



# Township of Falls

188 Lincoln Highway, Fairless Hills, PA 19030  
[www.fallstwp.com](http://www.fallstwp.com) (215) 949-9000 Fax: (215)-949-9015

## ELECTRICAL PERMIT APPLICATION

MUST HAVE COST OF JOB COST: \$ \_\_\_\_\_

PROPERTY ADDRESS: \_\_\_\_\_  
 OWNER: \_\_\_\_\_ PHONE NO. \_\_\_\_\_  
 OWNER'S SIGNATURE: \_\_\_\_\_  
 CONTRACTOR'S NAME: \_\_\_\_\_ PHONE NO. \_\_\_\_\_  
 CONTRACTOR'S ADDRESS: \_\_\_\_\_  
 CONTRACTOR'S SIGNATURE: \_\_\_\_\_  
 PA LICENSE #: \_\_\_\_\_ FALLS TWP. LICENSE # \_\_\_\_\_

\*\*\*\*\* PERMITS ARE NON-TRANSFERABLE \*\*\*\*\*

ITEMS	NUMBER	FEE
EMERGENCY LIGHTS		
EXIT SIGNS		
FIXTURES		
PLUG RECEPTACLES		
SMOKE DETECTORS		
SWITCHES		
TOTAL OF ABOVE ITEMS		
A/C UNIT		
DISCONNECT		
DISHWASHER		
DRYER		
EXHAUST FAN		
GARBAGE DISPOSAL		
HEATER/ HEAT PUMP		
HOT WATER HEATER		
H.P. FIXTURES		
MOTORS KW/HP		
POLE LIGHTS		
ABOVE/INGROUND POOL BONDING		
POOL WIRING - POOLS/HOTTUBS		
RANGE		
SERVICE/PANEL SIZE		
SIGNS		
TEMPORARY SERVICE		
TRANSFORMER KVA		
WASHER		
OTHER		

CONTACT INFORMATION: NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_  
 ZIP: \_\_\_\_\_  
 PHONE: \_\_\_\_\_ FAX #: \_\_\_\_\_  
 EMAIL: \_\_\_\_\_

**MUST HAVE CONTACT INFORMATION**

Job Summary/ plan review (OFFICIAL USE ONLY)  
 APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 ZONING APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_  
 FIRE SPRINKER: YES \_\_\_ NO \_\_\_ USE GROUP: \_\_\_ CONSTRUCTION TYPE: \_\_\_  
 FLOOD ZONE: YES \_\_\_ NO \_\_\_

**WORKSHEET - NEC 2011, 220 PART IV**

Contractor		E-mail	
Phone		Fax	
Job Name		Address	
Fuel		Nat Gas	Propane Diesel
Service Size			

Net Square Footage

GENERAL LOADS	Quantity (or Sq Ft)	Rating (Load) VA	Factor	Loads (VA)	Loads (kW) (VA/1,000)
General Lighting and General Use Receptacles @ 3 va / Sq ft		3 VA/Sq ft	100%	0	0
Small Appliance Circuits (20 Amp)	2	1500	100%	3000	3
Laundry Circuit	1	1500	100%	1500	1.5
<b>Fixed Appliances: (estimates only, verify with name plate data)</b>					
Sump Pump		500	100%	0	0
Freezer or Refrigerator		750	100%	0	0
Microwave		1500	100%	0	0
Disposal		500	100%	0	0
Dishwasher		1500	100%	0	0
Range		5000	100%	0	0
Wall Mounted Oven		5000	100%	0	0
Counter Mounted Cooking Surface		6000	100%	0	0
Water Heater		4500	100%	0	0
Clothes Dryer		5500	100%	0	0
Garage Door Opener		500	100%	0	0
Septic Grinder		750	100%	0	0
Well 1/2 HP		1200	100%	0	0
Well 3/4 HP		1750	100%	0	0
Well 1 HP		2350	100%	0	0
Oil or Gas Furnace		500	100%	0	0
UPS		500	100%	0	0
Other: (list by name plate data)					
Hot Tub		10000	100%	0	0
Sauna		5000	100%	0	0
Welder		2000	100%	0	0
Compressor		2000	100%	0	0
			100%	0	0
			100%	0	0
<b>TOTAL GENERAL LOADS</b>				<b>4500 VA</b>	<b>KW 4.5</b>

**HEAT AND A/C LOADS**

1. A/C Cooling (If multiple units enter all units)

1 Ton (verify name plate) (typical FLA 5)	1000	100%	0	0
2 Ton (verify name plate) (typical FLA 10)	2000	100%	0	0
3 Ton (verify name plate) (typical FLA 15)	3000	100%	0	0
4 Ton (verify name plate) (typical FLA 20)	4000	100%	0	0
5 Ton (verify name plate) (typical FLA 25)	0	5000	100%	0

2. Heat Pump (If multiple units enter all units)

Compressor (If not included as A/C above)		100%	0	0
Supplemental Electric Heat (= KW times 1000)	0	100%	0	0

3. Electric Heating (Typically @ 250 watts per foot, enter total feet)

<b>Total Feet</b> - Less than 4 separately controlled units	0	250	65%	0	0
<b>Total Feet</b> - 4 or more separately controlled units		250	40%	0	0
<b>TOTAL HEAT AND A/C LOADS</b>				0 VA	KW 0

**SUMMARY:**

General Loads			
1st 10 kW of General Loads	100%	10	KW
Remaining General Loads	40%	-2.2	KW
<b>CALCULATED GENERAL LOADS</b>		<b>7.8</b>	<b>KW</b>
HEAT - A/C LOADS		0	KW

<b>TOTAL CALCULATED LOAD</b>	<b>7.8</b>	<b>KW</b>
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MANAGED LOADS	
	Loads (kW) (VA/1,000)
	0
	0
	0
	0
	0
<b>TOTAL</b>	<b>0</b>

**WARNING!! VA OF ALL LOADS ARE ESTIMATES OF AVERAGE DEVICES, VERIFY ALL NAMEPLATE DATA!!!**

Any Questions Concerning the Use of This Spreadsheet Call  
 United Inspection Agency 215-542-9977