| **STANDARD - EPs** | **Document / Requirement** | **Frequency** | **Deferment Recommendation****\*SOE = State of Emergency** | **CoP** | **K-Tag** |
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| **EC.02.03.05** | **Fire Protection and Suppression Testing and Inspection** |
| EP 1 | Supervisory Signals-including: Control valves; pressure supervisory; pressure tank, pressure supervisory for a dry pipe (both high and low conditions), steam pressure; water level supervisory signal initiating device; water temperature supervisory; and room temperature supervisory. | Quarterly | If tested in the previous 30 days prior to SOE, next test required within 60 days of lifting SOE.  | 482.41(d)(2) | K-345 |
| EP 2 | Water flow devices  | Semi-Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | K-353 |
| Tamper switches | Semi-Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | K-345 |
| EP 3 | Duct, heat, smoke detectors, and manual fire alarm boxes | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | K-345 |
| EP 4 | Notification devices (audible & visual), and door-releasing devices | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | K-345 |
| EP 5 | Emergency services notification transmission equipment | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | K-345 |
| EP 6 | Electric motor-driven fire pumps tested under no-flow conditions | Monthly | No deferment because the risk level\testing requirement is critical to patient safety | 482.41(d)(2)482.15(b)(1)(ii)(c) | K-353 |
| Diesel-engine-driven fire pumps tested under no-flow conditions | Weekly | No deferment because the risk level\testing requirement is critical to patient safety | 482.41(d)(2)482.15(b)(1)(ii)(c) | K-345 |
| EP 7 | Water storage tank high and low level alarms | Semi-Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2)482.15(b)(1)(ii)(c) | K-353 |
| EP 8 | Water storage tank low water temp alarms (cold weather only) | Monthly | No defer if done with inhouse staff, if outsourced, defer 60 days after lifting SOE | 482.41(d)(2)482.15(b)(1)(ii)(c) | K-353 |
| EP 9 | Sprinkler systems main drain tests on all risers | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2)482.15(b)(1)(ii)(c) | K-353 |
| EP 10 | Fire department connections inspected (Fire hose connections N/A) | Quarterly | If tested in the previous 30 days prior to SOE, next test required within 60 days of lifting SOE | 482.41(d)(2)482.15(b)(1)(ii)(c) | K-353 |
| EP 11 | Fire pump(s) tested – under flow | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2)482.15(b)(1)(ii)(c) | K-353 |
| EP 12 | Standpipe flow test every 5 years | 5 year | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | N/A |
| EP 13 | Kitchen suppression semi-annual testing | Semi-Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | N/A |
| EP 14 | Gaseous extinguishing systems inspected (no discharge req.) | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | N/A |
| EP 15 | Portable fire extinguishers inspected monthly | Monthly | No defer if done with inhouse staff, if outsourced, defer 60 days after lifting SOE | 482.41(d)(2) | K-355 |
| EP 16 | Portable fire extinguishers maintained annually | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | K-355 |
| EP 17 | Fire hoses hydro tested 5 years after install; every 3 years thereafter | 5/3 Year | If test was due during SOE, add 60-day grace period after lifting SOE | 482.41(d)(2) | N/AK-353 |
| EP 19 | Smoke and fire dampers tested to verify full closure | 1/6 Year |  | 482.41(d)(2) |  |
| EP 19 | Smoke detection shutdown devices for HVAC tested | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | N/AK-345 |
| EP 20 | All horizontal and vertical roller and slider doors tested | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | N/AK-224 |
| EP 25 | Inspection and testing of door assemblies by qualified person. Does not include nonrated doors, including corridor doors to patient care rooms and smoke barrier doors. | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2) | K-761 |
| EP 27 | Elevators with firefighters’ emergency operations | Monthly | No defer if done with inhouse staff, if outsourced, defer 60 days after lifting SOE | 482.41(d)(2) | K-531 |

