



BUILDING DEPARTMENT

27700 Hilliard Blvd. Phone 440.871.3300
Westlake, OH 44145 Fax 440.617.4144

COMMERCIAL GENERATOR APPLICATION REQUIREMENTS

1. Submit a Building permit application
2. Submit four sets of construction documents bearing the seal of the design professional primarily responsible for their preparation OBC 106.21
 - a. Submit a site plan locating all buildings on the property and showing the generator location with dimensions to adjacent structures and property lines OBC 106.1 (2)
 - b. Locate and detail a pad for the generator to set on
 - c. Locate and detail the natural gas supply piping to the generator location
 - d. Locate and detail the conduit and wiring from the generator into the building.
3. Submit a one-line diagram showing how the generator will be integrated into the electrical system and where in the building the electrical equipment is located. Submit details for system grounding and disconnect. OBC 106.1.1 (15), NEC 250.30
4. Submit product data for the automatic transfer switch and locate the ATS on the drawings OBC 106.1.1 (15)
5. Submit specifications for all electrical equipment, materials and installation
6. Submit specifications for all gas piping materials and installation
7. Submit specifications for concrete material and reinforcing for the generator pad
8. Submit an Electrical commercial permit application
9. A Plumbing Permit is required for gas line. Gas piping requires a minimum 3 pound pressure test with 15 pound or less gauge at the time of inspection

PERMIT FEES:

Building: Architect Plan Review


Electric: \$100.00 Base + \$25.00 Generator + \$3.75 BBS (3%)

Plumbing: \$100.00 Base + \$.02 / Linear Ft. of Gas Line + BBS (3%)

*BBS = Board of Building Standards – State of Ohio receives 3% of Permit Fee Charged

PLEASE ALLOW 3-4 WEEKS LEAD TIME FOR REVIEW

Note: ALL CONTRACTORS MUST BE REGISTERED IN THE CITY OF WESTLAKE

<p>PERMIT # _____</p> <p>GENERATOR PERMIT APPLICATION</p> <p>An on-site meeting is required BEFORE this Permit is issued!</p>	 <p>CITY OF WESTLAKE BUILDING DEPARTMENT 27700 HILLIARD BLVD. WESTLAKE, OHIO 44145 PHONE (440) 617-4105 FAX (440) 617-4144</p>	<p>OFFICE USE ONLY</p> <p>APPROVED BY: _____</p> <p>DATE APPROVED: _____</p> <p>DATE ISSUED: _____</p> <p>GENERATOR PERMITS are no charge ELECTRICAL & PLUMBING permits and fees are required GENERATOR MUST BE DRAWN ON A TOPO SHOWING LOCATION</p>
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The Westlake Building Department does not enforce deed restrictions, covenants, or subdivision regulations.

<p>NAME: _____</p> <p>ADDRESS: _____</p> <p>PHONE: _____</p> <p>APPLICATION DATE: _____</p> <p>COST OF GENERATOR: _____</p>	<p>CONTRACTOR/INSTALLER INFORMATION</p> <p>COMPANY NAME: _____</p> <p>REGISTRATION NUMBER: _____</p> <p>CONTACT PERSON: _____</p> <p>CONTACT PHONE: _____</p>
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Provide size & type of all wiring to ATS and new & existing panels

Is this a corner lot? Yes No (Circle one)

Location of Generator (in feet) from Side yard: _____

Location of Generator (in feet) from Rear Lot Line: _____

Location of Generator (in feet) from front building line: _____

KW of Generator Unit: _____

Is unit Air Cooled or Water Cooled? (Circle one)


Make & Model Number of Generator Unit: _____

Generator may be located in the side yard of a lot providing such unit shall be no closer than 20' from the front building line, 20' from the rear lot line, 10' from the side lot line and is not visible from the street on which the lot fronts, notwithstanding any provision herein, in the case of a corner lot, such unit shall not be located in either the front yard or the side yard facing the street (Ord. 2008-60 passed 2-19-09)

1. Follow 2019 Residential Code of Ohio
2. Follow 2017 National Electrical Code
3. Follow manufacturer installation instructions
4. Size of gas line is per 2019 RCO
5. Paint exposed metal gas line
6. 3# pressure test is required for gas line
7. Installation of a carbon monoxide detector is required (section 315.2)
8. Verify size of meter with gas supplier

Owner is responsible for checking with their homeowner's association for their rules and guidelines

