

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
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Sign connection only

Each sign provided inspection is made at the same time and same location	\$ 5.00
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Outline tubing (connection)

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

Each 25 lamps/tubs or fraction thereof	\$10.00
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- 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
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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
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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
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Outline tubing (tag inspection)

Neon tubing for signs, each 50ft or fraction	\$ 10.00
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Window signs (tag inspection)

Each sign (provided inspection is at same time/location)	\$ 10.00
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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
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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**

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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
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Humidifier	\$15.00
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Air Cleaner	\$10.00
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Gas Piping over 10 feet	\$5.00
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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
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Violation correction (no base fee)	\$25.00
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Rough Inspection	\$10.00
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Miscellaneous	\$5.00
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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

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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 vents (new or altered), air admittance valves (AAV), sum or interceptor, water treatment device **\$10.00 each**

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 1/4"	\$25.00
1 1/2"	\$30.00
2"	\$35.00
2 1/2"	\$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

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Refunds

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