

# TOWN OF DURHAM ELECTRICAL PERMIT APPLICATION

Property Location \_\_\_\_\_ Map \_\_\_\_\_ Lot \_\_\_\_\_ Date \_\_\_\_\_

Property Owner's Name \_\_\_\_\_

Property Owner's Email: \_\_\_\_\_

Electrician's Name \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Company Name & Address \_\_\_\_\_

\_\_\_\_\_ Email: \_\_\_\_\_

Master Electrician # \_\_\_\_\_ Exp Date \_\_\_\_\_ Building Permit # \_\_\_\_\_

**(Journeyman must have letter from Master Electrician to pull permits)**

**Use:** (check one) Residential \_\_\_ Business \_\_\_ Industrial \_\_\_ Other \_\_\_\_\_

**Wiring Method:** (check one) NM \_\_\_ AC \_\_\_ MC \_\_\_ Conduit \_\_\_ Other \_\_\_\_\_

**Type of Installation:** (check one) New \_\_\_ Addition \_\_\_ Alteration \_\_\_ Luminaire \_\_\_ Retrofit \_\_\_ Repair \_\_\_  
Other \_\_\_\_\_

Services, Panels, and/or Disconnects	Qty
100	
200	
400	
800	
1000	
1200	
1600	
Meters	
Motors	
Air Compressor/Condenser	
Electric Heat	
Heat Pump	
Pre-Mfgd/Temp Site Trlr	
Modular Homes	
Fire Pump	
Temp Service (\$10 fee)	
Illuminated Sign	
Above Ground Pool/Hot Tub	
In Ground Pool	

Devices	Qty
Receptacles	
Switches	
Motion Sensor	
Other	

Transformers	Qty
Up to 25 KVA	
25 KVA & Over	

Fixtures	Qty
Incandescent	
LED	
Fluorescent	
Neon	
Smoke Detector/CO <b>(See info on back)</b>	
Exit/Emergency Lts.	
Exh/Paddle Fan	

Equipment	Qty		Qty
Range/Cooktop		Washer	
Wall Oven		Dryer	
Microwave		Boiler Gas/Oil	
Dishwasher		Furnace Gas/Oil	
Disposal		A/C Unit	
HW Heater		Door Openers	
Refrigerator/Freezer		Sump Pump	

Generators & Transfer Switches	Qty
Up to 10 KVA	
10 KVA to 75 KVA	
Over 75 KVA	
Transfer Switches	

PV Solar System	Qty
Roof Mount	
Ground Mount	
Tracker System	
PV Panels	
Mounting Rail	
Inverters	
Disconnects	
Combiner Boxes	
Meters	

Estimated Cost of Construction: \$ \_\_\_\_\_

Fee Amount: \$ \_\_\_\_\_

Check # \_\_\_\_\_ Cash \_\_\_\_\_

Description of Work: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Signature of Permit Clerk

**Applicant certifies that all information given is correct and that he/she will comply with the current NEC Building Code and Energy Code along with any other applicable State or Town Ordinances.**

## **Smoke alarms shall be provided in dwelling units.**

### R314.2.2 Alterations, repairs and additions.

Where alterations, repairs or additions requiring a permit occur, or where one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be equipped with smoke alarms located as required for new dwellings.

Exceptions:

1. Work involving the exterior surfaces of dwellings, such as the replacement of roofing or siding, the addition or replacement of windows or doors, or the addition of a porch or deck, are exempt from the requirements of this section.
2. Installation, alteration or repairs of plumbing or mechanical systems are exempt from the requirements of this section.

### R314.3.1 Installation near cooking appliances.

Smoke alarms shall not be installed in the following locations unless this would prevent placement of a smoke alarm in a location required by Section R314.3.

1. Ionization smoke alarms shall not be installed less than 20 feet (6096 mm) horizontally from a permanently installed cooking appliance.
2. Ionization smoke alarms with an alarm-silencing switch shall not be installed less than 10 feet (3048 mm) horizontally from a permanently installed cooking appliance.
3. Photoelectric smoke alarms shall not be installed less than 6 feet (1828 mm) horizontally from a permanently installed cooking appliance.

### R314.4 Interconnection.

Where more than one smoke alarm is required to be installed within an individual dwelling unit in accordance with Section R314.3, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual dwelling unit. Physical interconnection of smoke alarms shall not be required where listed wireless alarms are installed and all alarms sound upon activation of one alarm.

Exception: Interconnection of smoke alarms in existing areas shall not be required where alterations or repairs do not result in removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available that could provide access for interconnection without the removal of interior finishes.

### R314.5 Combination alarms.

Combination smoke and carbon monoxide alarms shall be permitted to be used in lieu of smoke alarms.

### R314.6 Power source.

Smoke alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and, where primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.

Exceptions:

1. Smoke alarms shall be permitted to be battery operated where installed in buildings without commercial power.
2. Smoke alarms installed in accordance with Section R314.2.2 shall be permitted to be battery powered.