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| **EC.02.05.07** | **Emergency Power Systems are Maintained and Tested** |  |  |  |
| EP 1 | At least monthly performs functional test of emergency lighting systems and exit signs required for egress and task lighting for a minimum duration of 30 seconds, along with a visual inspection of other exit signs | Monthly | Defer because of minimal criticality\risk, next test required within 60 days of lifting SOE | 482.15(e)(2) | K-918 |
| EP 2 | Every 12 months performs functional test of battery powered lights on the inventory required for egress and exit signs for a duration of 1 ½ hoursFor new construction, renovation, or modernization battery-powered lighting in locations where deep sedation and general anesthesia are administered is tested annually for 30 minutes with test results and completion dates documented | Annual | If test was due during SOE, add 60-day grace period after lifting SOE | 482.15(e)(2) | K-918 |
| EP 3 | Functional test of Level 1 SEPSS, monthly; Level 2 SEPSS, quarterly, for 5 minutes or as specified for its classAnnual test at full load for 60% of full duration of its class | MonthlyQuarterlyAnnual | M- Defer because of minimal criticality\risk, next test required within 60 days of lifting SOEQ- Defer because of minimal criticality\risk, next test required within 60 days of lifting SOE A- Defer because of minimal criticality\risk, next test required within 60 days of lifting SOE | 482.41(d)(2)482.15(e)(2)482.15(b)(1)(ii)(c) | K-918 |
| *Note 1: Non-SEPSS tested per manufacturer’s specifications* |  |  |  |  |
| *Note 2: Level 1 SEPSS defined for critical areas and equipment*  |  |  |  |  |
| *Note 3: Class defines minimum time which SEPSS is designed to operate at rated load without recharging* |  |  |  |
| EP 4 | Emergency power supply system (EPSS) inspected weekly, including all associated components and batteries  | Weekly | Defer because of minimal criticality\risk, next test required within 60 days of lifting SOE | 482.41(d)(2)482.15(e)(2) | K-918 |
| EP 5 | Emergency generators tested monthly for 30 continuous minutes under load (plus cool-down) | Monthly | No deferment | 482.41(d)(2)482.15(e)(2) | K-918 |
| EP 6 | Monthly load test for diesel-powered emergency generators conducted with dynamic load at least 30% of nameplate rating or meets mfr. Recommended prime movers’ exhaust gas temperature; **OR** | Monthly | No deferment | 482.41(d)(2)482.15(e)(2) | K-918 |
| Emergency generators tested once every 12 months using supplemental loads of 50% of nameplate rating for 30 minutes, followed by 75% of nameplate rating for 60 minutes for total of 1 ½ continuous hours  | Annual | If test was due during SOE, add 60-day grace period after lifting SOE. | 482.41(d)(2)482.15(e)(2) | K-918 |
| EP 7 | All automatic and manual transfer switches monthly/12 times per year with results and completion dates documented | Monthly | No deferment | 482.41(d)(2)482.15(e)(2) | K-918 |
| EP 8 | Fuel quality test to ASTM standards | Annual | If test was due during SOE, add 60-day grace period after lifting SOE | 482.15(e)(2) |  |
| EP 9 | Generator load test once every 36 months for 4 hours | 3 Year | If test was due during SOE, add 60-day grace period after lifting SOE | 482.41(d)(2)482.15(e)(2) | K-918 |
| EP 10 | Generator 4 hour test performed at, at least 30% nameplate | 3 Year |  If test was due during SOE, add 60-day grace period after lifting SOE | 482.41(d)(2)482.15(e)(2) | K-918 |

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| **EC.02.05.09** | **Medical Gas and Vacuum Systems are Inspected and Tested** |  |  |  |  |
| EP 7 | **Test, inspect and** maintain critical components of piped medical gas and vacuum systems, waste anesthetic gas disposal (WAGD), and support gas systems on the inventory. Inventory of critical components includes at least all source subsystems, control valves, alarms, manufactured assemblies containing patient gases, and inlets and outlets with activities, dates and results documented No prescribed frequency; recommend risk assessment if < annual | Per Organizational Policy | Dependent on HCO policy- If test was due during SOE, add 60-day grace period after lifting SOE | 482.41(d)(2) | K-907 |

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| **EC.02.03.03** | **Fire Drills** |  |  |  |  |
| EP 1 | Fire drills once per shift per quarter in health care occupancies; Quarterly in each building defined as ambulatory health care occupancy (If available, please provide five quarters of fire drill data) | Monthly\ Quarterly | Defer due to additional stress placed upon facility personnel  | 482.41(b)(1)(i) | K-712 |
| EP 2 | Fire drills every 12 months from date of last drill: Business Occupancies | Annual | Defer due to placing people in close proximity to others | 482.41(b)(5) | K-712 |

