

MEDICARE/MEDICAID CERTIFICATION AND TRANSMITTAL

ID: CL77

PART I - TO BE COMPLETED BY THE STATE SURVEY AGENCY

Facility ID: 00907

1. MEDICARE/MEDICAID PROVIDER NO. (L1) <b>245212</b>  2.STATE VENDOR OR MEDICAID NO. (L2) <b>623840800</b>  5. EFFECTIVE DATE CHANGE OF OWNERSHIP (L9)  6. DATE OF SURVEY <b>10/28/2021</b> (L34)  8. ACCREDITATION STATUS: ___ (L10) 0 Unaccredited 1 TJC 2 AOA 3 Other	3. NAME AND ADDRESS OF FACILITY (L3) <b>ESSENTIA HEALTH OAK CROSSING</b>  (L4) <b>1040 LINCOLN AVENUE</b>  (L5) <b>DETROIT LAKES, MN</b> (L6) <b>56501</b>  7. PROVIDER/SUPPLIER CATEGORY <u>02</u> (L7) <b>01 Hospital 05 HHA 09 ESRD 13 PTIP 22 CLIA</b> <b>02 SNF/NF/Dual 06 PRTF 10 NF 14 CORF</b> <b>03 SNF/NF/Distinct 07 X-Ray 11 ICF/IID 15 ASC</b> <b>04 SNF 08 OPT/SP 12 RHC 16 HOSPICE</b>	4. TYPE OF ACTION: <u>2</u> (L8)  <b>1. Initial 2. Recertification</b> <b>3. Termination 4. CHOW</b> <b>5. Validation 6. Complaint</b> <b>7. On-Site Visit 9. Other</b> <b>8. Full Survey After Complaint</b>  FISCAL YEAR ENDING DATE: (L35)  <b>06/30</b>															
11. LTC PERIOD OF CERTIFICATION From (a) : To (b) :  12.Total Facility Beds <b>94</b> (L18) 13.Total Certified Beds <b>94</b> (L17)	10.THE FACILITY IS CERTIFIED AS:  A. In Compliance With <u>And/Or Approved Waivers Of The Following Requirements:</u> Program Requirements Compliance Based On: ___ 1. Acceptable POC ___ 2. Technical Personnel ___ 3. 24 Hour RN ___ 4. 7-Day RN (Rural SNF) ___ 5. Life Safety Code ___ 6. Scope of Services Limit ___ 7. Medical Director ___ 8. Patient Room Size ___ 9. Beds/Room  X B. Not in Compliance with Program Requirements and/or Applied Waivers: * Code: <b>B*</b> (L12)																
14. LTC CERTIFIED BED BREAKDOWN  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">18 SNF</td> <td style="width:15%;">18/19 SNF</td> <td style="width:15%;">19 SNF</td> <td style="width:15%;">ICF</td> <td style="width:15%;">IID</td> </tr> <tr> <td></td> <td style="text-align: center;">94</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(L37)</td> <td>(L38)</td> <td>(L39)</td> <td>(L42)</td> <td>(L43)</td> </tr> </table>	18 SNF	18/19 SNF	19 SNF	ICF	IID		94				(L37)	(L38)	(L39)	(L42)	(L43)	15. FACILITY MEETS 1861 (e) (1) or 1861 (j) (1): (L15)	
18 SNF	18/19 SNF	19 SNF	ICF	IID													
	94																
(L37)	(L38)	(L39)	(L42)	(L43)													

16. STATE SURVEY AGENCY REMARKS (IF APPLICABLE SHOW LTC CANCELLATION DATE):

17. SURVEYOR SIGNATURE  <u>Kathy Elhard, HFE - NE II</u> Date : 12/03/2021 (L19)	18. STATE SURVEY AGENCY APPROVAL  <u>Joanne Simon, Enforcement Specialist</u> Date: 12/13/2021 (L20)
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PART II - TO BE COMPLETED BY HCFA REGIONAL OFFICE OR SINGLE STATE AGENCY

19. DETERMINATION OF ELIGIBILITY  <input checked="" type="checkbox"/> 1. Facility is Eligible to Participate <input type="checkbox"/> 2. Facility is not Eligible (L21)	20. COMPLIANCE WITH CIVIL RIGHTS ACT:  ___ 1. Statement of Financial Solvency (HCFA-2572) ___ 2. Ownership/Control Interest Disclosure Stmt (HCFA-1513) ___ 3. Both of the Above :	
22. ORIGINAL DATE OF PARTICIPATION <b>11/01/1976</b> (L24)	23. LTC AGREEMENT BEGINNING DATE (L41)	24. LTC AGREEMENT ENDING DATE (L25)
25. LTC EXTENSION DATE: (L27)	26. TERMINATION ACTION: (L30) <b>VOLUNTARY 00 INVOLUNTARY</b> 01-Merger, Closure 05-Fail to Meet Health/Safety 02-Dissatisfaction W/ Reimbursement 06-Fail to Meet Agreement 03-Risk of Involuntary Termination <u>OTHER</u> 04-Other Reason for Withdrawal 07-Provider Status Change 00-Active	
27. ALTERNATIVE SANCTIONS A. Suspension of Admissions: (L44) B. Rescind Suspension Date: (L45)	28. TERMINATION DATE: (L28)	29. INTERMEDIARY/CARRIER NO. <b>03001</b> (L31)
31. RO RECEIPT OF CMS-1539 (L32)	32. DETERMINATION OF APPROVAL DATE (L33)	30. REMARKS  DETERMINATION APPROVAL



*Protecting, Maintaining and Improving the Health of All Minnesotans*

Electronically delivered  
November 17, 2021

Administrator  
Essentia Health Oak Crossing  
1040 Lincoln Avenue  
Detroit Lakes, MN 56501

RE: CCN: 245212  
Cycle Start Date: October 28, 2021

Dear Administrator:

On October 28, 2021, a survey was completed at your facility by the Minnesota Department(s) of Health and Public Safety to determine if your facility was in compliance with Federal participation requirements for skilled nursing facilities and/or nursing facilities participating in the Medicare and/or Medicaid programs.

This survey found the most serious deficiencies in your facility to be a pattern of deficiencies that constituted no actual harm with potential for more than minimal harm that was not immediate jeopardy (Level E), as evidenced by the electronically delivered CMS-2567, whereby significant corrections are required.

## **REMEDIES**

As a result of the survey findings and in accordance with survey and certification memo 16-31-NH, this Department recommended the enforcement remedy(ies) listed below to the CMS Region V Office for imposition. The CMS Region V Office concurs and is imposing the following remedy and has authorized this Department to notify you of the imposition:

- Discretionary Denial of Payment for new Medicare and/or Medicaid Admissions, Federal regulations at 42 CFR § 488.417(a), effective January 1, 2022.
- Directed plan of correction (DPOC), Federal regulations at 42 CFR § 488.424. Please see electronically attached documents for the DPOC.

The CMS Region V Office will notify your Medicare Administrative Contractor (MAC) that the denial of payment for new admissions is effective January 1, 2022. They will also notify the State Medicaid Agency that they must also deny payment for new Medicaid admissions effective January 1, 2022.

You should notify all Medicare/Medicaid residents admitted on, or after, this date of the restriction. The remedy must remain in effect until your facility has been determined to be in substantial compliance or your provider agreement is terminated. Please note that the denial of payment for new admissions includes Medicare/Medicaid beneficiaries enrolled in managed care plans. It is your obligation to inform managed care plans contracting with your facility of this denial of payment for new admissions.

This Department is also recommending that CMS impose:

- Civil money penalty (42 CFR 488.430 through 488.444). You will receive a formal notice from the CMS RO only if CMS agrees with our recommendation.

