each doorway	\$ 5.00
Combination door holders/smoke detector	
Each doorway	\$ 5.00
Building master panel - each panel	\$ 15.00
Exitway door unlocking system	
First door	\$ 5.00
Each additional door	\$ 3.00
Sprinkler system (wet)	\$ 10.00
Sprinkler system (wet & dry)	\$ 20.00
Sub panel - annunciator - each zone (floor)	\$15.00
Elevator capture -each elevator	\$ 10.00
Data gathering/reporting panel - each panel	\$ 5.00
Central computer	\$ 10.00
Re-Inspection (no base fee)	\$25.00
Violation correction (no base fee)	\$25.00

Double permit fee  
 Shall be charged for failure to obtain a permit

**Refunds**

Base permit fee shall be retained from the total permit fee if the work has not been started

CITY OF HARPER WOODS  
 BUILDING DEPARTMENT  
 19617 HARPER AVENUE  
 HARPER WOODS, MI 48225

Phone: 313-343- 2526

E-mail: [building@harperwoodsmi.net](mailto:building@harperwoodsmi.net)

**CITY OF HARPER WOODS**

**CODE OF ORDINANCES**

**MECHANICAL CODE**

Reference to Ordinance #89-11

**BASE PERMIT FEE**

A base permit fee of \$30 shall be charged on every permit with the exception of a re-inspection fee, an addition to an original permit, information permit, certificate of occupancy or hourly rates.

**Installation, Alteration or Replacement fees:**

**Gas burning unit or portion thereof:**

Up to 500,000 btu	\$35.00
500,001 to 1,000,000 btu	\$40.00
1,000,001 btu and up	\$45.00

Hot tub, jacuzzi, sauna	(charge by btu)
Swimming pool boiler or heater	(charge by btu)

Duct work with furnace	\$15.00
Duct work only	\$20.00

Dampers	\$5.00
Includes furnace, water heater or any Other energy saving device	

Chimney Liner	\$15.00
---------------	---------

Humidifier	\$15.00
------------	---------

Air Cleaner	\$10.00
-------------	---------

Gas Piping over 10 feet	\$5.00
-------------------------	--------

Solid Fuel Appliance	\$5.00
Free-standing fireplace, space heater, wood burning stove	

**Additional Equipment Installed & Inspected**

But not included in "open" original permit within six (6) months of original permit issue date. Permit application must be marked "Addition to Permit # \_\_\_\_\_"

Re-Inspection (no base fee)	\$25.00
-----------------------------	---------

Violation correction (no base fee)	\$25.00
------------------------------------	---------

Rough Inspection	\$10.00
------------------	---------

Miscellaneous	\$5.00
---------------	--------

Double Permit Fee  
Shall be charged for failure to obtain a permit

Refunds  
Base permit fee shall be retained from the total permit fee if work has not been started

**CODE OF ORDINANCES**  
**REFRIGERATION CODE**  
Reference to Ordinance #5-158

**BASE PERMIT FEE**

A base permit fee of \$30 shall be charged on every permit with the exception of a re-inspection fee, an addition to an original permit, information permit, certificate of occupancy or hourly rates.

Installation, Alteration or Replacement fees:

Air conditioning units, heat pumps, refrigeration systems and/or compressors active by motors/engines

Up to 5 hp, each	\$25.00
Over 5 hp to 50 hp, each	\$30.00
Over 50 hp, each	\$35.00

**Additional Equipment Installed & Inspected**

But not included in "open" original permit within six (6) months of original permit issue date. Permit application must be marked "Addition to Permit # \_\_\_\_\_"

Re-Inspection (no base fee)	\$25.00
Violation correction (no base fee)	\$25.00
Rough Inspection	\$10.00
Miscellaneous	\$5.00

Double Permit Fee  
Shall be charged for failure to obtain a permit

Refunds  
Base permit fee shall be retained from the total permit fee if work has not been started

CITY OF HARPER WOODS  
BUILDING DEPARTMENT  
19617 HARPER AVENUE  
HARPER WOODS, MI 48225

Phone: 313-343- 2526

E-mail: [building@harperwoodsmi.net](mailto:building@harperwoodsmi.net)

CITY OF HARPER WOODS  
 CODE OF ORDINANCES  
 BOCA PLUMBING CODE  
 Reference to Section 5-13

BASE PERMIT FEE \$30.00

A base permit fee of \$30 shall be charged on every permit with the exception of a re-inspection fee, an addition to an original permit, information permit, and certificate of occupancy or hourly rates.

