

Finding a Way to Provide Solutions
for Maintenance Professionals

EDE Motor Testing Services



Motor Testing Services and Support for Maintenance Departments





MOVE YOUR TESTING PROGRAM FORWARD

Motor & Generator Testing Services

Route based, application specific, acceptance testing



Expert Motor & Generator Testing on your Schedule

Electric Motor + Generator Test Service

Special types of electrical test equipment are necessary to properly test most varieties of electric motors and generators. Substantially different test and measurement methods are used for online monitoring vs. off-line testing situations. EDE can provide complete electrical testing for both scenarios with the EDE technology portfolio. To show our capacity for testing we have tested 108 AC motors at a large industrial facility, acceptance testing on a 2000 HP DC motor and a 6MW generator. We have worked for the aviation, power generation, public works, and many small manufacturers and business.

Testing Specifics

At EDE we work within your processes

to help provide expert testing support, report generation, results reviews along with second opinions on testing results from your technicians. We can assist in route based periodic testing with the help of staff electricians for lock-out/tag-out procedures and motor lead lifting and connection. We allow you to take the lead on all operations, because as the customer and owners of the motors/generators we follow your procedures. If safety courses are required on site or OSHA required for your facility, they will be attended and done prior to any work being done.



EDE Technology Portfolio

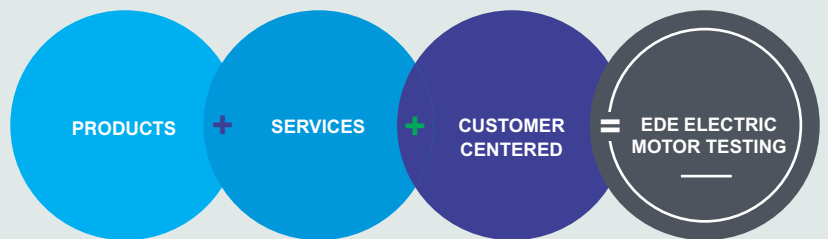
Technology capabilities to provide complete testing of electric motors and generators.

- EDE©CAL5000S - Determines reflective voltage spikes on shafts
- Schleich© Motor Analyzer 2 - Latest, state of the art offline motor analyzer
- Schleich© DMA (Dynamic Motor Analyzer) - Latest, state of the art online motor monitor
- If Required: Baker Instrument Company© Explorer II - Online motor monitor, AC motor performance, motor performance
- EDE© CAL5000 - Verify results while on-site testing
- AEMC Model 6527 Meg-Ohm Meter - High quality electric insulation resistance
- If Required: Baker Instrument Company© AWAIV-12HO - Offline technology for QC & PM service
- Current transformer set - Allows accurate measurement between .5 and 3300 amperes
- Tektronix TDS-2014B
- Tektronix P6015A - High voltage probe
- Hewlett Packard 5450A - Measurements of voltage vs. time (shaft voltage)
- Digital Multi-Meter
- Function Generator - Debug certain types of control circuits
- Fluke



- Cost effective repair services for electrical test equipment
- Repair avenue for equipment that are no longer supported by manufacturer
- Calibration services to maintain tester results integrity.
- Calibration certificates and stickers for your internal and customer audit requirements
- Rental equipment available for weekly rentals while test equipment here for repair/calibration





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