### **NURSE AIDE TRAINING PROHIBITION**

Please note that Federal law, as specified in the Act at §§ 1819(f)(2)(B) and 1919(f)(2)(B), prohibits approval of nurse aide training and competency evaluation programs and nurse aide competency evaluation programs offered by, or in, a facility which, within the previous two years, has operated under a § 1819(b)(4)(C)(ii)(II) or § 1919(b)(4)(C)(ii) waiver (i.e., waiver of full-time registered professional nurse); has been subject to an extended or partial extended survey as a result of a finding of substandard quality of care; has been assessed a total civil money penalty of not less than \$11,160; has been subject to a denial of payment, the appointment of a temporary manager or termination; or, in the case of an emergency, has been closed and/or had its residents transferred to other facilities.

If you have not achieved substantial compliance by January 1, 2022, the remedy of denial of payment for new admissions will go into effect and this provision will apply to your facility. Therefore, Essentia Health Oak Crossing will be prohibited from offering or conducting a Nurse Aide Training and/or Competency Evaluation Program (NATCEP) for two years from January 1, 2022. You will receive further information regarding this from the State agency. This prohibition is not subject to appeal. Further, this prohibition may be rescinded at a later date if your facility achieves substantial compliance prior to the effective date of denial of payment for new admissions.

However, under Public Law 105-15, you may contact the State agency and request a waiver of this prohibition if certain criteria are met.

### **ELECTRONIC PLAN OF CORRECTION (ePOC)**

Within ten (10) calendar days after your receipt of this notice, you must submit an acceptable ePOC for the deficiencies cited. An acceptable ePOC will serve as your allegation of compliance. Upon receipt of an acceptable ePOC, we will authorize a revisit to your facility to determine if substantial compliance has been achieved. The failure to submit an acceptable ePOC can lead to termination of your Medicare and Medicaid participation (42 CFR 488.456(b)).

To be acceptable, a provider's ePOC must include the following:

- How corrective action will be accomplished for those residents found to have been affected by the deficient practice.
- How the facility will identify other residents having the potential to be affected by the same deficient practice.
- What measures will be put into place, or systemic changes made, to ensure that the deficient practice will not recur.
- How the facility will monitor its corrective actions to ensure that the deficient practice is being corrected and will not recur.
- The date that each deficiency will be corrected.
- An electronic acknowledgement signature and date by an official facility representative.

## **DEPARTMENT CONTACT**

Questions regarding this letter and all documents submitted as a response to the resident care deficiencies (those preceded by a "F" tag), and emergency preparedness deficiencies (those preceded by an "E" tag), i.e., the plan of correction should be directed to:

**LeAnn Huseth, RN, Unit Supervisor**  
**Fergus Falls District Office**  
**Licensing and Certification Program**  
**Health Regulation Division**  
**Minnesota Department of Health**  
**1505 Pebble Lake Rd., Suite 300**  
**Fergus Falls, Mn. 56537**  
**Email: leann.huseth@state.mn.us**  
**Office: (218) 332-5140 Mobile: (218) 403-1100**

## **PRESUMPTION OF COMPLIANCE - CREDIBLE ALLEGATION OF COMPLIANCE**

The facility's ePoC will serve as your allegation of compliance upon the Department's acceptance. In order for your allegation of compliance to be acceptable to the Department, the ePoC must meet the criteria listed in the plan of correction section above. You will be notified by the Minnesota Department of Health - Health Regulation Division staff and/or the Department of Public Safety, State Fire Marshal Division staff, if your ePoC for their respective deficiencies (if any) is acceptable.

## **VERIFICATION OF SUBSTANTIAL COMPLIANCE**

Upon receipt of an acceptable ePoC, a Post Certification Revisit (PCR), of your facility will be conducted to validate that substantial compliance with the regulations has been attained in accordance with your verification.

If substantial compliance has been achieved, certification of your facility in the Medicare and/or Medicaid program(s) will be continued and remedies will not be imposed. Compliance is certified as of the latest correction date on the approved ePoC, unless it is determined that either correction actually occurred between the latest correction date on the ePoC and the date of the first revisit, or correction occurred sooner than the latest correction date on the ePoC.

## **FAILURE TO ACHIEVE SUBSTANTIAL COMPLIANCE BY THE SIXTH MONTH AFTER THE LAST DAY OF THE SURVEY**

We will also recommend to the CMS Region V Office and/or the Minnesota Department of Human Services that your provider agreement be terminated by April 28, 2022 if your facility does not achieve substantial compliance. This action is mandated by the Social Security Act at § 1819(h)(2)(C) and 1919(h)(3)(D) and Federal regulations at 42 CFR § 488.412 and § 488.456.

**Please note that this notice does not constitute formal notice of imposition of alternative remedies or termination of your provider agreement. Should the Centers for Medicare & Medicaid Services determine that termination or any other remedy is warranted, it will provide you with a separate formal notification of that determination.**

## **APPEAL RIGHTS**

If you disagree with this action imposed on your facility, you or your legal representative may request a hearing before an administrative law judge of the Department of Health and Human Services, Departmental Appeals Board (DAB). Procedures governing this process are set out in 42 C.F.R. 498.40, et seq. You must file your hearing request electronically by using the Departmental Appeals Board's Electronic Filing System (DAB E-File) at <https://dab.efile.hhs.gov> no later than sixty (60) days after receiving this letter. Specific instructions on how to file electronically are attached to this notice. A copy of the hearing request shall be submitted electronically to:

**Tamika.Brown@cms.hhs.gov**

Requests for a hearing submitted by U.S. mail or commercial carrier are no longer accepted as of October 1, 2014, unless you do not have access to a computer or internet service. In those circumstances you may call the Civil Remedies Division to request a waiver from e-filing and provide an explanation as to why you cannot file electronically or you may mail a written request for a waiver along with your written request for a hearing. A written request for a hearing must be filed no later than sixty (60) days after receiving this letter, by mailing to the following address:

**Department of Health & Human Services  
Departmental Appeals Board, MS 6132  
Director, Civil Remedies Division  
330 Independence Avenue, S.W.  
Cohen Building – Room G-644  
Washington, D.C. 20201  
(202) 565-9462**

A request for a hearing should identify the specific issues, findings of fact and conclusions of law with which you disagree. It should also specify the basis for contending that the findings and conclusions are incorrect. At an appeal hearing, you may be represented by counsel at your own expense. If you have any questions regarding this matter, please contact Tamika Brown, Principal Program Representative by phone at (312) 353-1502 or by e-mail at [Tamika.Brown@cms.hhs.gov](mailto:Tamika.Brown@cms.hhs.gov).

## **INFORMAL DISPUTE RESOLUTION (IDR) / INDEPENDENT INFORMAL DISPUTE RESOLUTION (IIDR)**

In accordance with 42 CFR 488.331, you have one opportunity to question cited deficiencies through an informal dispute resolution process. You are required to send your written request, along with the specific deficiencies being disputed, and an explanation of why you are disputing those deficiencies, to:

Nursing Home Informal Dispute Process  
Minnesota Department of Health  
Health Regulation Division  
P.O. Box 64900  
St. Paul, Minnesota 55164-0900

Essentia Health Oak Crossing

November 17, 2021

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This request must be sent within the same ten days you have for submitting an ePoC for the cited deficiencies. All requests for an IDR or IIDR of federal deficiencies must be submitted via the web at: [https://mdhprovidercontent.web.health.state.mn.us/ltr\\_idr.cfm](https://mdhprovidercontent.web.health.state.mn.us/ltr_idr.cfm)

You must notify MDH at this website of your request for an IDR or IIDR within the 10 calendar day period allotted for submitting an acceptable electronic plan of correction. A copy of the Department's informal dispute resolution policies are posted on the MDH Information Bulletin website at: [https://www.health.state.mn.us/facilities/regulation/infobulletins/ib04\\_8.html](https://www.health.state.mn.us/facilities/regulation/infobulletins/ib04_8.html)

Please note that the failure to complete the informal dispute resolution process will not delay the dates specified for compliance or the imposition of remedies.

Questions regarding all documents submitted as a response to the Life Safety Code deficiencies (those preceded by a "K" tag) i.e., the plan of correction, request for waivers, should be directed to:

**William Abderhalden, Fire Safety Supervisor**  
**Deputy State Fire Marshal**  
**Health Care/Corrections Supervisor – Interim**  
**Minnesota Department of Public Safety**  
**445 Minnesota Street, Suite 145**  
**St. Paul, MN 55101-5145**  
**Cell: (507) 361-6204**  
**Email: [william.abderhalden@state.mn.us](mailto:william.abderhalden@state.mn.us)**  
**Fax: (651) 215-0525**

Feel free to contact me if you have questions.