*Revised 12-1-2021

PERMIT # _____ <h2 style="text-align: center;">COMMERCIAL ELECTRICAL PERMIT APPLICATION</h2> <h3 style="text-align: center;">SECTION 1357</h3>	 CITY OF WESTLAKE BUILDING DEPARTMENT 27700 HILLIARD BLVD. WESTLAKE, OHIO 44145 PHONE (440) 617-4105 FAX (440) 617-4144	BUILDING APPROVAL: _____ DATE APPROVED: _____ ELECTRICAL PERMIT FEES: Base Fee \$ 100.00 New or Addn. to Shell Single Tenant \$ 0.050 per Sq. Ft. Shell Multi. Tenant & Each Tenant \$ 0.025 per Sq. Ft. Fee based on above Sq. Ft. \$ _____ Per Device Fee when Applicable \$ _____ 3 % B.B.S FEE \$ _____ TOTAL PERMIT FEE : \$ _____
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Print ALL information in ink. Applicant to complete all parts. Incomplete applications will delay permit processing.
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PROPERTY/OWNER INFORMATION (REQUIRED INFORMATION) PROPERTY OWNER: _____ ADDRESS: _____ PHONE: _____ PROJECT NAME: _____ JOB ADDRESS: _____ UNIT # _____ APPLICATION DATE: _____	CONTRACTOR INFORMATION COMPANY NAME: _____ REGISTRATION NUMBER: _____ CONTACT PERSON: _____ CONTACT PHONE: _____ CELL PHONE: _____ <p style="text-align: center; font-size: small;">NOTICE TO CONTRACTORS: FAILURE TO CALL FOR INSPECTIONS MAY RESULT IN LOSS OF REGISTRATION.</p>
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Existing Building? _____ Existing Service Size _____ Ampacity of New Load _____ Is New Service Required? _____
 Describe work to be performed, i.e., Panel change, adding lighting or receptacles (Qty): _____

FOR COMMERCIAL WIRING WITHOUT APPROVED ELECTRICAL PLANS CONTINUE WITH CALCULATIONS

LIGHTING LOADS 220.12

- (1) General Lighting Load _____ Square foot X _____ va = _____ va
- (2) General Lighting Demand Table 220.42 _____
- (3) Outside lighting loads 220-14 F ; Quantity _____ X _____ va = _____ va X _____ % = _____ va
- (4) Sign Lighting Loads 220-14 F, FPN: 600-5 A . Quantity _____ X _____ va = _____ va X _____ % = _____ va
- (5) **ADD LINE 1, 2, 3,4 LIGHTING LOADS = _____ VA**

RECEPTACLE LOADS 220-14 L :

- (6) Quantity _____ X 180 va = _____ va
- (7) Apply Demand Factor- Table 220.44 - Subtract 10,000 va From Line 5 = _____ va
- (8) **Total From Line 6 _____ va X 50 % _____ va**
- (9) **ADD LINE 7 _____ + 10,000 va = _____ VA**

HEATING / AIR CONDITIONING LOADS 220-18 A

- (10) Quantity _____, Combine All units in VA _____ X 100% = _____ va

MOTOR LOADS 220-14 C

- (11) _____ = _____ Amps X _____ % X _____ Volts X 1.73 = _____ va
- (12) **ADD LINES 5, 9, 10, 11 _____ X 125% = _____ TOTAL VA (PHASES)**

FOR SINGLE PHASE:

- (13) Convert TOTAL VA to AMPERES: **TOTAL VA (LINE 12)**
 Volt _____ TOTAL LOAD IN AMPARES = * _____ AMPS

FOR THREE PHASE:

- (14) Convert TOTAL VA to AMPERES: **TOTAL VA (LINE 12)**
 Volt X 1.73 _____ TOTAL LOAD IN AMPARES = * _____ AMPS

* **IF OVER 200 Amps:** Take the First 200 Amps X 100% = 200 Amps

- (15) Subtract 200 AMPS From Line 13 or 14 = _____ X 70 % = _____
- (16) **First 200 AMPS PLUS LINE 15 = _____ TOTAL AMPS**

PHASE CONDUCTOR SIZE & TYPE _____ NEUTRAL CONDUCTOR SIZE _____ SERVICE SIZE _____

(SIGN) _____ DATE _____ EMAIL: _____

PERMIT # _____

PLUMBING PERMIT APPLICATION

Codified Ordinance 1315.05



**CITY OF WESTLAKE
BUILDING DEPARTMENT
27700 HILLIARD BLVD.
WESTLAKE, OHIO 44145
PHONE (440) 617-4105
FAX (440) 617-4144**

DATE: _____

**CO DETECTOR IS REQUIRED
FOR ALL FUEL FIRED
APPLIANCES PER RCO**

INSTALLATION LOCATION

CUSTOMER'S NAME: _____

ADDRESS: _____

UNIT #: _____

PHONE NUMBER: _____

CONTRACTOR INFORMATION

COMPANY NAME: _____

EMAIL: _____

PHONE: _____

CONTACT: _____

ADDITIONS/REMODELS/NEW CONSTRUCTION: PLEASE CALL FOR PERMIT FEE

BASE FEE	\$ 50.00 RESIDENTIAL \$100.00 COMMERCIAL	
BATHTUB	\$ 1.00 EACH	
DISHWASHER	\$ 1.00 EACH	
DISPOSAL	\$ 1.00 EACH	
DRAINS - FLOOR	\$ 1.00 EACH	
HOT WATER HEATER	\$ 5.00 EACH	
LAUNDRY TRAY	\$ 1.00 EACH	
SEWER	\$.10 PER FOOT	
SHOWER	\$ 1.00 EACH	
SINK	\$ 1.00 EACH	
SUMP PUMP	\$ 5.00 EACH	
TOILET	\$ 1.00 EACH	
U/G GAS, WATER, HYDRAULIC LINES	\$.02 PER FOOT	
Minor OBC Permit	\$ 50.00	
B.B.S.	1% RESIDENTIAL 3% COMMERCIAL	

TOTAL PERMIT FEE

**NOTE: ANY EXTERIOR SANITARY/STORM LINE REPAIRS OR INSTALLATIONS
NEED ENGINEERING DEPARTMENT PERMIT (440)617-4145**