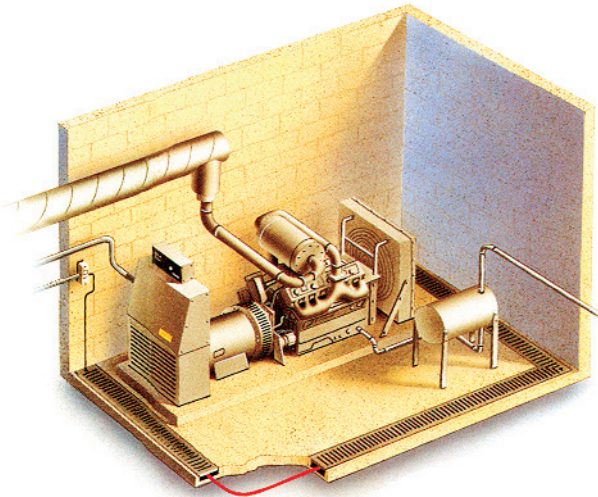




Mechanical & Electrical Equipment Rooms



Applications

Boiler Rooms
Electric Closets
Generator Rooms
Fire Pump Rooms
Switchgear Rooms
Transformer Vaults
Water Service Rooms
AC Equipment Rooms

System Designer Notes:

In this application, a small number of sensors are distributed over the coverage area. All sensors are connected in daisy chain fashion using low voltage, plenum-rated wiring. An alarm panel, which monitors the entire system, provides a common audio/visual alarm locally, and provides remote alarm contacts. To keep system costs to a minimum, individual alarms for each sensor are not provided, nor are they generally necessary for small areas of coverage.

Most equipment rooms have unfinished concrete floors, and are often subjected to condensation dripping from equipment or pipes, general dust and dirt, and construction debris such as metal cuttings from pipe or sheet metal work. In better installations, the floors are drained and/or waterproofed. Water is often present due to maintenance or repair, or due to periodic mopping or other cleaning procedures.

Installation Tips "From the Field"

Sensors used for this "dirty" environment should be low profile, probe type sensors with adjustable contact levels. All TraceTek sensor systems are "supervised". Some commonly used probes or detectors use integral alarm relays with a remote leak only indication panel. These units are not recommended, since problems with the probe wiring or internal components may not result in an alarm.

TraceTek high visibility yellow water detection probes are designed for mounting either on the floor or on the wall and extend only 1-1/2" above the mounting surface. The low profile design decreases the risk of damage due to normal installation, operation and maintenance of other wiring and equipment in the room.



Sensor cables provide more complete coverage; however will be more sensitive to the contaminants found in these "dirty" applications.

Please contact us for complete system specifications, Autocad details and design or installation assistance.