Sincerely,



Joanne Simon, Enforcement Specialist  
Minnesota Department of Health  
Program Assurance Unit  
Health Regulation Division  
Telephone: 651-201-4161 Fax: 651-215-9697  
Email: [joanne.simon@state.mn.us](mailto:joanne.simon@state.mn.us)

cc: Licensing and Certification File

STATEMENT OF DEFICIENCIES AND PLAN OF CORRECTION		(X1) PROVIDER/SUPPLIER/CLIA IDENTIFICATION NUMBER:  <b>245212</b>	(X2) MULTIPLE CONSTRUCTION A. BUILDING <b>02 - EXISTING BUILDING 02</b>  B. WING _____	(X3) DATE SURVEY COMPLETED  <b>10/26/2021</b>
NAME OF PROVIDER OR SUPPLIER <b>ESSENTIA HEALTH OAK CROSSING</b>			STREET ADDRESS, CITY, STATE, ZIP CODE <b>1040 LINCOLN AVENUE DETROIT LAKES, MN 56501</b>	
(X4) ID PREFIX TAG	SUMMARY STATEMENT OF DEFICIENCIES (EACH DEFICIENCY MUST BE PRECEDED BY FULL REGULATORY OR LSC IDENTIFYING INFORMATION)	ID PREFIX TAG	PROVIDER'S PLAN OF CORRECTION (EACH CORRECTIVE ACTION SHOULD BE CROSS-REFERENCED TO THE APPROPRIATE DEFICIENCY)	(X5) COMPLETION DATE
K 000	<p><b>INITIAL COMMENTS</b></p> <p><b>FIRE SAFETY</b></p> <p>An annual Life Safety Code survey was conducted by the Minnesota Department of Public Safety, State Fire Marshal Division. At the time of this survey Essentia Health Oak Crossing bldg 02 was found in compliance with the requirements for participation in Medicare/Medicaid at 42 CFR, Subpart 483.70(a), Life Safety from Fire, and the 2012 edition of National Fire Protection Association (NFPA) 101, Life Safety Code (LSC), Chapter 19 Existing Health Care and the 2012 edition of NFPA 99, the Health Care Facilities Code.</p> <p><b>Bldg 2</b> Main bldg &amp; 2008 addition The main building was built in 1968, is a 2-story building with a basement and was determined to be of Type II(000) construction, the 2008 addition was determined to be of type II (111) construction. The building is divided into 8 smoke compartments and is separated from the 1999 addition by a 2 hour fire barrier due to the Type V construction.</p> <p>The building has a full automatic fire sprinkler system and a fire alarm system with smoke detection in the resident rooms, corridors and spaces open to the corridors that is monitored for automatic fire department notification.</p> <p>The facility has a capacity of 96 beds and had a census of 65 at the time of the survey.</p> <p>The requirement at 42 CFR, Subpart 483.70(a) is MET.</p>	K 000		

LABORATORY DIRECTOR'S OR PROVIDER/SUPPLIER REPRESENTATIVE'S SIGNATURE

TITLE

(X6) DATE

Any deficiency statement ending with an asterisk (\*) denotes a deficiency which the institution may be excused from correcting providing it is determined that other safeguards provide sufficient protection to the patients. (See instructions.) Except for nursing homes, the findings stated above are disclosable 90 days following the date of survey whether or not a plan of correction is provided. For nursing homes, the above findings and plans of correction are disclosable 14 days following the date these documents are made available to the facility. If deficiencies are cited, an approved plan of correction is requisite to continued program participation.

STATEMENT OF DEFICIENCIES AND PLAN OF CORRECTION		(X1) PROVIDER/SUPPLIER/CLIA IDENTIFICATION NUMBER:  <b>245212</b>	(X2) MULTIPLE CONSTRUCTION A. BUILDING <b>03 - 2008 SOUTH</b>  B. WING _____	(X3) DATE SURVEY COMPLETED  <b>10/26/2021</b>
NAME OF PROVIDER OR SUPPLIER <b>ESSENTIA HEALTH OAK CROSSING</b>		STREET ADDRESS, CITY, STATE, ZIP CODE <b>1040 LINCOLN AVENUE DETROIT LAKES, MN 56501</b>		
(X4) ID PREFIX TAG	SUMMARY STATEMENT OF DEFICIENCIES (EACH DEFICIENCY MUST BE PRECEDED BY FULL REGULATORY OR LSC IDENTIFYING INFORMATION)	ID PREFIX TAG	PROVIDER'S PLAN OF CORRECTION (EACH CORRECTIVE ACTION SHOULD BE CROSS-REFERENCED TO THE APPROPRIATE DEFICIENCY)	(X5) COMPLETION DATE
K 000	<p><b>INITIAL COMMENTS</b></p> <p><b>FIRE SAFETY</b></p> <p>An annual Life Safety Code survey was conducted by the Minnesota Department of Public Safety, State Fire Marshal Division. At the time of this survey Essentia Health Oak Crossing 03 Admin building was found in compliance with the requirements for participation in Medicare/Medicaid at 42 CFR, Subpart 483.70(a), Life Safety from Fire, and the 2012 edition of National Fire Protection Association (NFPA) 101, Life Safety Code (LSC), Chapter 19 Existing Health Care and the 2012 edition of NFPA 99, the Health Care Facilities Code.</p> <p><b>Building 03</b> Essentia Health Oak Crossing Building 03 was built in 1999 and is one-story without a basement that was determined to be of Type V(111) construction. It is fully protected throughout by an automatic fire sprinkler system and has a fire alarm that is monitored for automatic fire department notification. It is separated from Building 02 by a two-hour fire-rated wall.</p> <p>The facility has a capacity of 96 beds and had a census of 65 at the time of the survey.</p> <p>The requirement at 42 CFR, Subpart 483.70(a), is MET.</p>	K 000		

LABORATORY DIRECTOR'S OR PROVIDER/SUPPLIER REPRESENTATIVE'S SIGNATURE

TITLE

(X6) DATE

Any deficiency statement ending with an asterisk (\*) denotes a deficiency which the institution may be excused from correcting providing it is determined that other safeguards provide sufficient protection to the patients. (See instructions.) Except for nursing homes, the findings stated above are disclosable 90 days following the date of survey whether or not a plan of correction is provided. For nursing homes, the above findings and plans of correction are disclosable 14 days following the date these documents are made available to the facility. If deficiencies are cited, an approved plan of correction is requisite to continued program participation.