Installation, Alteration or Replacement fees:

Fixtures \$ 7.00 each

Back flow preventer	Miscellaneous/Special fixtures
Bathtub	Pool re-circulator
Beverage dispenser	Refrigeration unit (water cooled)
Bidet	Roof conductor
Carbonator	Shower trap/pan
Catch basin/Yard drain	Salad bar
Coffee maker Sink	
Dental chair Soda fountain, bar waste, refrig outlet	
Dishwasher Sprinkler system	
Drinking fountain Urinal	
Floor drain Vacuum/pressure vacuum breaker	
Garbage disposal Wall hydrant	
Hose bib Washing machine	
Ice machine Water closet (toilet)	
Inside drain Water trap or valve	

Relocate existing fixtures \$ 4.00 each

Water heater replacement \$10.00

Pump or water lift, roof sump, stacks \$10.00 each  
 vents (new or altered), air admittance  
 valves (AAV), sum or interceptor,  
 water treatment device

Sewers (Sewer installations between main line and buildings)

Lines not exceeding 6" in diameter	\$15.00
Lines not exceeding 8" in diameter	\$25.00
Lines not exceeding 10" in diameter	\$35.00
Lines not exceeding 12" in diameter	\$45.00
Lines not exceeding 14" in diameter	\$55.00
Lines not exceeding 16" in diameter	\$65.00
Lines not exceeding 18" in diameter	\$75.00
Lines over 18" in diameter	\$85.00

Manholes \$15.00

Drains (Storm drains underground/above ground to building sewer)

Lines not exceeding 6" in diameter	\$15.00
Lines not exceeding 8" in diameter	\$25.00
Lines not exceeding 10" in diameter	\$35.00
Lines not exceeding 12" in diameter	\$45.00
Lines not exceeding 14" in diameter	\$55.00

Lines not exceeding 16" in diameter	\$65.00
Lines not exceeding 18" in diameter	\$75.00
Lines over 18" in diameter	\$85.00

Repair of sewer/drain line \$12.00

Crock to Iron (building sewer to building drain connection)  
For each connection, when a new sewer and/or  
main drain is installed \$12.00

Water distribution systems

3/4"	\$20.00
1"	\$20.00
1 ¼"	\$25.00
1 ½"	\$30.00
2"	\$35.00
2 ½"	\$40.00
3"	\$45.00
4"	\$50.00
Exceeding 4"	\$55.00

Replacement of piping  
No increase in size, when made in  
conjunction with installation/replacement  
of fixtures \$15.00

Fees for alterations, enlargements and extensions shall be charged for each new branch or extension according to its size at its connection with an existing water distribution system, except that the total fees for water distribution piping shall not exceed \$\_\_\_\_\_ for one permit. However, if the cost of inspection services rendered exceeds the permit fee, the excess shall be charged at the hourly rate.

Laboratory tests

For the testing of materials, devices and various equipment not specifically listed herein, to cover the cost of service incidental to the laboratory testing involved, each man hour or fraction thereof (no base fee) \$35.00

Re-Inspection (no base fee) \$25.00

Violation correction (no base fee) \$25.00

Double permit fee  
Shall be charged for failure to obtain a permit

Refunds

Base permit fee shall be retained from the total permit fee if the work has not been started

CITY OF HARPER WOODS  
BUILDING DEPARTMENT  
19617 HARPER AVENUE  
HARPER WOODS, MI 48225

Phone: 313-343- 2526

E-mail: [building@harperwoodsmi.net](mailto:building@harperwoodsmi.net)