

City of Crystal Lake

Community Development Department

100 W. Woodstock Street
Crystal Lake, IL 60014
www.crystallake.org



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RESIDENTIAL GENERATOR SUBMITTAL CHECKLIST

Please provide the following information when applying for a permit:

- [Building Permit Application](#)
Applications are available at City Hall or online at the City's website, www.crystallake.org.
- Two copies of a current Plat of Survey showing location of generator, transfer switch, raceway(s), fuel/gas piping with distances to existing buildings and property lines (see clearances in owner's manual). Verify generator not located in front of gas meter, electric meter, or within 10 feet of an opening into the building.
- Copy of the manufacturer's installation instructions and specifications with brand, model number and KW-output of generator.
- Copy of the transfer switch manufacturer's installation instructions and specifications with brand and model number.
- Slab drawing: Show size, depth and location. Specify generator anchor details.
- Riser Drawing: Provide a complete electrical riser drawing including service size, panel(s), transfer switch, disconnect, equipment grounding, etc. Show all wire, conduit, breaker sizes, and equipment sizes/ratings.
- Gas Piping Diagram: Size of proposed new gas line to generator including material and location, the gas shut off valve, the union, sediment trap, and BTU output.
- Generator noise requirements are subject to the Noise Ordinance found in Section 358-6 of the City Code.

Inspections:

Please schedule all inspections by 4:00 P.M. the day before the inspection.

The following inspections are needed for a generator:

- Underground electrical and gas piping (if applicable)
- Final Inspection-Electrical Panel cover, Transfer Switch cover, and Generator cover to be removed by qualified personnel at time of inspection.

The following items are needed when requesting an inspection:

- Inspection type
- Address
- Date and time (am or pm)
- Permit number.
- Name and telephone number of homeowner/contractor requesting inspection

Please note that the information provided in this handout is general in nature. If you have specific questions or need additional information, please contact a Community Development Department representative at (815) 356-3605 or building@crystallake.org.