



## Startup and Registration Form for Telecommunications Generator

Generator Warranty Administration, MS 072  
Kohler Co., Kohler, Wisconsin 53044  
Phone 920-565-3381 Fax 920-803-4977  
For sales and service in US & Canada, phone 1-800-544-2444

Startup Date \_\_\_\_\_

Follow the installation checklist and startup procedure on the back of this form for generators installed in remote communications cabinets. Then complete and sign this form.

This form is important for coverage under the Kohler limited warranty and must be properly filled out at time of initial startup. The distributor and owner must sign the notification form. Return copy of completed form to factory at above address within 30 days of startup date.

### Distributor

|              |         |                 |  |
|--------------|---------|-----------------|--|
| Distributor: |         | Contact Person: |  |
| Phone No:    | Fax No: | E-Mail Address: |  |

### Owner

|                        |         |                 |              |
|------------------------|---------|-----------------|--------------|
| Owner or Company Name: |         | Contact Person: |              |
| Address:               |         |                 |              |
| City:                  |         | State:          | ZIP/Country: |
| Phone No:              | Fax No: | E-Mail Address: |              |

### Generator Information

|           |          |             |
|-----------|----------|-------------|
| Model No: | Spec No: | Serial No.: |
|-----------|----------|-------------|

### Controller/Power Conditioner Information

|           |          |             |
|-----------|----------|-------------|
| Model No: | Spec No: | Serial No.: |
|-----------|----------|-------------|

### Installation

|                              |         |                 |
|------------------------------|---------|-----------------|
| Installed By (Company Name): |         | Contact Person: |
| Address:                     |         |                 |
| Phone No:                    | Fax No: | E-Mail Address: |
| Comments:                    |         |                 |

### Unit Location

|                                                                  |        |              |
|------------------------------------------------------------------|--------|--------------|
| Street Address:                                                  |        |              |
| City:                                                            | State: | ZIP/Country: |
| Unit Location Name or Other Identification (Special Directions): |        |              |

Number of Miles from Nearest Distributor: \_\_\_\_\_

|                                               |                                    |       |
|-----------------------------------------------|------------------------------------|-------|
| Owner Representative Name (print or type)     | Owner Representative Signature     | Date: |
| Installer Representative Name (print or type) | Installer Representative Signature | Date: |

## Installation Checklist

**Make the following installation checks before initial startup:**

**Note: Use this form as a general guide, along with reference to any applicable codes or standards. Comply with applicable codes and standards when installing the generator set.**

- ☐ 1. Adequate and dedicated fuel supply. Adequate gas pressure 4-6 oz./square inch (7-11 inches of water column) to inlet of gas solenoid valve or at cabinet inlet. Pressure must be in this range when the unit is not operating and when it is operating at full load.
- ☐ 2. Flexible fuel lines installed between engine and fuel system.
- ☐ 3. Exhaust system outlet located to prevent entry of exhaust gases into any nearby buildings, structures, or other inhabited structures.
- ☐ 4. Fuses installed and functional. Units previously installed may have battery disconnected, battery charger fuses removed, and/or controller power fuses removed. Reinstall as necessary.
- ☐ 5. Battery
  - ☐ Battery of specified size and voltage.
  - ☐ Battery mounted according to specifications with adequate ventilation.
  - ☐ Starting cables connected to battery.
  - ☐ Battery cables not routed over any sharp edges that might cause chafing.
  - ☐ Battery filled with electrolyte and connected to charger.
  - ☐ Battery charger operational.
- ☐ 6. Generator load conductors routed according to specifications and connected to power conditioner.
- ☐ 7. Specified level of oil in crankcase.
- ☐ 8. Fuel tanks and piping installed in accordance with applicable codes and standards.
- ☐ 9. All other wiring, including customer-added options, connected securely to correct connection points.
- ☐ 10. If owner representative concurs, proceed to startup procedure.

**Note: Improper installation will void warranty.**

## Startup Procedure

**Note: Complete the installation checklist above prior to beginning this procedure.**

- ☐ 1. Master switch in OFF/RESET position. Observe unlit system ready LED.
- ☐ 2. Open generator breaker in power conditioner.
- ☐ 3. Open fuel valve. Check gas pressure prior to startup of generator set. Bleed fuel system, if necessary. Installations with lengthy fuel piping may require bleeding of the fuel system.
- ☐ 4. Connect load bank for testing. Connect to power conditioner DC output.
- ☐ 5. Press lamp test button. Observe that all LEDs on power conditioner illuminate.
- ☐ 6. Move master switch to RUN. Allow engine to start and run for several seconds.
- ☐ 7. Move master switch to OFF/RESET position to verify immediate shutdown.
- ☐ 8. Restart unit. Examine for oil and exhaust leaks.
- ☐ 9. Check start battery charge voltage for charging indication of 13.7 volts or higher.
- ☐ 10. Allow engine to warm up for 1-3 minutes.
- ☐ 11. Press and hold charge switch for approximately 20 seconds.
- ☐ 12. Close generator circuit breaker. Start and run generator on load bank at varying loads to ensure acceptable operation.
- ☐ 13. Check gas pressure at inlet to gas solenoid valve during full-load operation of generator set to verify that it remains within acceptable (7-11 inches water column) operating range.
- ☐ 14. Stop generator set. Restart generator set to verify that it will restart.
- ☐ 15. Check generator voltage at test jacks on front of power conditioner. It should be within 2% of voltage listed on generator nameplate. After load test, shut down generator set by placing the master switch in OFF/RESET position.
- ☐ 16. Simulate generator remote start, observing four-minute time delay engine start.
- ☐ 17. Instruct the customer in operation and maintenance of emergency generator system.
- ☐ 18. Turn master switch to OFF/RESET position to reset controller. Turn off fuel to cabinet. Crank generator set, and observe low-fuel light on power conditioner. Reopen fuel valve. Start generator set with a local or remote start command.
- ☐ 19. Make sure all wire connections from generator to load and connections to other accessories are tight and secure.
- ☐ 20. Check to be certain that 120-volt AC power is provided to the power conditioner. This voltage is for the starting battery charger which maintains the charge of the start battery. If AC power is not present, disconnect start battery negative lead or remove controller fuse. This will deactivate the control system which is normally active in order to prevent battery discharge.
- ☐ 21. Complete this startup and registration notification form now and send a copy to the Kohler Co. Generator Service Department at address on front of this form.