DEPARTMENT OF HEALTH AND HUMAN SERVICES  
CENTERS FOR MEDICARE & MEDICAID SERVICES

PRINTED: 12/03/2021  
FORM APPROVED  
OMB NO. 0938-0391

STATEMENT OF DEFICIENCIES AND PLAN OF CORRECTION		(X1) PROVIDER/SUPPLIER/CLIA IDENTIFICATION NUMBER:  <b>245212</b>	(X2) MULTIPLE CONSTRUCTION A. BUILDING _____  B. WING _____		(X3) DATE SURVEY COMPLETED  <b>C</b> <b>10/28/2021</b>
NAME OF PROVIDER OR SUPPLIER  <b>ESSENTIA HEALTH OAK CROSSING</b>			STREET ADDRESS, CITY, STATE, ZIP CODE <b>1040 LINCOLN AVENUE</b> <b>DETROIT LAKES, MN 56501</b>		
(X4) ID PREFIX TAG	SUMMARY STATEMENT OF DEFICIENCIES (EACH DEFICIENCY MUST BE PRECEDED BY FULL REGULATORY OR LSC IDENTIFYING INFORMATION)	ID PREFIX TAG	PROVIDER'S PLAN OF CORRECTION (EACH CORRECTIVE ACTION SHOULD BE CROSS-REFERENCED TO THE APPROPRIATE DEFICIENCY)	(X5) COMPLETION DATE	
E 000	Initial Comments  On 10/25/21, to 10/28/21, a survey for compliance with Appendix Z, Emergency Preparedness Requirements, §483.73(b)(6) was conducted during a standard recertification survey. The facility was IN compliance.  The facility is enrolled in ePOC and therefore a signature is not required at the bottom of the first page of the CMS-2567 form. Although no plan of correction is required, it is required that the facility acknowledge receipt of the electronic documents.	E 000			
F 000	INITIAL COMMENTS  On 10/25/21 through 10/28/21, a standard recertification survey was conducted at your facility. Complaint investigations were also conducted. Your facility was found to be NOT in compliance with the requirements of 42 CFR 483, Subpart B, Requirements for Long Term Care Facilities.  The following complaints were found to be SUBSTANTIATED: H5212041C (MN00077502), however NO deficiencies were cited due to actions implemented by the facility prior to survey.  The following complaints were found to be UNSUBSTANTIATED: H5212040C (MN00054261). H5212043C (MN00062001). H5212042C (MN00062731). H5212039C (MN00077657). H5212044 (MN00077952).  The facility's plan of correction (POC) will serve as your allegation of compliance upon the	F 000			

LABORATORY DIRECTOR'S OR PROVIDER/SUPPLIER REPRESENTATIVE'S SIGNATURE

TITLE

(X6) DATE

Electronically Signed

11/26/2021

Any deficiency statement ending with an asterisk (\*) denotes a deficiency which the institution may be excused from correcting providing it is determined that other safeguards provide sufficient protection to the patients. (See instructions.) Except for nursing homes, the findings stated above are disclosable 90 days following the date of survey whether or not a plan of correction is provided. For nursing homes, the above findings and plans of correction are disclosable 14 days following the date these documents are made available to the facility. If deficiencies are cited, an approved plan of correction is requisite to continued program participation.

STATEMENT OF DEFICIENCIES AND PLAN OF CORRECTION		(X1) PROVIDER/SUPPLIER/CLIA IDENTIFICATION NUMBER:  <b>245212</b>	(X2) MULTIPLE CONSTRUCTION A. BUILDING _____  B. WING _____		(X3) DATE SURVEY COMPLETED  <b>C</b> <b>10/28/2021</b>
NAME OF PROVIDER OR SUPPLIER  <b>ESSENTIA HEALTH OAK CROSSING</b>			STREET ADDRESS, CITY, STATE, ZIP CODE <b>1040 LINCOLN AVENUE</b> <b>DETROIT LAKES, MN 56501</b>		
(X4) ID PREFIX TAG	SUMMARY STATEMENT OF DEFICIENCIES (EACH DEFICIENCY MUST BE PRECEDED BY FULL REGULATORY OR LSC IDENTIFYING INFORMATION)	ID PREFIX TAG	PROVIDER'S PLAN OF CORRECTION (EACH CORRECTIVE ACTION SHOULD BE CROSS-REFERENCED TO THE APPROPRIATE DEFICIENCY)	(X5) COMPLETION DATE	
F 000	Continued From page 1 Departments acceptance. Because you are enrolled in ePOC, your signature is not required at the bottom of the first page of the CMS-2567 form. Your electronic submission of the POC will be used as verification of compliance.	F 000			
F 677 SS=D	ADL Care Provided for Dependent Residents CFR(s): 483.24(a)(2)  §483.24(a)(2) A resident who is unable to carry out activities of daily living receives the necessary services to maintain good nutrition, grooming, and personal and oral hygiene; This REQUIREMENT is not met as evidenced by: Based on observation, interview and document review the facility failed to provide assistance with grooming assistance for 1 of 3 residents (R42) who was dependent on staff for activities of daily living.  Findings include:  R42's quarterly Minimum Data Set (MDS) dated 10/15/21, identified R42 had diagnoses which included: Alzheimer's Disease, heart disease and osteoporosis. The MDS identified R42 had severe cognitive impairment and required extensive assistance with activities of daily living (ADL's) which included dressing, personal hygiene and bathing.  R42's current care plan revised 9/22/21, revealed R42 required assistance with dressing, bathing	F 677	Resident R42 received nail care and had facial hair removed 10/28/21, upon staff notification that these services were needed. R42's plan of care was reviewed and remains appropriate for staff assistance with grooming and hygiene. No changes were made to plan of care.  All residents in the facility that require assistance with grooming have the potential to be affected by the deficient practice. All residents with the potential to be affected have been audited and nail care and grooming standards have been met per the plan of care.  It is assumed that all residents prefer to have facial hair removed and well-groomed nails, unless otherwise	12/6/21	

STATEMENT OF DEFICIENCIES AND PLAN OF CORRECTION		(X1) PROVIDER/SUPPLIER/CLIA IDENTIFICATION NUMBER:  <b>245212</b>	(X2) MULTIPLE CONSTRUCTION A. BUILDING _____  B. WING _____		(X3) DATE SURVEY COMPLETED  <b>C</b> <b>10/28/2021</b>
NAME OF PROVIDER OR SUPPLIER  <b>ESSENTIA HEALTH OAK CROSSING</b>			STREET ADDRESS, CITY, STATE, ZIP CODE <b>1040 LINCOLN AVENUE</b> <b>DETROIT LAKES, MN 56501</b>		
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F 677	<p>Continued From page 2 and grooming. R42's care plan did not address R42's preference and care for facial hair removal and nail care.</p> <p>On 10/25/21, at 1:22 p.m. R42 was observed seated in a Broda chair (special wheelchair used to aid in pressure relief and comfort) in her room, her eyes were closed and she had a lap blanket on her legs. R42 had several dozen long wispy white hairs approximately seven (7) to ten (10) millimeters (mm) in length on her chin, jaw line and neck. R42 had mauve painted fingernails, which were chipped on eight of ten fingernails, all fingernails had varying lengths up to 20 mm and had a thick, brownish substance underneath all ten fingernails.</p> <p>On 10/26/21, at 10:11 a.m. R42 was observed seated in a Broda chair in her room, her eyes were opened and she had a lap blanket on which covered her legs and feet. R42 continued to have several dozen long wispy white hairs 7-10 mm in length on her chin, jaw line and neck. R42 continued to have chipped mauve nail polish on all ten of her fingernails, two of her fingernails were broken to the fingertip and the remaining eight fingernails had a brownish substance underneath the length.</p> <p>On 10/27/21, at 11:38 a.m. R42 was observed seated in a Broda chair in her room, she faced the television and her eyes were open. R42 continued to have several dozen long wispy white hairs 7-10 mm in length on her chin, jaw line and neck. R42 continued to have chipped mauve nail polish on all ten of her fingernails, two of her fingernails were broken to the fingertip and the remaining eight fingernails had a brownish substance underneath the tips.</p>	F 677	<p>directed in their plan of care. While all new direct care staff receive education/competency validation on nail care upon hire, a corresponding policy/procedure was not in place. A standards of care document and standard work (procedure) have been developed to provide clear direction for staff on shaving and nail care expectations. The standard work includes a nail clipper and disposable files to be kept in the spa room for every resident. Nail care will be provided to every resident on their bath day or per their preference. Diabetic residents will continue to receive nail care from the licensed nurse. Disposable razors will be available in the spa room and personal razors placed with other personal care items in resident's room for all residents requiring facial hair removal. The licensed nurse will verify and document the completion of nail care on the skin assessment conducted weekly with bathing. All clinical staff will receive education on these changes and standard work. Each clinical staff will provide written validation of receipt and competent understanding of the content.</p> <p>All residents that require assistance with grooming will be audited weekly by facility leadership for 8 weeks to ensure that nail care and facial hair removal have been provided per the plan of care. Results of these audits will be reviewed by the QAPI committee who will determine a plan for ongoing auditing based on these results. The Director of Nursing will be responsible for ensure this plan of</p>		

