

HM CRAGG'S *PowerON* Planned Maintenance Program

Ensure peace-of-mind with a worry-free *PowerON* plan that includes:

- Multi-point inspections of all equipment, scheduled regularly 1, 2, 4 or 12 times per year included in our *PowerON* Bronze, Silver, Gold or Platinum service levels
- Once-per-year oil, oil filter and fuel filter changes
- Coolant testing and treatment
- EPA-approved disposal of used oil and filters
- Repair recommendations quoted
- Access to 24/7 emergency service
- Technical assistance and support when you need it
- And more depending on your *PowerON* plan level...



Pick the *PowerON* plan that meets your needs and budget...

	<i>PowerON</i> Bronze	<i>PowerON</i> Silver	<i>PowerON</i> Gold	<i>PowerON</i> Platinum
<i>What services are included:</i>	<i>Number of times each service performed yearly:</i>			
Total system pre-run checks	1x	2x	4x	12x
Multi-point running inspection	1x	2x	4x	12x
Battery inspection	1x	2x	4x	12x
Coolant level inspection	1x	2x	4x	12x
Enclosure and louver inspection	1x	2x	4x	12x
Engine systems inspection	1x	2x	4x	12x
Exhaust system inspection	1x	2x	4x	12x
Fuel level check	1x	2x	4x	12x
Oil level check	1x	2x	4x	12x
Transfer switch inspection and programming check	1x	2x	4x	12x
Wiring, terminal, and lug inspection	1x	2x	4x	12x
Electronic field service inspection reports	1x	2x	4x	12x
Charging system check	1x	2x	4x	4x
Cooling system test and inspection	1x	2x	4x	4x
Fuel system inspection	1x	2x	4x	4x
Safety shutdowns check	1x	2x	2x	2x
Infrared temperature readings on lugs	1x	2x	2x	2x
Phase rotation compatibility check	1x	2x	2x	2x
System load transfer test	1x	2x	2x	2x
Oil change	1x	1x	1x	1x
Oil filter change	1x	1x	1x	1x
Fuel filter change	1x	1x	1x	1x

We also offer additional manufacturer-recommended services *(quoted separately)*

LOAD BANKING

Manufacturer-recommended annually

Put generator under appropriate load and bring it up to rated temperature to test its performance and ensure it can handle required load and prevent "wet stacking." Load banking is required in NFPA standards where applicable to confirm that rated generator capacity can be achieved.

Work Scope:

- Bring load bank to site
- Connect to bus with cables
- Start generator
- Apply load to generator
- Run generator under load
- Monitor coolant temperature
- Monitor oil pressure, oil temperature, coolant temperature, exhaust temperature, and all major engine functions
- Remove load from generator
- Stop generator
- Remove cables from bus
- Provide field service report

OIL SAMPLING AND ANALYSIS

Manufacturer-recommended annually

Can give early warning of hidden mechanical problems by checking used oil for microscopic contaminants and metal particles.

Work Scope:

- Start generator
- Run engine to temperature
- Stop generator
- Remove oil sample
- Send sample to laboratory
- Obtain lab test report
- Provide field service report

FUEL SAMPLING AND ANALYSIS

Manufacturer-recommended annually

Diesel fuel cleanliness is one of the top reasons a generator fails to perform when needed. Bacteria can grow in diesel fuel, and other contaminants can enter the tank during fueling. Fuel analysis can give early warning of problems with stored fuel.

Work Scope:

- Remove fuel sample
- Send sample to laboratory
- Obtain lab test report
- Provide field service report

AIR FILTER CHANGE

Manufacturer-recommended every other year

Optimal airflow allows the proper fuel/air ratio to reach the engine and insure peak engine performance.

Work Scope:

- Clean around cowling
- Remove filter housing
- Remove air filter
- Install new air filter
- Install filter cowling
- Provide field service report

COOLING SYSTEM OVERHAUL AND FILL

Manufacturer-recommended every three years

Cooling system failure results in the loss of coolant and automatic generator shutdown. An overhaul replaces life limited components and coolant to increase reliability.

Work Scope:

- Drain coolant
- Remove all hoses/clamps
- Install new hoses/clamps
- Remove all heater hoses
- Install new heater hoses
- Remove thermostat
- Install new thermostat
- Fill w/ extended life coolant
- Pressure test
- Inspect for leaks
- Provide field service report



FUEL CONDITIONING

Manufacturer-recommended annually or per fuel analysis results

Diesel fuel cleanliness is one of the top reasons a generator fails to perform when needed. Fuel conditioning removes bacteria and other contaminants in diesel fuel. This insures high quality fuel is available when needed.

Work Scope:

- Pump fuel through debris filter
- Pump through 10 micron filter
- Pump through 5 micron filter
- Inspect fuel clarity
- Remove fuel filter(s)
- Install new fuel filter(s)

BATTERY REPLACEMENT

Manufacturer-recommended every three years

Battery failure is near the top of reasons that a generator fails to perform when called upon. Scheduled battery replacements are important to insure reliability.

Work Scope:

- Remove battery connections
- Remove existing battery
- Clean battery area
- Clean battery connections
- Place new battery
- No-Ox grease terminals
- Install battery cables
- Torque to specification
- Provide field service report

Why choose HM Cragg for your generator service...

AUTHORIZED GENERAC SERVICE PROVIDER

Best access to manufacturer training, expertise, and parts

ABILITY TO SERVICE ALL BRANDS

One-stop-shop for your generator fleet with technicians who are factory-trained to service ALL brands

EXPERIENCED FACTORY CERTIFIED TECHNICIANS

Reduce errors and provide maximum uptime

LONG-ESTABLISHED BUSINESS

We'll still be here when issues arise or service is needed

MODERN GPS-TRACKED VEHICLE FLEET

Fast dispatch for emergencies

EMPLOYEE-OWNED COMPANY

Technicians have a long-term, customer-first attitude



800.672.7244

info@hmcragg.com • www.hmcragg.com
7490 Bush Lake Road, Edina, MN 55439



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