



Environment of Care Base Camp  
Exploring the Life Safety Chapter

# BUILDING TOOL GUIDANCE

This resource contains a list of documentation required by the Hospital Accreditation program Life Safety (LS) and selected Environment of Care® (EC) standards. These documents will be reviewed by a Life Safety surveyor upon their arrival for an on-site survey. For more EC and LS insights, attend the last [Environment of Care Base Camp](#) and/or the last [Exploring the Life Safety Chapter](#) events of 2016.

<b>Construction Areas</b>	LS.01.02.01
Verify implementation of ILSMs at demolition, construction and renovation locations within the facility	EC.02.06.05
<b>MAIN Fire Alarm Control Panels</b>	LS.01.02.01 EP1
a. If panel is not working/in trouble without staff knowledge	LS.02.01.34
b. Installed in properly protected area	LS.02.01.34 EP2
<b>MAIN Piped Medical Gas Panels</b>	
a. Working condition of main medical gas alarm panels (i.e., trouble indications)	EC.02.05.05 EP3
b. Not at a continuously attended location (e.g., PBX, ED, etc.); A Categorical Waiver Issue	EC.02.05.01 EP1
<b>Bulk Oxygen/Medical Gas Tank Farm or Main Medical Gas Storage Area</b>	
a. Condition of equipment – status, open valves, piping, tanks flexible attached connections	EC.02.05.09 EP1
b. Storage configuration and labeling (i.e., cylinder, precautionary room/area signage, full/empty)	EC.02.06.01 EP1
c. Outdoor storage (weather protection for outside cylinders)	EC.02.01.01 EP5
d. Proper labeling and accessibility of main control and source valves	EC.02.05.09 EP3
<b>OR Suite</b> - done early in the survey to allow the organization time to correct while on site. The review of corrective action must include documentation that other areas supplied by same air handler were not negatively impacted by corrective work	
a. Pressure relationships (check during survey), air exchange rates (balance reports)	EC.02.05.01 EP15



Environment of Care Base Camp  
Exploring the Life Safety Chapter

# BUILDING TOOL GUIDANCE

b. Temperature/humidity levels	EC.02.06.01 EP13
c. Surgical fire prevention activities	EC.02.06.01 EP13
<b>MAIN Engineering Locations – boilers, chillers, electrical distribution hub</b>	EC.02.05.05
a. Equipment - leaks, general maintenance issues, equipment out of service (ask about risk to patients)	EP3, EP4, EP5
b. Room - rated wall separation, penetrations, opening protection, fire proofing damage	LS.02.01.30 (if hazardous area) LS.02.01.10
c. Minimal storage in Air Handling Control rooms (i.e., only AHU filters)	EC.02.03.01 EP1
d. Eye wash station (and shower if required)	EC.02.02.01 EP5
e. Open J-boxes	EC.02.03.01 EP1
<b>All Generators</b>	
a. Overall condition/readiness of the generators - is it on auto start? Oil and coolant leaks, clearances, check how batteries are maintained, amount of fuel on hand, cold weather protection	EC.02.05.05 EP3
b. Overall condition/readiness of the generators - is it on auto start? Oil and coolant leaks, clearances, check how batteries are maintained, amount of fuel on hand, cold weather protection	EC.02.05.01 EP1
c. Room – rated wall separations, sealed penetrations, opening protection, fire proofing damage	LS.02.01.10
d. Sprinkler/heat detectors (if required)	LS.02.01.10 EP2 LS.02.01.34 EP4
e. Open J-boxes	EC.02.03.01 EP1



Environment of Care Base Camp  
Exploring the Life Safety Chapter

# BUILDING TOOL GUIDANCE

f. Remote annunciator alarm panel - continuously attended location (e.g., PBX, ED, etc.)	EC.02.05.01 EP1
<b>Auto. Transfer Switches</b>	EC.02.05.07 EP6
a. Explore ATS's (inventory, circuit diagrams, interview)	EC.02.05.01 EP1
<b>Fire Pump(s)</b>	
a. Equipment overall condition/readiness of the fire pump -status, valves supervised/secure, leaks	EC.02.05.05 EP3
b. Room condition – rated separation, opening protective	LS.02.01.10
<b>Kitchen</b>	
a. Sprinkler head clearance over high storage.	LS.02.01.35 EP6
b. "K" extinguisher distance with signage; staff knowledge on how to properly use it	LS.02.01.35 EP9
c. Range hood extinguishing system - direction of nozzles, cleanliness, proper placement of filters	LS.02.01.35 EP14
d. Ansul Systems activates fire alarm system	LS.02.01.35 EP11
e. Fuel source disconnects upon activation of the Ansul system.	LS.02.01.35 EP12
f. Storage configurations – separate storage rooms or open to kitchen if allowed by code exceptions	LS.02.01.30
g. Sprinkler heads - condition, in refrigerators/freezers (if required)	LS.02.01.35, EP5 LS.02.01.10, EP2
<b>Gift Shop</b>	
a. Storage limitations, fire door ratings, sprinkler clearances	LS.02.01.30 EP3