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F 677	Continued From page 3  On 10/27/21, at 12:33 p.m. during an interview, nursing assistant (NA)-A stated R42 required extensive assistance with dressing, grooming and bathing. NA-A stated R42 would oftentimes be found with bowel on her hands after "digging" in her incontinent brief and would need to have her hands and underneath her nails cleaned. NA-A stated R42 had been a resident for several years, prior to her cognitive decline, R42 used to make sure she was well groomed and her hands were well manicured.  On 10/27/21, at 12:43 p.m. during an interview, NA-B stated R42 required assistance with all of her cares, which included dressing, bathing and personal hygiene. NA-B stated she had assisted R42 with morning cares and had not removed her facial hair and had not cleaned underneath R42's fingernails.  On 10/27/21, at 12:56 p.m. during an interview licensed practical nurse (LPN)- A confined R42 had several dozen long wispy white hairs 7-10 mm in length on her chin, jaw line and neck and had chipped mauve nail polish on all ten of her fingernails, two of her fingernails were broken to the fingertip and the remaining eight fingernails had a brownish substance underneath the tips. LPN stated R42 had been a resident at the facility for a long time and prior to her decline in cognition R42 had been very particular about her appearance, and had well manicured fingernails. LPN stated she felt R42's appearance was very important to her and would be bothered if she knew she had facial hair and un-manicured fingernails.  On 10/27/21, at 1:07 p.m. during an interview	F 677	correction is followed.		

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F 677	Continued From page 4 registered nursing clinical manager (CM)- A stated she would expect R42's facial hair to be removed either with a razor or tweezers, whatever the resident prefers, and should have clean fingernails. RN stated she would have expected R42's fingernails to be well manicured by filing rough edges and un-chipped polish. CM-A stated the facility did not have a specific policy for providing grooming, as it was a standard of daily care.	F 677			
F 686 SS=D	Treatment/Svcs to Prevent/Heal Pressure Ulcer CFR(s): 483.25(b)(1)(i)(ii)  §483.25(b) Skin Integrity §483.25(b)(1) Pressure ulcers. Based on the comprehensive assessment of a resident, the facility must ensure that- (i) A resident receives care, consistent with professional standards of practice, to prevent pressure ulcers and does not develop pressure ulcers unless the individual's clinical condition demonstrates that they were unavoidable; and (ii) A resident with pressure ulcers receives necessary treatment and services, consistent with professional standards of practice, to promote healing, prevent infection and prevent new ulcers from developing. This REQUIREMENT is not met as evidenced by: Based on observation, interview and document review, the facility failed to implement pressure relieving interventions and ensure timely assistance with repositioning for 1 of 1 resident (R21) with a current facility acquired unstageable (depth unknown) pressure ulcer observed for	F 686	Resident R21's plan of care was reviewed at the time the deficiency was noted. It was found that resident preferred wear wearing slippers at times, but this preference was not reflected in the plan of care. Plan of care was updated on	12/6/21	

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F 686	<p>Continued From page 5 pressure ulcer cares.</p> <p>Findings include:</p> <p>R21's Quarterly Minimum Data Set (MDS) dated 8/24/21, identified R21 had severely impaired cognition and had diagnoses which included: diabetes mellitus (DM), hypertension (HTN), and one unstageable pressure ulcer with suspected deep tissue injury (injury to underlying tissue below the skin's surface that resulted from prolonged pressure in that area) . The MDS indicated R21 required extensive assistance with bed transfers, mobility, personal hygiene, toileting, dressing, and was dependent upon staff to apply and remove foot wear. The MDS identified R21 was at risk for development of additional pressure ulcers and received various pressure ulcer relieving treatments/interventions which included: nutrition/hydration, pressure relieving device for chair, and pressure ulcer care/dressing.</p> <p>R21's care plan dated 8/2/21, identified R21 had self-care deficits and was at risk for altered skin integrity related to impaired mobility, weakness, a stage two pressure ulcer to left heel, and required extensive assistance of staff for all cares. The care plan directed staff to place a Prafo (a device worn on the foot similar to a boot used to alleviate pressure and prevent heel pressure ulcers) boot to left foot during the day and reposition R21 in wheel chair every 2 hours.</p> <p>Brandon scale assessment (a tool used to identify pressure ulcer score risk) was requested and was not provided.</p> <p>R21's physician order dated 8/27/21, instructed</p>	F 686	<p>10/28/21 to reflect this preference. Residents provider has been updated and order for Prafo boots was changed to align with this resident preference. R21's pressure ulcer was noted to be completely healed on 11/22/21 as evidenced by the area being completely intact with healthy epithelial tissue in place. R21's most recent Braden assessment completed on 8/21/21 indicates resident remains at risk for skin breakdown. At this time R21's plan of care will continue to include every 2-hour repositioning and Prafo boots per the revised plan of care as a preventative measure. Therapy will be consulted to evaluate resident's wheelchair to ensure proper positioning of feet and wheelchair pedals.</p> <p>Any resident with a pressure ulcer and all residents identified on the MDS as at risk for development of pressure ulcers have the potential to be affected by this deficient practice. These residents have been assessed and plan of care reviewed to ensure it reflects current need based on risk.</p> <p>Policy reviewed and standard work (procedure) developed to provide clear direction for staff on implementation and documentation of pressure relieving measures. Resident specific measures will be added to the EMAR for the nurse to verify placement every shift. All staff that provide resident care will receive education on proper placement of Prafo boots, other pressure relieving interventions, repositioning schedules,</p>		

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F 686	<p>Continued From page 6</p> <p>staff to keep the heel protector on at all times, watch positioning so resident did not load heels on the floor every shift.</p> <p>R21's Kardex dated 10/27/21, directed staff to reposition R21 every two hours, free float heels in bed and recliner, and apply Prafo boot to left foot.</p> <p>During a wound rounding visit on 8/10/21, nurse practitioner (NP) identified a fluid filled blister on R21's left heel which measured 3.3 centimeters (cm) by 5 cm, had yellow discoloration, mostly orange with the center noted to be more dark purple. NP indicated R21's left heel had a deep tissue injury, and the plan directed staff to continue floating heels to keep pressure off.</p> <p>During a wound rounding visit on 8/24/21, NP identified a 4 cm by 3 cm stable eschar (a dark dry scab) on R21's left heel and directed staff to continue pressure relieving interventions.</p> <p>During a wound rounding visit on 8/26/21, NP identified a 3 cm blister to left heel, unable to gauge the depth, the capillary refill was delayed, was hemorrhagic (bloody), and was drying up. R21 had a severe musculoskeletal deformity and was unable to bend knees. NP indicated R21 most likely sat with his left foot in an extended position and the posterior aspect of R21's heel had been in contact with the floor. NP recommended off loading measures which included a foam boot.</p> <p>During a wound rounding visit on 9/1/21, NP identified a 2.3 cm by 1.2 cm left heel unstageable pressure ulcer. NP recommended continued use of pressure relieving boots.</p>	F 686	<p>and reporting to a nurse when a resident preference does not align with the plan of care. All staff that provide resident care will complete a written post-test competency.</p> <p>Nursing leadership will conduct 1 audit per shift per week, with at least 5 residents in each audit, for 8 weeks. Each audit will include 100% of residents with pressure ulcers and a random sampling of residents who are at risk for developing pressure ulcers to ensure all pressure relieving measures are in place per plan of care. Results of these audits be reviewed by the QAPI committee who will determine a plan for ongoing auditing. The Director of Nursing will be responsible for ensure this plan of correction is followed.</p>		

