

# Village of Bethalto Building and Zoning Commercial Electrical Permit

Date of Issuance:  
Permit E17-

## Project Information/Location

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Phone: \_\_\_\_\_  
Power Co: \_\_\_\_\_

## Contractor Information

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Service Type: Overhead

Underground

Size: \_\_\_\_\_

Description of work: New Temporary Alteration Replacement Re-wiring Generator

## General Information

- All work shall be done in accordance with the adopted version of the Village of Bethalto Electrical Code
- All work shall be done in a neat and workman like manner
- All electrical service shall be grounded by means of a copper ground rod min 8ft by 5/8<sup>th</sup>
- Grounding bridge is required
- No water pipe grounds are permitted to be used as a ground
- All electrical service must use galvanized rigid steel conduit
  - All underground services shall be rigid galvanized steel
  - PVC is allowed below grade
- All electrical circuits are to be a minimum of #12 gauge copper, and grounds are required
- **All new and service upgrades must have an outside disconnect**
- All exterior exposed conduit must be galvanized rigid steel
- #14 gauge is prohibited
- No MC Cable is permitted
- Aluminum wire is not allowed
- All commercial buildings must be encased in EMT conduit.

The Village of Bethalto requires inspections to be conducted during construction projects. The permit holder and or contractor is responsible for calling and scheduling inspections. The inspections identified below are the minimum inspections the Village requires for electrical work. The Building and Zoning Administrator and or the Electrical Inspector for the Village may require additional inspections depending on the project size and scope of work being conducted. This permit must be posted in a conspicuous location at the residence visible from the street.

To schedule inspections please call Tim Henson at 618-920-3515, 24 hour notice is required for scheduling Inspections, he is only available after 3:30pm. If you get no answer please call Village Hall at 618-377-7697 and someone will return your call as soon as they can.

## MINIMUM REQUIRED INSPECTIONS

- ✓ **ROUGH WIRING INSPECTION:** After the wiring is in place, but before it is covered with insulation or dry wall an inspection must be completed. All wiring must be in place.

Date of Inspection: \_\_\_\_\_ Inspector initials: \_\_\_\_\_

- ✓ **SERVICE CONNECTION:** When the service is completed and ready to be hooked up by the power company

Date of Inspection: \_\_\_\_\_ Inspectors Initials: \_\_\_\_\_

- ✓ **FINAL:** When the complete project is finished, a final inspection must be conducted.

Date of Inspection: \_\_\_\_\_ Inspectors Initials: \_\_\_\_\_