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| **EC.02.04.03** | **Medical equipment inspection, testing and maintenance** |  |  |  |
| EP 2 | All high-risk equipment.Note 1: High-risk equipment includes medical equipment for which there is a risk of serious injury or even death to a patient or staff member should it fail, which includes life-support equipment.Note 2: Required activities and associated frequencies for maintaining, inspecting, and testing of medical equipment completed in accordance with manufacturers’ recommendations must have a 100% completion rate.Note 3: Scheduled maintenance activities for high-risk medical equipment in an alternative equipment maintenance (AEM) program inventory must have a 100% completion rate. AEM frequency is determined by the hospital's AEM program. | Per OEM or AEM procedures | No deferment | 482.41(d)(2) | K-921 |
| EP 3 | Non-high-risk equipment identified on the medical equipment inventoryNote: Scheduled maintenance activities for non-high-risk medical equipment in an alternative equipment maintenance (AEM) program inventory must have a 100% completion rate. AEM frequency is determined by the hospital’s AEM program. | Per OEM or AEM procedures | If testing/inspection/maintenance was due during SOE, add 60-day grace period after lifting SOE | 482.26(b)(1)482.26(b)(2)482.41(d)(2) | K-921 |
| EP 4 | Conducts performance testing of and maintains all sterilizers | Per OEM or AEM procedures | No deferment | 482.41(d)(2) |  |
| EP 10 | All occupancies containing hyperbaric facilities comply with construction, equipment, administration, and maintenance requirements of NFPA 99-2012: Chapter 14. | Per OEM or AEM procedures | If testing/inspection/maintenance was due during SOE, add 60-day grace period after lifting SOE | 482.41(d)(2) | K-931 |
| EP16 | Qualified hospital staff inspect, test, and calibrate nuclear medicine equipment annually. The results and completion dates are documented. | Per OEM or AEM procedures | If testing/inspection/maintenance was due during SOE, add 60-day grace period after lifting SOE | 482.53(c)(2) | K-921 |
| EP 20, 21, 22, 23,24,25,34 | Non-high-risk equipment identified on the medical equipment inventoryNote: Scheduled maintenance activities for non-high-risk medical equipment in an alternative equipment maintenance (AEM) program inventory must have a 100% completion rate. AEM frequency is determined by the hospital’s AEM program. | Per OEM or AEM procedures | If testing/inspection/maintenance was due during SOE, add 60-day grace period after lifting SOE | N/A | K-921 |

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| **EC.02.05.01** | **Manages risks associated with utility systems** |  |  |  |
| EP 14 | Minimizes pathogenic biological agents in cooling towers, domestic hot- and cold-water systems, and other aerosolizing water systemsDeemed status requirement: Review the following policies, procedures and reports*:* * Facility risk assessment to identify where Legionella and other opportunistic waterborne pathogens could grow and spread in the facility water system
* Water management program that considers the ASHRAE industry standard and the CDC toolkit
* Testing protocols and acceptable ranges for control measures
* Documented results of testing
* Corrective actions taken when control limits are not maintained
 | Per Organizational Policy | If tested in the previous 30 days prior to SOE, next test required within 60 days of lifting SOE | 482.42 |  |
| EP 15 | In critical care areas designed to control airborne contaminants (such as biological agents, gases, fumes, dust), the ventilation system provides appropriate pressure relationships, air-exchange rates, filtration efficiencies, temperature and humidity.*(form of and frequency of assessment per hospital policy)*Note: For more information about areas designed for control of airborne contaminants, the basis for design compliance is the Guidelines for Design and Construction of Health Care Facilities, based on the edition used at the time of design (if available). | Per Organizational Policy | No deferment | 482.42 |  |

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| **EC.02.05.05** | **Utility system Inspection, testing and maintenance** |  |  |  |  |
| EP 4 | High-risk utility system components on the inventory with completion date and results of activities documentedNote 1: A high-risk utility system includes components for which there is a risk of serious injury or even death to a patient or staff member should it fail, which includes life-support equipment.Note 2: Required activities and associated frequencies for maintaining, inspecting, and testing of utility systems components completed in accordance with manufacturers’ recommendations must have a 100% completion rate.Note 3: Scheduled maintenance activities for high-risk utility systems components in an alternative equipment maintenance (AEM) program inventory must have a 100% completion rate. | Per OEM or AEM procedures | No deferment | 482.41(d)(2) | K-915K-921 |
| EP 5 | Infection control utility system components on the inventory with completion date and results of activities documentedNote 1: Required activities and associated frequencies for maintaining, inspecting, and testing of utility systems components completed in accordance with manufacturers’ recommendations must have a 100% completion rate.Note 2: Scheduled maintenance activities for infection control utility systems components in an alternative equipment maintenance (AEM) program inventory must have a 100% completion rate. | Per OEM or AEM procedures | No deferment | 482.41(d)(2)482.41 | K-921 |
| EP 6 | Non-high-risk utility system components on the inventory with completion date and results of activities documentedNote: Scheduled maintenance activities for non-high-risk utility systems components in an alternative equipment maintenance (AEM) program inventory must have a 100% completion rate. AEM frequency is determined by the hospital AEM program. | Per OEM or AEM procedures | If testing/inspection/maintenance was due during SOE, add 60-day grace period after lifting SOE | 482.41(d)(2) |  |