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F 686	<p>Continued From page 7</p> <p>Podiatrist orders written on 8/26/21, identified continued use with the left heel protector at all times, directed staff to continue to work on wheel chair modifications to off load on the heel, and watch positioning so R21 did not load heels on the floor.</p> <p>During an observation on 10/25/21, at 3:27 p.m. R21 sat in recliner with feet elevated on foot rest, the Prafo boots were not on R21's heels and were noted to be on top of the bed.</p> <p>During an observation on 10/25/21, at 5:15 p.m. and 5:30 p.m. R21 sat in wheel chair with socks and slippers on both feet. R21's heels rested on the foot rests, the Prafo boots were not on R21's heels and continued to be on top of the bed.</p> <p>During an observation on 10/26/21, at 11:41 a.m. R21 sat in his wheel chair with a Prafo boot on the left foot. R21's boot was twisted and not properly placed at the time. R21's left foot was wedged between the foot rests and rested on the floor.</p> <p>During an observation on 10/27/21, at 7:49 a.m. R21 sat in the wheel chair with socks and slippers on both feet. R21's heels rested on the foot rests. The Prafo boots were not on R21's heels and were noted to be on top of the bed.</p> <p>During an observation on 10/27/21, at 8:23 a.m. R21 sat in the wheel chair with socks and slippers on both feet. R21's left foot/heel rested on the foot rest, R21's right foot was located down between the foot rests and positioned on the floor. R21's Prafo boots continued to be on top of the bed.</p>	F 686			



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F 686	<p>Continued From page 8</p> <p>During an observation on 10/27/21, at 8:45 a.m. R21 sat in the wheel chair with socks and slippers on both feet. R21's feet were located between the foot rests, both heels were planted on the floor and the Prafo boots were not on R21's heels.</p> <p>During an observation on 10/27/21, at 12:01 p.m., 12:30 p.m., 12:45 p.m. R21 sat in the wheel chair with socks and slippers on both feet and the bedside table positioned in front of him. R21's feet were placed underneath the bedside table and both heels without the Prafo boots on rested on the metal bar.</p> <p>During an observation on 10/28/21, at 8:56 a.m. R21 sat in the wheel chair with socks and slippers on. R21's left heel was positioned on the foot rest without the Prafo boots on. R21's Prafo boots were noted to be on top of the bed.</p> <p>During an observation on 10/28/21, at 9:56 a.m. R21 sat in the wheel chair with socks and slippers on. R21's right foot had fallen between the foot rests and was positioned on the metal bar underneath the bedside table. R21's left foot/heel was positioned on the foot rest without the Prafo boot on.</p> <p>During an observation on 10/28/21, at 2:11 p.m. R21 sat in the wheel chair with socks and slippers on. R21's bedside table was in front of him and no foot rests were noted on R21's wheel chair. R21's left foot/heel without the Prafo boot on rested flat on the floor and pushed up against the metal bar at the base of the bedside table.</p> <p>During an observation/interview on 10/28/21, at 10:09 a.m. R21 sat in the wheel chair with socks and slippers on his feet and without the Prafo</p>	F 686			

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F 686	<p>Continued From page 9</p> <p>boots on. R21's right foot was located between the foot rests and positioned on the metal bar underneath the beside table. R21's left foot/heel was positioned on the foot rest of the wheel chair. Licensed practical nurse (LPN)-B removed R21's slipper and sock from his left foot and the dressing from the left heel. LPN-B stated the heel pressure ulcer had scabbed over. LPN- B verified the pressure ulcer measured 1 cm in diameter and surrounding skin was intact without redness or drainage. LPN-B stated she was unsure when R21 should have Prafo boot placed.</p> <p>During an interview on 10/28/21, at 10:11 a.m. NA-D stated R21 required total assistance with all cares and was repositioned every two hours. NA-D indicated R21 should have had the Prafo boot on when he sat in the wheel chair for more than one hour. NA-D stated R21 should have been transferred to the recliner after meals to off load the left heel.</p> <p>During an interview on 10/28/21, at 10:25 a.m. registered nurse (RN)-A stated R21 required extensive assistance with cares from staff and should have been repositioned every two hours. RN-A verified R21 had been up in the wheel chair from 8:00 a.m. until 10:25 a.m., had not been repositioned within the two hour time frame and R21's heels had been positioned on the foot rests without the Prafo boots on. RN-A stated R21's kardex directed staff to float R21's left heel in bed and when up in the recliner.</p> <p>During an interview on 10/28/21, at 2:14 p.m. clinical manager (CM)-B confirmed R21 sat in the wheel chair with both feet resting on the floor without the Prafo boots on. CM-B stated R21 spent a significant amount of time in his wheel</p>	F 686			

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F 686	Continued From page 10 chair and the left heel needed to be off loaded, free floating, and placement of the Prafo boot to the left foot would have accomplished that need. CM-B verified the left heel pressure ulcer had been caused by pressure and allowing his feet to rest on the floor was not ideal as he was at risk for worsening of his pressure ulcer or of developing another one. CM-B stated staff were expected to implement interventions to aid in healing pressure ulcers, prevent worsening of current pressure ulcers and to prevent ulcers from deteriorating.  Facility policy titled Skin Care Management revised 5/20/19, identified the purpose of the policy was to provide preventive skin care measure for residents. The policy identified a resident with cognitive loss, decreased mobility, and diabetes, placed them at a high risk for a pressure ulcer and skin breakdown. The staff were directed to protect bony prominence susceptible to pressure such as heels and establish an individualized turning and repositioning schedule for the resident that had been immobile.	F 686			
F 812 SS=E	Food Procurement,Store/Prepare/Serve-Sanitary CFR(s): 483.60(i)(1)(2)  §483.60(i) Food safety requirements. The facility must -  §483.60(i)(1) - Procure food from sources approved or considered satisfactory by federal, state or local authorities. (i) This may include food items obtained directly from local producers, subject to applicable State and local laws or regulations. (ii) This provision does not prohibit or prevent	F 812		12/6/21	

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F 812	<p>Continued From page 11</p> <p>facilities from using produce grown in facility gardens, subject to compliance with applicable safe growing and food-handling practices. (iii) This provision does not preclude residents from consuming foods not procured by the facility.</p> <p>§483.60(i)(2) - Store, prepare, distribute and serve food in accordance with professional standards for food service safety. This REQUIREMENT is not met as evidenced by: Based on observation, interview and document review, food was not served in a sanitary and clean manner for 23 residents who resided in the Meadow Brook unit, observed during dining observation. This deficient practice had the potential to affect all residents residing on the unit.</p> <p>Findings Include:</p> <p>On 10/25/21, at 5:26 p.m. dietary aide (DA)-A was in the kitchenette on the Meadow Brook unit. DA-A was setting up the food to be served and took temperatures of the foods on the steam tray. DA-A was noted to have no hair net on while standing over the food to be served. At 6:02 p.m. DA-A dished up the residents' food with gloves on however continued to not have a hair net on. DA-A picked up a sandwich with her gloved hands, placed it on a Styrofoam container, walked over to the counter, retrieved a container of fruit, opened a clear container of crackers, picked up creamer and crackers and closed the cracker container. DA-A placed the items on a Styrofoam container, picked up a black marker, wrote on the Styrofoam container with her right hand, placed the marker down, picked up the meal slip with her right hand, put it next to the pile</p>	F 812	<p>Education was provided to DA-A on 10-25-21, including hairnet use, proper glove use, and hand hygiene. DA-As supervisor will complete the Essentia Health Just Culture Algorithm to identify appropriate follow-up to this performance concern; documentation will be placed in DA-A's employee file.</p> <p>All residents in the facility receiving meal service have the potential to be affected by the deficient practice.</p> <p>The facility policy, Personal Hygiene and Habits, was reviewed; no changes were required. The facility developed standard work (procedure) for hand hygiene and glove use in the facility kitchens. All staff that work in the facility kitchens will receive education and competency evaluation on hand hygiene, glove use, and hairnet use.</p> <p>Facility leadership will conduct 10 random audits per week for 8 weeks. Audits will include observation of all kitchens during all 3 mealtimes. Results of these audits will be reviewed by the QAPI committee</p>		

