



COUNTY OF RIVERSIDE BUILDING AND SAFETY DEPARTMENT

Sam Shahrouri
Deputy Director of TLMA
Building Official

Temporary Generator Requirements

A temporary generator permit is required to ensure electrical installation meets minimum safety requirements of the National Electrical Code for the temporary installation of electrical generators. Fuel storage separate from the generator requires separate review and approval by the Riverside County Fire Department.

Submittal Requirements:

In order to obtain a Temporary Generator Permit, you will need to complete a Riverside County Permit Application (Form 284-500). **Please be sure to write "Temporary Generator Installation" in the permit description box.** Submit Permit Application through PLUS Online. Along with the application, Copy of a site plan and electrical plan showing the items listed below. The items listed are required to be included with the submittal package. Be sure to include notes listed below on the plans.

Your Temporary Generator Permit application will be reviewed within five working days. If corrections are necessary, additional reviews will also be conducted within five working days. **Permit will be valid for 180 days from date of issuance.**

- Verification/Approval for generator from AQMD:
*Portable Equipment Registration Program (PERP) Call AQMD's PERP
Hotline: (877) 810 - 6995
<http://www.aqmd.gov/home/permits/equipment-registration/perp>*

Plan Requirements:

A. A site plan showing the location of the temporary generator and the following:

- 1. Location of the generator and dimensions from the generator to adjacent property lines, buildings, and other structures (minimum 10 ft.).
- 2. Emergency vehicle access drive locations.
- 3. Location and detail of vehicle impact protection, such as posts/bollards.
- 4. Location of proposed security or screening fencing and material type.

B. Provide details of the temporary generator including:

- 1. Size (kW and voltage)
- 2. Fuel type and quantity (generator specifications)
- 3. Fuel tanks for temporary generator shall be listed and be of double-wall construction or otherwise provided with secondary containment; provide manufacture's specification sheets.
- 4. Venting details including pipe location, diameter, and height for normal and emergency vents.
- 5. The noise (dB) rating of the generator.

C. Electrical plans prepared by a California licensed Electrical Contractor or Electrical Engineer that include:

- 1. A single line diagram showing transfer of loads to the temporary generator.
- 2. Load calculations demonstrating that generator size is sufficient for the load to be served.
- 3. If applicable, transfer switch method (automatic or manual) and details (voltage, amperage, and number of poles). Note that transfer switch shall be listed by UL or other approved testing agency.
- 4. Conductor and overcurrent protection type and size.
- 5. Method of providing physical protection for conductors and note whether conductors are in conduit and above or below grades. (Must be approved for location)
- 6. Grounding method and sizing.

D. Provide the following notes on the plans:

- 1. This permit is valid only for a temporary generator providing electrical power to non-emergency systems not required by State codes.
- 2. Applicable hazardous material signs shall be provided at the generator location.
- 3. A fire extinguisher (Type 20BC) shall be provided at the generator location.

Inspections Required:

After obtaining a Temporary Generator Permit, final inspection approval is required. Schedule inspection 24 hours in advance by calling (951) 955-1800.

Note:

- **At the time of generator final inspection, temporary power poles should have been removed from model home lots.**
- **Models cannot be energized and/or opened until the Generator has been inspected and models approved for public access.**