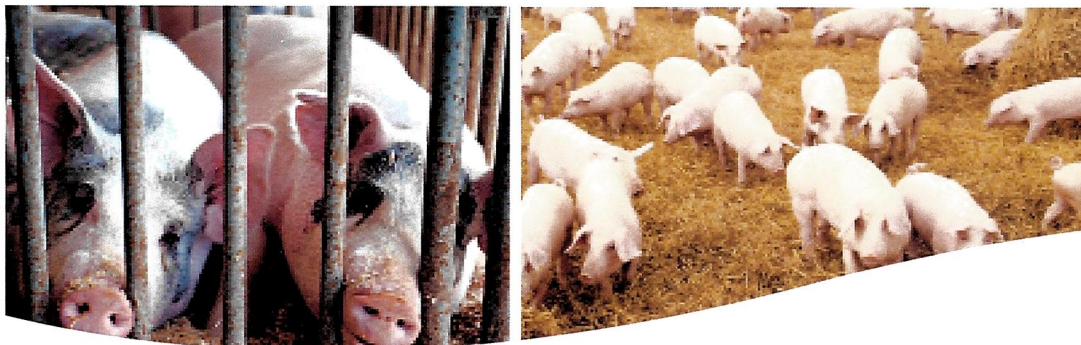


Equipment Breakdown from Grinnell Mutual Hog Confinement



Hog confinement farms are designed for raising hogs to predetermined weights. Traditional hog farms manage all phases of hog production from breeding to slaughter. Modern hog confinement farms specialize in one of three major life-cycle phases of production: farrow-to-wean, wean-to-feeder or feeder-to-finish. Production contracts with meat processors guarantee compensation for production levels. Most often, the hog farmer does not own the hogs; they simply raise them to a specific weight and return them to the processor.

Hog farms use many types of machinery and equipment for their operations. Electrical power, ventilation, and temperature control are vital to the success of a hog farm. They are used to manage dangerous gases which can lead to suffocation, and for removing excessive heat from hog barns which can affect the health and productivity of hogs. Loss of electrical service is considered the largest equipment hazard for these locations. Powered equipment is utilized for feeding operations, manure gas removal, and for the monitoring, control and activation of equipment to control hog living conditions. Electrical breakdown can lead to significant property damage and interruption of operations for days until repairs are made.

Typical Losses

An electrical arcing event occurred within the main curtain and controller supporting the hog confinement operation. Due to the extent of damage and availability of replacement parts, both the curtains and control panel were replaced.

Property Damage: \$11,230

The emergency generator's engine supporting the hog house mechanically seized. A replacement engine was located and installed.

Property Damage: \$7,600

Exposures

- Compressed Air Storage Tanks
- Heat Exchangers
- Boilers
- Water Heaters
- Auger Feed Systems
- Environmental Control Systems
- Feeding Apparatus
- Feed Mixers
- Gearbox
- Grain Dryers
- Electric Motors
- Computers
- Exhaust Fans

Loss Prevention Tip

An equipment technician should check the operation of critical equipment such as emergency generators and drop curtain sidewall systems.