

**EMERGENCY AND STANDBY POWER SYSTEMS**  
**INSTALLATION ACCEPTANCE**

Reference: 2002 Edition Emergency and Standby Power Systems  
National Fire Protection Association (NFPA 110) Section 7.13

Facility \_\_\_\_\_ City \_\_\_\_\_

**ON-SITE INSTALLATION TEST**

1.	With the prime mover in a “cold start” condition and the emergency load at standard operating level, a primary power failure shall be initiated by opening all switches or breakers supplying the primary power to the building or facility. The test load shall be that load that is served by the EPSS.	
2.	Was the time delay on starting observed and recorded?	<input type="checkbox"/> YES <input type="checkbox"/> NO ____ seconds
3.	Was the cranking time until the prime mover starts and runs observed and recorded?	<input type="checkbox"/> YES <input type="checkbox"/> NO ____ seconds
4.	Was the time required to reach operating speed observed and recorded?	<input type="checkbox"/> YES <input type="checkbox"/> NO ____ seconds
5.	What were the voltage and frequency overshoot.	____ voltage ____ frequency
6.	What was the time taken to achieve a steady-state condition with all switches transferred to the emergency position?	____ seconds
7.	What were the voltage, frequency, and amperes?	____ voltage ____ frequency ____ amperes
8.	What were the prime mover oil pressure and water temperature recorded, where applicable, and the battery charge rate recorded at 5 minute intervals for the first 15 minutes, and at 15 minute intervals thereafter?  10 minutes                      15 minutes ____ oil pressure              ____ oil pressure ____ water temperature      ____ water temperature ____ battery charge rate      ____ battery charge rate  45 minutes                      60 minutes ____ oil pressure              ____ oil pressure ____ water temperature      ____ water temperature ____ battery charge rate      ____ battery charge rate	5 minutes ____ oil pressure ____ water temperature ____ battery charge rate  30 minutes ____ oil pressure ____ water temperature ____ battery charge rate  1 hour – 15 minutes ____ oil pressure ____ water temperature ____ battery charge rate