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F 812	<p>Continued From page 12</p> <p>and placed the Styrofoam container on the cart. DA-A picked up a new Styrofoam container, retrieved a plastic bowel, dished up vegetables, reached into the steam table and removed a breadstick with her right gloved hand and used the black marker to write on the container. DA-A picked up the next meal slip with her right hand and placed it next to the meal slip pile. DA-A continued to touch the marker, paper meal slips and various containers in the kitchenette, as well as touching breadsticks and sandwiches with the same gloved hands and without wearing a hairnet. DA-A was noted to wear the same gloves during the entire meal service and had not sanitized her hands after touching the food items. At 6:11 p.m. DA-A removed her gloves, washed her hands in the sink and began to put items in the kitchenette away.</p> <p>On 10/25/21, at 6:11 p.m. DA-A confirmed she had not been wearing her hair net while serving the residents their food. DA-A stated she had been busy and had forgotten to wear her hair net however normally would have worn one since they were required to. At 6:16 p.m. during a follow up interview, DA-A stated she wore gloves anytime she dished up food. DA-A indicated when she would touch items like the refrigerator, she was expected to change her gloves, wash her hands and put on new gloves. DA-A confirmed contamination could have occurred when she used the same gloves while touching the food slips and the residents food.</p> <p>On 10/28/21, at 10:38 p.m. dietary manager (DM)-A indicated her expectations for glove use while serving meals included: staff were to not touch foods with their bare hands, and if they changed tasks, such as answering the phone and</p>	F 812	<p>who will determine a plan for ongoing auditing based on these results. The Dietary Manager will be responsible for ensuring this plan of correction is followed.</p>		

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F 812	Continued From page 13 touching sandwiches they were expected to remove their gloves, wash their hands and apply new gloves. DM-A stated when touching ready made foods and meal slips, which would be considered changing of tasks; staff wre expected to remove their gloves, wash their hands, and apply new gloves to prevent cross contamination. DM-A also confirmed she expected staff to wear a hairnet when in a food production or food service area.  The facility policy titled, Personal Hygiene And Habits, dated 5/1/20, identified foods should not be handled with hands unless absolutely necessary. The policy identified gloves, spoons, forks, tongs, etc. should be used as much as possible. The policy further identified hairnets were required in food preparation areas.	F 812			
F 880 SS=E	Infection Prevention & Control CFR(s): 483.80(a)(1)(2)(4)(e)(f)  §483.80 Infection Control The facility must establish and maintain an infection prevention and control program designed to provide a safe, sanitary and comfortable environment and to help prevent the development and transmission of communicable diseases and infections.  §483.80(a) Infection prevention and control program. The facility must establish an infection prevention and control program (IPCP) that must include, at a minimum, the following elements:  §483.80(a)(1) A system for preventing, identifying, reporting, investigating, and controlling infections and communicable diseases for all residents,	F 880		12/2/21	

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F 880	<p>Continued From page 14</p> <p>staff, volunteers, visitors, and other individuals providing services under a contractual arrangement based upon the facility assessment conducted according to §483.70(e) and following accepted national standards;</p> <p>§483.80(a)(2) Written standards, policies, and procedures for the program, which must include, but are not limited to:</p> <p>(i) A system of surveillance designed to identify possible communicable diseases or infections before they can spread to other persons in the facility;</p> <p>(ii) When and to whom possible incidents of communicable disease or infections should be reported;</p> <p>(iii) Standard and transmission-based precautions to be followed to prevent spread of infections;</p> <p>(iv) When and how isolation should be used for a resident; including but not limited to:</p> <p>(A) The type and duration of the isolation, depending upon the infectious agent or organism involved, and</p> <p>(B) A requirement that the isolation should be the least restrictive possible for the resident under the circumstances.</p> <p>(v) The circumstances under which the facility must prohibit employees with a communicable disease or infected skin lesions from direct contact with residents or their food, if direct contact will transmit the disease; and</p> <p>(vi) The hand hygiene procedures to be followed by staff involved in direct resident contact.</p> <p>§483.80(a)(4) A system for recording incidents identified under the facility's IPCP and the corrective actions taken by the facility.</p>	F 880			

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F 880	<p>Continued From page 15</p> <p>§483.80(e) Linens. Personnel must handle, store, process, and transport linens so as to prevent the spread of infection.</p> <p>§483.80(f) Annual review. The facility will conduct an annual review of its IPCP and update their program, as necessary. This REQUIREMENT is not met as evidenced by: Based on observation, interview and document review, the facility failed to ensure appropriate handwashing and personal protective equipment (PPE) protocols were observed for 2 of 2 residents (R32, R46) who required isolation precautions for Coronavirus Disease 2019 (COVID-19). This deficient practice had the potential to affect all 65 residents residing in the facility.</p> <p>Findings include:</p> <p>R32's quarterly Minimum Data Set (MDS) dated 9/21/21, identified R32 had slightly impaired cognition and had diagnoses which included: congestive heart failure (CHF) and diabetes mellitus (DM). The MDS indicated R32 required extensive assistance with bed mobility, transfers, locomotion, dressing, and toileting and had limited range of motion (ROM) on one side of lower extremity.</p> <p>R32's Department of Laboratory Medicine and Pathology report dated 10/12/21, identified positive results for COVID-19.</p> <p>R46's quarterly MDS dated 9/17/21, identified R46 had intact cognition and had diagnoses which included: multi resistant</p>	F 880	<p>Immediate education was proved to NA-C on 10-27-21 by CM-B. NA-C's supervisor will complete the Essentia Health Just Culture Algorithm to identify appropriate follow-up to this performance concern; documentation will be placed in the employee file.</p> <p>On 10-24, R32 was removed from isolation and transmission-based precautions were discontinued. On 10-28-21, the facility removed R46 from isolation and discontinued transmission-based precautions.</p> <p>All residents in the facility have the potential to be affected by this deficient practice. There are currently no residents in the facility that require transmission-based precautions.</p> <p>A root cause analysis was conducted by the facility and will be reviewed with the QAPI committee and governing body. Facility policy was reviewed and updated related to PPE use and transmission-based precautions. Standard work (procedure) developed for the use of PPE during quarantine and</p>		



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F 880	<p>Continued From page 16</p> <p>organism/pneumonia and heart failure. The MDS indicated R46 required extensive assistance with dressing and limited assistance needed for hygiene.</p> <p>R46's Department of Laboratory Medicine and Pathology report dated 10/17/21, identified positive results for COVID-19.</p> <p>During an observation on 10/27/21, at 12:37 p.m. R32's and R46's shared bedroom door room had been left wide open. A stop sign hung on the outside of the door and identified droplet precautions and indicated full PPE was to be worn. A PPE bin was located outside the door of the room stocked with PPE supplies. A nursing assistant (NA)-C walked from R46's bedside to the open door. NA-C was noted to not have an isolation gown or gloves on. NA-C picked up two cups from the other side of the room where R32 laid in bed and exited the room without sanitizing her hands or changing her mask. NA-C carried the two cups down the hallway two doors away, placed the cups onto the food cart where a plate of covered food sat ready to be delivered to another resident. NA-C walked back to R32's and R46's doorway, sanitized her hands and re-entered the room without applying a gown or gloves. At 12:00 p.m. NA-C who continued to not have a gown or gloves on, opened the door, exited the room, sanitized her hands, removed mask and goggles and applied a new mask and goggles.</p> <p>During an interview on 10/27/21, at 12:49 p.m. NA-C stated staff were expected to wear full PPE when a COVID positive resident room was entered. NA-C confirmed she had not been wearing a gown or gloves either time she entered</p>	F 880	<p>isolation. This includes standard, contingency, and crisis use of gowns, gloves, source control masks, and eyewear. All staff will receive education on this standard work and policies related to standard infection control practices, transmission-based precautions, and PPE use. All staff that provide resident care or enter resident rooms will complete a written post-test competency to validate they have understood all requirements related to PPE use, including donning and doffing, and transmission-based precautions. Residents and their representatives will receive written communication from the facility on these policies and practices as it relates to them, to the degree they are capable of understanding.</p> <p>The Director of nursing, infection preventionist, and facility leadership will conduct routine audits on PPE use, including gown use with transmission-based precautions and all aerosolized procedures 4 times per week for 1 week, then twice weekly for one week once 100% compliance is met. Audits will continue until 100% compliance is met on source control masking for staff, visitors, and residents. Audits will be reviewed at QAPI committee who will make recommendations for ongoing audits.</p>		