# BUILDING TOOL GUIDANCE

<b>Main Entries/Lobby</b>	
a. No smoking signs lacking	LS.02.01.70 EP4
b. Canopy sprinkler coverage	LS.02.01.10 EP1
c. Exit doors acceptable locking arrangements, emergency break open features	LS.02.01.20 EP1 EP32
<b>Loading Dock and Receiving Dept.</b>	
a. Proper safety features on compactor	EC.02.01.01 EP5
b. Sprinkler head clearance over high storage	LS.02.01.35 EP6
<b>Roof</b>	
a. Water ponding under air intakes; clogged bird screens on air intakes	EC.02.05.05 EP3, EP4, EP5
b. Proper identification of hazardous exhausts	EC.02.01.01 EP 5
<b>Empty Patient Rooms</b>	
a. Call lights, blocked doors/damages, damaged medical gas outlets, oxygen tanks not in stands	EC.02.05.05 EP5 EC.02.06.01 EP1
b. Areas clean, excessive wall/ceiling damage	EC.02.06.01 EP20
c. Furniture safe and in good repair	EC.02.06.01 EP26
<b>Exit Stairs, Rated Exit Passageways, Exterior Discharge Areas</b>	



# BUILDING TOOL GUIDANCE

a. Proper construction – walls/decks and opening protective	LS.02.01.30 EP24
b. Proper door labeling; operation	LS.02.01.10 EP4, EP5
c. Clearances/obstructions	LS.02.01.20 EP13
d. Interior exit lighting and signage	LS.02.01.20 EP27, EP28, EP29
e. Locking configurations (Categorical Waiver issue)	LS.02.01.20 EP1
f. Stair not used as a chase for utilities serving other areas	LS.02.01.20 EP32
g. Exterior public discharge surfaces and two sources lighting	LS.02.01.20 EP8 EP28
<b>Smoke Barriers</b>	
a. Above-the-ceiling - smoke dampers, type and condition of penetration sealant; fire proofing damage; no support from fire sprinkler pipes; no open junction boxes	LS.02.01.30 EP18 EP20 EP21 LS.02.01.35 EP4 EC.02.03.01 EP1
b. Below-the-ceiling - Automatic door closers, door coordinators, door clearances/undercuts	LS.02.01.30 EP23
<b>Two hour rated barriers</b>	
a. Above-the-ceiling - fire dampers, type and condition of penetration sealant; fire proofing damage; no support from fire sprinkler pipes; no open junction boxes	LS.02.01.10 EP8 EP9 LS.02.01.10 EP1 LS.02.01.35 EP4

# BUILDING TOOL GUIDANCE



Environment of Care Base Camp  
Exploring the Life Safety Chapter

	EC.02.03.01 EP1
b. Below-the-ceiling - door latching, door rating labels, protective plate heights, door undercuts	LS.02.01.10 EP 4-6
<b>Hazardous Areas</b>	
a. Above-the-ceiling (if not sprinklered) - walls, penetrations; fire proofing damage; no support form sprinkler piping; no open junction boxes	LS.02.01.30 EP2 LS.02.01.10 EP1 LS.02.01.35 EP4 EC.02.03.01 EP1
b. Below-the-ceiling - sprinkler head clearances, door latching, door rating labels, protective plate heights (non-sprinkler), door undercuts, storage limitations	LS.02.01.10 EP6 LS.02.01.30 EP2
c. As applicable, check for proper eye wash units	EC.02.02.01 EP5
<b>Corridors</b>	
a. Above-the-ceiling (non-sprinkler): Corridor walls to underside of deck above a, penetrations sealed; nor fire proofing damage; no support from sprinkler pipes; no open junction boxes	LS.02.01.30 EP6 LS.02.01.10 EP1 LS.02.01.35 EP4 EC.02.03.01 EP1
b. Below-ceiling: Corridor door latching, door undercuts: maximum 6 inches projections, corridor clutter; exit lighting and signage	LS.02.01.30 EP11, 12 LS.02.01.20 EP13 EP27 EP28 EP30



Environment of Care Base Camp  
Exploring the Life Safety Chapter

# BUILDING TOOL GUIDANCE

	EP31
c. Medical gas shutoffs zone valves (labeling, access, signage)	EC.02.05.09 EP3
<b>Electrical closets</b>	
a. Storage blocking panels	EC.02.06.01 EP1
b. Properly sealed floor, ceiling penetrations if not a shaft properly sealed wall penetrations if a shaft	LS.02.01.10
c. Check sub-electrical panel schedules to see if they correct	EC.02.05.01 EP8
d. Open junction boxes	EC.02.03.01 EP1
<b>Various Indoor Air Quality Locations Areas</b>	
a. Sterile Supply, Endoscopy, Bronchoscopy, Cath Labs	EC.02.05.01 E15
b. Isolation rooms	EC.02.05.01 E15
c. Special storage spaces with hazardous materials	EC.02.06.01 EP13

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