

Emergency Generator Safety Checklist

Suggested frequency for Standby - Quarterly

Entity:				Inspection Date: /201	
Name of Inspector:				Title:	
Tank Manufacturer:				Date of last E-JIF Inspection: / /201	
Year of tank manufacture if known:				Tank Capacity: Gallons	
Location Surveyed:				Generator Manufacturer:	
Type of fuel: Natural Gas <input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel Fuel <input type="checkbox"/> KVA Rating:					
Inspection Frequency: Quarterly (inspection schedule requires 4 tests: 3 no-load tests & 1 load test). Code Reference: NFPA 101, 110 If above 37 KV requires On-Line NJ Air Quality Check					
If own more than one, each is uniquely identified use a separate sheet for each					
#	Needs work	OK/ Yes	N/A	Item Write line # & comments on back for each needs work item	
Emergency generator units					
1.				Has the generator been tested "under load" within the past 30 days?	
2.				If outside is the unit enclosed by a fence with a locked gate?	
3.				Does the generator unit have a wire to an "Earth" ground (copper rod)	
4.				Exhaust stacks discharge to the outside or at least 10' above grade?	
5.				Does the exhaust manifold & stack have a heat shield (Burn Guard)?	
6.				Are there warning signs for the "hot" surfaces?	
7.				Are there guards around fan, fan belts and other moving parts?	
8.				Are their bollards or other suitable barriers for impact protection	
9.				Is a "Caution Auto start" sign visible as one approaches the unit?	
10.				If the unit is indoors is a "Noise Warning" sign posted at the entrance?	
11.				Does each emergency generator have at least a 24 hour fuel supply?	
12.				Is the battery charger operational?	
13.				Are the battery terminals covered with insulated covers? (NEW 2017)	
14.				Check the specific gravity of the battery. Is it > 1.215. If no charge it	
Fuel storage tank associated with above generator <input type="checkbox"/> Check here if tank is double walled					
15.				Is the tank integral to the generator unit?	
16.				If the tank is separate is it on a concrete pad?	
17.				Is the fuel tank secured to the pad or ground?	
18.				If the tank is on concrete is there a bare wire ground wire/rod in place?	
19.				Fill pipe provided with a spill container having a capacity of 5 gallons.	
20.				Does the "whistle vent" operate correctly?	
21.				On double wall tank emergency vents operational? (lift easily manually)	
22.				If the unit is outdoors and unfenced is the fill cap locked?	
23.				Is the fuel tank painted a light color to reduce loss due to evaporation?	
24.				Is the fuel name posted in minimum 2" letters on the tank?	
25.				Is the Diesel CAS # (68476-30-2) posted on the tank?	
26.				Is the NFPA 704 diamond visible from the roadway approaches?	
27.				Are the NFPA Coded Correct & legible? H/B = 0, F/R = 2, R/Y = 0	
28.				Does the location have a 20 BC fire extinguisher within 100 ft?	
29.				Is there a spill kit available nearby?	
30.				Are dike drain valves, if installed, locked in a closed position?	
31.				Is the generator registered/inventoried with the state of NJ & E-JIF	