

SERVICE BULLETIN

Original Issue Date: **12/07**

Model: **Generator Sets**

Market: **Industrial and Residential**

Subject: **Application of Industrial, Residential, and Light Commercial Generator Sets in Standby and Non-Standby Applications**

Introduction

Kohler Co. has seen a number of cases of misapplication of standby generator sets in non-standby applications.

It is very important that generator sets be utilized properly for the application. Generator sets rated for standby applications are not designed or approved by Kohler Co. for non-standby applications. The utilization of generator sets in unapproved applications will immediately void the product warranty.

Use of standby-only rated generator sets in non-standby applications may be in violation of Environmental Protection Agency Laws. The U.S. Clean Air Act authorizes owner/operator fines for operation in violation of the generator set's certification.

Note the following **key points** when discussing your customer's requirements for their application prior to the sale of the product.

Ratings

Each generator set specification sheet is published with ratings data. Ratings data may include standby ratings, prime power ratings, and other generator set ratings. The ratings are used to define the maximum amount of power available in applications as well as limitations due to federal laws, engine manufacturer's horsepower output, and other factors. Technical Information Bulletin 101 (TIB-101) explains the generator set ratings and typical applications.

Standby Rating

The standby rating applies to installations served by a reliable utility source. **A standby-rated generator set must not be used in any application that is not a**

backup to a reliable utility source. Supplemental sources such as solar power do not qualify as a utility source.

Note: A non-standby warranty is offered with selected residential/light commercial generator sets. Models that list the non-standby warranty on the generator set specification sheet may be installed in locations that are not supplied by a reliable utility source.

Prime Power Rating

The prime power rating applies to applications where utility power is unavailable or unreliable. Typical prime power applications include emergency applications where frequent power outages occur, peak shaving and interruptible rate applications, backup for unreliable utility sources, or as a sole source when a reliable utility is unavailable. Models that list prime ratings on the generator set specification sheet may be installed in prime power applications.

Generator Set Application

Kohler Power Systems (KPS) ensures that all Kohler generator sets are certified to applicable standards for their intended application. It is the owner/operator's responsibility to operate Kohler generator sets exclusively according to the directions provided in the accompanying operation manuals.

Kohler generator sets designated as Stationary Standby, Emergency, or Emergency Standby may only be operated for emergency power generation and for maintenance/testing. Emergency power generation is limited to power production when electric power from a local utility is interrupted. Stationary non-emergency application of a Standby, Emergency, or Emergency Standby rated generator set is not allowed.

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The U.S. Clean Air Act explicitly prohibits using Emergency Standby generator sets as a primary electric power source regardless of whether a site is connected to the electrical grid. Emergency Standby generators may NOT be used to power sites which are not connected to an electric utility.

See Kohler Co. technical information bulletin TIB-101 for more information on generator set ratings for various applications.

Availability is subject to change without notice. Kohler Co. reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever. Contact your local Kohler® generator set distributor for availability.

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