



**Polk County Public Works**  
 5885 NE 14<sup>th</sup> Street  
 Des Moines, IA 50313  
 Phone: 515-286-3705  
 FAX: 515-286-3437  
 Email: [publicworks@polkcountyiowa.gov](mailto:publicworks@polkcountyiowa.gov)

Permit # \_\_\_\_\_

### Electrical Permit Application

Owner of the Job Site Property:	
Job Site Address:	
Parcel Number (If site has no address):	Name of License Holder:
Company Name:	State Contractor License Number & Expiration Date
Company Address (City, State, Zip)	State Master A or B License Number & Expiration Date
Phone Number:	Email:
Work being done on property and in what structure on property:	

**Permit Type (Please Check Appropriate Box)**

Commercial                      Residential

**Work Class (Please Check Appropriate Box)**

Additions/Alterations                      Meter Pedestal                      Sign                      Modifications of Service                      Solar  
 New Construction                      Pool/Spa Service                      Septic                      Temporary Power Pole

Circuits & Meters	Quantity	Fee Each	Total
Circuits: First 5 Circuits			
6 <sup>th</sup> – 10 <sup>th</sup> Circuits			
11 <sup>th</sup> – 100 <sup>th</sup> Circuits			
Each Circuit in Excess of 100 Circuits			
Meters: First Meter			
2 <sup>nd</sup> Meter			
Each Meter in Excess of 2			
<b>Fixed Appliances at \$8.50 Each (Enter the Number of Each Item Below)</b>			
Air Conditioner:		Dishwasher:	
Dryer:		Electrical Sign:	
Furnace:		Heat Pump:	
Range:		Unit Heater:	
Other:			
	Quantity	Fee Each	Total
Total Number of Fixed Appliances (Calculated from those listed above)			
Fixtures (Commercial only)			
Motors (Exclusive of circuits)			
		Subtotal	
		Basic Fee	
		<b>Total Fees</b>	

**The undersigned hereby makes application to perform work as described herein:**

I affirm the work described in this application is accurate and correct to the best of my knowledge and that **the aforementioned license holder is licensed** to perform electrical work.

I affirm the work described in this application is accurate and correct to the best of my knowledge and that **I am the owner** of this dwelling performing work on my existing home or accessory building.

**I understand work must commence within 180 days from the permit issuance date and be completed and inspected within one year from the issue date or this permit will be null and void.**

**I understand all work must be inspected and approved by Polk County prior to concealing any installation and I must call for the final inspection for the electrical permit.** I further understand that a Certificate of Compliance is required in accordance with applicable codes and ordinances.

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



## Electrical Panel / Service Update / Upgrade / Change-out

### Residential Service Update

- Service upgrade, update and/or change-out shall be done only by electrical contractors licensed by the State of Iowa
- Minimum 20 circuit 100 amp panel
- Two ground rods required - 6' apart and outside drip line of eave
- Water ground, if available, with jumper wire
- Any Federal Pacific panels must be replaced
- Two 20 amp circuits to kitchen
- One 20 amp circuit to laundry
- One 20 amp circuit to bathrooms

### General Update Requirements

- Screw type fuses shall be eliminated
- Any new receptacles added must be of the grounding type
- Existing non-grounded receptacles may be replaced with the same
- Fixtures in kitchen and bath(s) must be grounded
- Repair all exposed wiring and bring to code

### Ground Fault Circuit Interrupter Protections Requirements

- Kitchen receptacles
- Bathroom receptacles
- Unfinished basement receptacles
- Garage (attached and detached) receptacles

### Smoke Detector Update Requirements

*As of April 1, 2010, all smoke detectors added or replaced shall be dual sensing smoke detectors.*

- Smoke detectors shall be installed in every bedroom, in close proximity to bedrooms and on each floor level
- If existing wall and ceiling coverings are not removed then battery operated smoke detectors are okay
- If existing wall and ceiling coverings are removed, or new construction, then hard-wired smoke detectors are required

### Arc Fault Circuit Interrupter Requirement

- Bedroom addition(s) receptacles or receptacles in a room converted to bedroom shall be AFCI protected