

GLOBAL SAFEGUARD



Being separate from both the duty electrical pumps and the electrical grid, Global Pump's independent engine-driven pump gives you the peace of mind that if something goes wrong, it is ready to go! Standard Sound Attenuated units reduce noise emissions to no more than 68 dBa at 30' (9 m). Varying dBa levels are available to meet design requirements.

The Global SafeGuard backup system is ideally suited for municipal or industrial applications where provision for electrical power failure or duty equipment failure is necessary for essential pumping requirements.

Standby, or backup systems are a critical aspect of facility design in wastewater facilities ensuring that working pumps are available when they are needed.

In the past, standby generators have been installed to supply backup power to duty electrical pumps when electrical power is down. However, standby generator systems themselves can fail due to the very same events that knock out power from the electrical grid. An engine driven standby pumping system will be available in case of failure of the duty equipment, duty pump, switch gear or control panel. An engine driven standby system will also cover duty pump pipe failure up to its shut off valve.

FEATURES

By monitoring water level in the wet well, the engine driven standby pump will automatically start when needed whether as a result of electrical power interruption or equipment failure, and give continuous unattended performance.

The standby system offers a safer environment when performing routine maintenance on the duty equipment.

The standby pump will save you the cost of load testing a backup generator.

Large, lockable doors provide easy access to the interior for control, routine service and fueling while all individual panels and doors are removable to allow open access during major overhauls or maintenance.

The engine is equipped with a water-proof, micro-processor based controller designed specifically for standby pumping applications, to meet design requirements.

Mechanical seal with biodegradable glycol quench allows the pump to start and run dry.

OPTIONS

Engines can be diesel or natural gas as required

Units are available in open or enclosed configurations

Standby pumps can be supplied as permanently installed system

Modular trailer design for ease-of-relocation

Available in Venturi, diaphragm or vacuum pump priming systems