|  |  |
| --- | --- |
| **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 □ Gasoline □ Diesel Fuel □ **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**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  | Has the generator been tested “under load” within the past 30 days? |
|  |  |  |  | If outside is the unit enclosed by a fence with a locked gate? |
|  |  |  |  | Does the generator unit have a wire to an “Earth” ground (copper rod) |
|  |  |  |  | Exhaust stacks discharge to the outside or at least **10‘**above grade? |
|  |  |  |  | Does the exhaust manifold & stack have a heat shield (Burn Guard)? |
|  |  |  |  | Are there warning signs for the “**hot**” surfaces? |
|  |  |  |  | Are there guards around fan, fan belts and other moving parts? |
|  |  |  |  | Are their bollards or other suitable barriers for impact protection |
|  |  |  |  | Is a “*Caution Auto start*” sign visible as one approaches the unit? |
|  |  |  |  | If the unit is indoors is a “*Noise Warning*” sign posted at the entrance? |
|  |  |  |  | Does each emergency generator have at least a 24 hour fuel supply? |
|  |  |  |  | Is the battery charger operational? |
|  |  |  |  | Are the battery terminals covered with insulated covers? (**NEW 2017**) |
|  |  |  |  | Check the specific gravity of the battery. Is it > 1.215. If no charge it |
| **Fuel storage tank associated with above generator Check here if tank is double walled** |
|  |  |  |  | Is the tank integral to the generator unit? |
|  |  |  |  | If the tank is separate is it on a concrete pad? |
|  |  |  |  | Is the fuel tank secured to the pad or ground? |
|  |  |  |  | If the tank is on concrete is there a bare wire ground wire/rod in place? |
|  |  |  |  | Fill pipe provided with a spill container having a capacity of **5** gallons. |
|  |  |  |  | Does the “whistle vent” operate correctly? |
|  |  |  |  | On double wall tank emergency vents operational? (lift easily manually) |
|  |  |  |  | If the unit is outdoors and unfenced is the fill cap locked? |
|  |  |  |  | Is the fuel tank painted a light color to reduce loss due to evaporation? |
|  |  |  |  | Is the fuel name posted in minimum 2” letters on the tank? |
|  |  |  |  | Is the Diesel CAS # (68476-30-2) posted on the tank? |
|  |  |  |  | Is the NFPA 704 diamond visible from the roadway approaches? |
|  |  |  |  | Are the NFPA Coded Correct & legible? H/B = 0, F/R = 2, R/Y = 0 |
|  |  |  |  | Does the location have a 20 BC fire extinguisher within 100 ft? |
|  |  |  |  | Is there a spill kit available nearby? |
|  |  |  |  | Are dike drain valves, if installed, locked in a closed position? |
|  |  |  |  | Is the generator registered/inventoried with the state of NJ & E-JIF |