

CEPSS-HC Exam Weighted Criteria Table

The exam is based on the 2012 edition of *NFPA 99, Health Care Facilities Code*, the 2010 editions of *NFPA 110, Standard for Emergency and Standby Power Systems*, and *NFPA 111, Standard on Stored Electrical Energy Emergency and Standby Power Systems*. The following table indicates the approximate percentage (%) of exam content (exam items) for the seven (7) major domain areas and the sub-components of those domain areas*:

I.	Classification of Emergency Power Supply Systems (EPSSs)	11%
	A. NFPA 110	
	4.1 General	
	4.2 Class	
	4.3 Type	
	4.4 Level	
	B. NFPA 99	
	6.4.1.1.6 General	
	6.4.1.1.6.1	
	6.4.1.1.7 Uses for Essential Electrical System	
	6.4.2.2.1 General (Branches)	
	6.4.2.2.3 Life Safety Branch	
	6.4.2.2.4 Critical Branch	
	6.4.2.2.5 Equipment Branch	
II.	Classification of Stored-Energy Emergency Power Supply Systems (SEPSS)	5%
	A. NFPA 111	
	4.1 General	
	4.2 Type	
	4.3 Class	
	4.4 Category	
	4.5 Level	
III.	Emergency Power Supply (EPSS): Energy Sources, Converters, and Accessories	15%
	A. NFPA 110	
	5.1 Energy Sources	
	5.2 Energy Converters – General	
	5.3 Energy Converters – Temperature Maintenance	
	5.4 Energy Converters – Capacity	
	5.5 Energy Converters – Fuel Supply	
	5.6 Rotating Equipment	
IV.	Stored-Energy Emergency Power Supply (SEPSS): Energy Sources, Converters, Inverters, and Accessories	5%
	A. NFPA 111	
	5.1 Energy Sources	
	5.2 Energy Conversion Equipment – General	
	5.3 Instrumentation	

- V. Transfer Switch Equipment and Protection** **25%**
 - A. NFPA 110
 - 6.1 Transfer Switch Equipment
 - 6.2 ATS Features
 - 6.3 Load Switching (Load Shedding)
 - 6.4 Bypass-Isolation Switches
 - 6.5 Protection
 - B. NFPA 99
 - 6.4.3.2 Transfer Switches
- VI. Installation and Environmental Consideration** **14%**
 - A. NFPA 110
 - 7.2.1 Indoor EPS Installations
 - 7.2.2 Outdoor EPS Installations
 - 7.3 Lighting
 - 7.4 Mounting
 - 7.5 Vibration
 - 7.6 Noise
 - 7.7 Heating, Cooling, and Ventilating
 - 7.8 Installed EPS Cooling System
 - 7.9 Fuel System
 - 7.10 Exhaust System
 - 7.11 Protection
 - 7.12 Distribution
 - 7.13 Installation Acceptance
 - B. NFPA 99
 - 6.4.2.2.6 Wiring Requirements
 - 6.4.3.1 Source
- VII. Routine Maintenance and Operational Testing** **25%**
 - A. NFPA 110
 - 8.1 Routine Maintenance and Operational Testing - General
 - 8.2 Manuals, Special Tools, and Spare Parts
 - 8.3 Maintenance and Operational Testing
 - 8.4 Operational Inspection and Testing
 - 8.5 Records
 - B. NFPA 99
 - 6.4.4.1.1.1 Maintenance of Alternate Power Source
 - 6.4.4.1.1.2
 - 6.4.4.1.1.3
 - 6.4.4.1.1.4 Inspection and Testing
 - 6.4.4.1.2.1 Circuit Breakers
 - 6.4.4.1.3 Maintenance of Batteries
 - 6.4.4.2 Record Keeping

* Content may also be extracted from the corresponding reference material found in Annex A