



# LOAD BANK TESTING

Regular testing provides you with assurance and peace of mind that comes from knowing that your generator will operate as specified when you need it most, and for the duration of your requirement.

Resistive Load Bank testing confirms the ability of your generator to produce rated power and tests the following critical systems: cooling, lubrication, fuel, air, exhaust and electrical.

Reactive Load Bank testing tests all of the above plus confirms: operation of the generator at full kVA, voltage regulator response, switch gear and protective relay settings, and verify load sharing on multiple unit paralleled systems. Also suitable for installations with high motor loads.

## The benefits of load bank testing are:

- ✓ Exercising and confirming the cooling system
- ✓ Reseat engine piston rings in the cylinder liners and burn off carbon deposits in the combustion chamber, injector nozzles, piston rings, turbo charger and exhaust system
- ✓ Dissipate condensation build up on the generator copper windings
- ✓ Test engine and generator protective devices
- ✓ An integral part of a maintenance program to ensure CSA compliance

Recommended every 12 months for standby applications and every 36 months for load management applications (consist of a 2 hour test unless otherwise stated).

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## PLANNED MAINTENANCE & INSPECTION PROGRAM

PowerCare by Toromont is a comprehensive Planned Maintenance & Inspection Program, designed to reduce operating cost, prolong component life and increase the overall reliability of your equipment.

By partnering with Toromont Power Systems you will gain the tools and expertise needed for trusted Equipment Management Solutions, regardless of make, manufacturer or application.

As a Toromont Power Systems customer you are part of one of the most powerful total support networks in the world.

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