



Emergency **POWER SYSTEMS** Management

Preventive Maintenance Programs

AIR COOLED UNITS

Our Primary and Secondary Preventive Maintenance Program includes:

ENGINE

Lubrication System:

- Annual oil and filter change – *Primary only*
- Inspection for evidence of dilution/contamination
- Inspection for leaks
- Operating temperature
- Oil pressure check (*if possible*)

Fuel System:

- Fuel pressure check (*quantity, quality*)
- Inspection of all gas lines
- Governor inspection and lubrication
- Supply manifold inspection

Air/Cooling System:

- Exhaust pipe and flex inspection
- Clamp and bracket inspection
- Inspection of muffler

Electrical System:

- Starter, cable and connector inspection
- Starting battery float voltage and electrolyte level check
- Battery charger check for proper operation and output
- Starting battery voltage load test
- Starting battery age/condition diagnosis
- Electrical control and sensor wire inspection
- Ignition system inspection
- Spark plug replacement – *Primary only*

GENERATOR

Mechanical:

- Mounting bolt inspection and torque check
- Bearing inspection and lubrication (*if possible*)
- Mechanical connection inspection

Electrical:

- No load and full load voltage check (during load test)
- No load and full load frequency check – adjustment if necessary
- Electrical connection check – torque check/corrosion

Controls:

- Control panel wiring inspection
- Automatic and manual control operation check
- Generator and engine instrumentation check (when necessary)
- Relay and contactor inspection
- Fault indicator check and alarm operational check

Transfer Switch:

- Inspection for cleanliness and integrity
- Inspection for signs of overheating and wear
- Complete wiring inspection
- Lubrication of moving parts – when necessary
- Transfer test to verify system operation

A written report detailing any recommendations will be left on site upon completion of the service. **PM Technologies** offers a full line of Emergency Power System products and services.

Contact us today at **800-419-5199** or visit us at **www.pmtech.org** for more information.

DETROIT
29395 Wall Street
Wixom, MI 48393

GRAND RAPIDS
2385 Wilshere Dr.
Jenison, MI 49428