Below is ASHE’S Request

| **STANDAD – EPs** | **Document / Requirement** | **Frequency** | **Deferment Recommendation** | **CoP** | **K-Tag** |
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|  | **Additional Testing/Inspection/Maintenance Items** |  |  |  |  |
| EC.02.05.01 EP 27LS.02.01.70 EP 7LS.03.01.70 EP 7 | **Engineer Smoke Control Systems 2012 EXISTING** When installed, engineered smoke control systems are tested in accordance with established engineering principles. Test documentation is maintained on the premises.  | No testing frequency in TJC EP | If testing/inspection/maintenance was due during SOE, add 60-day grace period after lifting SOE |  | K-771 |
| EC.02.05.01 EP 22 | **Electrical Systems – Maintenance and Testing** Hospital-grade receptacles at patient bed locations and where deep sedation or general anesthesia is administered, are tested after initial installation, replacement or servicing. Additional testing is performed at intervals defined by documented performance data. Receptacles not listed as hospital-grade at these locations are tested at intervals not exceeding 12 months.  |  | If testing/inspection/maintenance was due during SOE, add 90-day grace period after lifting SOE |  | K-914 |
| EC.02.05.05 EP 7 | Line isolation monitors (LIM), if installed, are tested at intervals of ≤ 1 month by actuating the LIM test switch per 6.3.2.6.3.6, which activates both visual and audible alarm. For, LIM circuits with automated self-testing, this manual test is performed at intervals ≤ 12 months. LIM circuits are tested per 6.3.3.3.2 after any repair or renovation to the electric distribution system.  |  | If testing/inspection/maintenance was due during SOE, add 60-day grace period after lifting SOE |  | K-914 |
| LS.01.02.01 EP 4 | **Construction, Repair, and Improvement Operations** Construction, repair, and improvement operations shall comply with 4.6.10. Any means of egress in any area undergoing construction, repair, or improvements shall be inspected daily to ensure its ability to be used instantly in case of emergency and compliance with NFPA 241.  |  | No deferment |  | K-791 |
| EC.02.03.01 EP 4LS.02.01.20 EP 14 | **Means of Egress – General** Aisles, passageways, corridors, exit discharges, exit locations, and accesses are in accordance with Chapter 7, and the means of egress is continuously maintained free of all obstructions to full instant use in case of emergency, unless modified by 18/19.2.2 through 18/19.2.11.  |  | If testing/inspection/maintenance was due during SOE, add no grace period after lifting SOE |  | K-211 |
| LS.02.01.20 EP 14 | **Discharge from Exits** Exit discharge is arranged in accordance with 7.7, provides a level walking surface meeting the provisions of 7.1.7 with respect to changes in elevation and shall be maintained free of obstructions.  |  | If testing/inspection/maintenance was due during SOE, add no grace period after lifting SOE |  | K-271 |
| LS.02.01.30 EP 6 | The hospital provides and maintains building features to protect individuals from the hazards of fire and smoke.Alcohol-based hand rubs (ABHR) are stored and handled in accordance with NFPA 101-2012: 8.7.3.1, unless all of the following conditions are met:- Corridor is at least six feet wide- ABHR does not exceed 95% alcohol- Maximum individual dispenser capacity is 0.32 gallon of fluid (0.53 gallon in suites) or 18 ounces of NFPA Level 1–classified aerosols- Dispensers have a minimum of four feet of horizontal spacing between them- Dispensers are not installed within one inch of an ignition source- If floor is carpeted, the building is fully sprinkler protected- Operation of the dispenser complies with NFPA 101-2012: 18/19.3.2.6(11)- ABHR is protected against inappropriate access- Not more than an aggregate of 10 gallons of fluid or 135 ounces of aerosol are used in a single smoke compartment outside a storage cabinet, excluding one individual dispenser per room- Storing more than five gallons of fluid in a single smoke compartment complies with NFPA 30 |  | If testing/inspection/maintenance was due during SOE, add 30-day grace period after lifting SOE |  | K-325 |