

# GENERATOR COMPLIANCE SOLUTIONS

Lawful use of emergency power systems – including diesel generators and supporting equipment – requires that the owner maintain them responsibly and test them periodically. National, state, regional, county, and local regulations dictate what an organization like yours needs to do to remain compliant.

While the rules governing your equipment depend upon use and the authorities having jurisdiction (AHJs) in your area, we have summarized key maintenance and safety requirements below for your convenience.

Requirements	CD & Power Solutions
<p><b>LOAD TESTS</b> Diesel-powered and spark-ignited generators must be exercised monthly with the available load and annually at higher loads as dictated in NFPA 110. Level 1 Emergency Power Supply Systems must be load tested for a 4 hour interval every 36 months per NFPA 110.</p>	<p><b>PREVENTATIVE MAINTENANCE</b> Regularly scheduled maintenance that includes load banking. We can also train your staff in safe operation for monthly exercising, or visit your site monthly to perform this task.</p>
<p><b>AUTOMATIC TRANSFER SWITCH (ATS) INSPECTION / TESTING</b> Transfer switches must be operated monthly and periodically cleaned and inspected for evidence of overheating or erosion per NFPA 110.</p>	<p><b>ATS INSPECTION &amp; TESTING</b> Annual inspection service includes checking connections, inspecting for overheating and erosion, removing dust &amp; dirt and replacing contacts if necessary.</p>
<p><b>RECORD KEEPING</b> Records for all EPSS inspections, operational tests, exercising, repairs and modifications must be maintained and individually listed per NFPA 110.</p>	<p><b>REMOTEGP MONITORING SYSTEM</b> Automated electronic record keeping using RemoteGP takes the work out of maintaining generator records.</p>
<p><b>SECONDARY EMERGENCY STOP SWITCH</b> All generators must be equipped with means to stop the prime mover. Generators with greater than 15 kW rating must have an additional shutdown means per NFPA 70.</p>	<p><b>SECONDARY REMOTE STOP SWITCH INSTALLATION</b> We install and configure a remote secondary stop switch that complies with regulations.</p>
<p><b>DIESEL FUEL TESTING</b> Fuel quality test will be performed at least annually per NFPA 110.</p>	<p><b>FUEL POLISHING</b> Degradation of diesel fuel negatively impacts performance. Fuel polishing increases lubricity and engine operation.</p>
<p><b>RUPTURE BASIN SENSOR TESTING</b> Annual Leak Detection Verification per California Fire Code (CFC) 5003 &amp; 5004.</p>	<p><b>RUPTURE BASIN SENSOR TESTING</b> Leak detection float sensors are removed and triggered manually to verify both audible and visual alarms</p>
<p><b>ABOVE GROUND STORAGE TANK INSPECTIONS</b> Your tank may or may not require inspection to be performed by a certified inspector (US EPA Spill Prevention Control and Countermeasure Act (SPCC) &amp; STI SP001).</p>	<p><b>TANK INSPECTION SERVICES</b> Our STI certified inspectors will perform monthly or annual tank inspections, as required, and provide you with a written assessment.</p>
<p><b>EMERGENCY POWER SOURCE EXIT LIGHTING</b> Exit signs shall be illuminated at all times and must remain illuminated for 90 minutes after loss of primary power. This should be tested annually per CFC 1011.</p>	<p><b>SYSTEM INSPECTIONS</b> Inspections include a simulated power failure and a complete examination of the system to ensure it meets the requirements.</p>



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