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F 880	<p>Continued From page 17</p> <p>R32's and R46's shared bedroom. NA-C verified she stood next to R46 who was COVID-19 positive and assisted to set up his lunch. NA-C confirmed she had not sanitized her hands, changed her mask or goggles after exiting the room, or prior to bringing the cups to the food cart. NA- verified she assisted R32 out of bed, into his wheelchair and set up his lunch without wearing a gown or gloves. NA-C stated a STOP sign located on the door identified full PPE should have been worn prior to entering the room and stated she should have applied a gown and gloves.</p> <p>During an interview on 10/28/21, at 10:25 a.m. registered nurse (RN)-A stated staff were expected to wear full PPE when they entered a COVID-19 positive resident's room. RN-A indicated staff were expected to sanitize hands prior to removal of and after the application of gloves. RN-A identified these practices were completed to prevent cross contamination of COVID-19 and other infectious diseases between residents and staff.</p> <p>During an interview on 10/28/21, at 11:02 a.m. clinical manager (CM)-A stated staff were expected to wear a gown, gloves, a N95 mask, and protective eyewear prior to entering a COVID positive resident's room.</p> <p>During an interview on 10/28/21, at 2:14 p.m. CM-B stated both R32 and R46 tested positive for COVID and remained in a shared isolation room. CM-B indicated staff were expected to wear full PPE when they entered a COVID-19 positive resident's room.</p> <p>During an interview on 10/28/21, at 2:46 p.m.</p>	F 880			

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F 880	<p>Continued From page 18</p> <p>infection preventionist (IP) stated staff were expected to wear full PPE prior to entering a COVID-19 positive resident's room. IP indicated staff were expected to change PPE in between residents and to sanitize their hands. IP stated all of these expectations were required to prevent the transmission of COVID-19 and other infectious diseases to other residents and staff.</p> <p>Facility policy titled Infection Prevention and Control Program revised 4/1/20, identified staff were expected to provide safe, sanitary, and comfortable environment to assure the development and transmission of communicable diseases and infections were prevented. Transmission-based precautions (TBP) should have been used when indicated to prevent the spread of infections.</p> <p>Facility policy titled Precautions, Standard and Transmission-Based revised 4/2/20, provided guidelines to reduce the risk of transmitting infections among residents, staff, and visitors. TBP should have been used in addition to standard precautions for the care of patients with diseases transmitted by airborne or droplet routes. Droplet precautions required for COVID and full PPE (gown, gloves, eye protection, and mask) were expected to be worn when staff entered the resident's room.</p>	F 880			

<b>FIRE SAFETY SURVEY REPORT - 2012 LIFE SAFETY CODE HEALTHCARE</b>	1. (A) PROVIDER NUMBER <small>K1</small>	1. (B) MEDICAID I.D. NO. <small>K2</small>
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PART I — Life Safety Code, New and Existing  
PART II — Health Care Facilities Code, New and Existing  
PART III — Recommendation for Waiver  
PART IV – Crucial Data Extract

OPTIONAL — Chapter 4 – NFPA 101A - Fire Safety Evaluation System for Health Care Occupancies – CMS-2786T

Identifying information as shown in applicable records. Enter changes, if any, alongside each item, giving date of change.

2. NAME OF FACILITY	2. (A) MULTIPLE CONSTRUCTION (BLDGS) A. BUILDING _____ B. WING _____ C. FLOOR _____ <small>K3</small>	2. (B) ADDRESS OF FACILITY (STREET, CITY, STATE, ZIP CODE)	A. <input type="checkbox"/> Fully Sprinklered (All required areas are sprinklered) B. <input type="checkbox"/> Partially Sprinklered (Not all required areas are sprinklered) C. <input type="checkbox"/> None (No sprinkler system) <small>K0180</small>
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3. SURVEY FOR <input type="checkbox"/> MEDICARE <input type="checkbox"/> MEDICAID	4. DATE OF SURVEY <small>K4</small>	DATE OF PLAN APPROVAL <small>K6</small>	SURVEY UNDER 5. <input type="checkbox"/> 2012 EXISTING      6. <input type="checkbox"/> 2012 NEW <small>K7</small>
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5. SURVEY FOR CERTIFICATION OF

1.  HOSPITAL      2.  SKILLED/NURSING FACILITY      4.  ICF/IID UNDER HEALTH CARE      5.  HOSPICE

IF "2" OR "5" ABOVE IS MARKED, CHECK APPROPRIATE ITEM(S) BELOW

1. <input type="checkbox"/> ENTIRE FACILITY    2. <input type="checkbox"/> DISTINCT PART OF (SPECIFY) _____	3. <input type="checkbox"/> IF DISTINCT PART OF HOSPITAL, IS HOSPITAL ACCREDITED? a. <input type="checkbox"/> YES      b. <input type="checkbox"/> NO
---	--

6. BED COMPOSITION	a. TOTAL NO. OF BEDS IN THE FACILITY _____	b. NUMBER OF HOSPITAL BEDS CERTIFIED FOR MEDICARE _____	c. NUMBER OF SKILLED BEDS CERTIFIED FOR MEDICARE _____	d. NUMBER OF SKILLED BEDS CERTIFIED FOR MEDICAID _____	e. NUMBER OF NF or ICF/IID BEDS CERTIFIED FOR MEDICAID _____
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7. A.  THE FACILITY MEETS THE STANDARD, BASED UPON (CHECK ALL APPROPRIATE BOXES)

1.  COMPLIANCE WITH ALL PROVISIONS    2.  ACCEPTANCE OF A PLAN OF CORRECTION    3.  RECOMMENDED WAIVERS    4.  FSES    5.  PERFORMANCE BASED DESIGN

B.  THE FACILITY DOES NOT MEET THE STANDARD

<small>K9</small> SURVEYOR (S) <i>Kimberly Swenson</i>	TITLE	OFFICE	DATE
<small>K10</small> SURVEYOR ID			
FIRE AUTHORITY OFFICIAL <i>William Aderhalden 37009</i>	TITLE	OFFICE	DATE

CMS FORMS SHALL BE COMPLETED AND RETAINED AS PART OF THE SURVEY RECORD.

ID PREFIX		MET	NOT MET	N/A	REMARKS
	<b>PART I – NFPA 101 LSC REQUIREMENTS</b> <b>(Items in italics relate to the FSES)</b>				
	<b>SECTION 1 – GENERAL REQUIREMENTS</b>				
K100	<b>General Requirements – Other</b> List in the REMARKS section any LSC Section 18.1 and 19.1 General Requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.				
K111	<b>Building Rehabilitation</b> <i>Repair, Renovation, Modification, or Reconstruction</i> Any building undergoing repair, renovation, modification, or reconstruction complies with both of the following: <ul style="list-style-type: none"> <li>• Requirements of Chapter 18 and 19.</li> <li>• Requirements of the applicable Sections 43.3, 43.4, 43.5, and 43.6. 18.1.1.4.3, 19.1.1.4.3, 43.1.2.1</li> </ul> <b>Change of Use or Change of Occupancy</b> Any building undergoing change of use or change of occupancy classification complies with the requirements of Section 43.7, unless permitted by 18.1.1.4.2 or 19.1.1.4.2. 18.1.1.4.2 (4.6.7 and 4.6.11), 19.1.1.4.2 (4.6.7 and 4.6.11), 43.1.2.2 (43.7) <b>Additions</b> Any building undergoing an addition shall comply with the requirements of Section 43.8. If the building has a common wall with a nonconforming building, the common wall is a fire barrier having at least a two hour fire resistance rating constructed of materials as required for the addition. Communicating openings occur only in corridors and are protected by approved self-closing fire doors with at least a 1-1/2 hour fire resistance rating. Additions comply with the requirements of Section 43.8. 18.1.1.4.1 (4.6.7 and 4.6.11), 18.1.1.4.1.1 (8.3), 18.1.1.4.1.2, 18.1.1.4.1.3, 19.1.1.4.1 (4.6.7 and 4.6.11), 19.1.1.4.1.1 (8.3), 19.1.1.4.1.2, 19.1.1.4.1.3, 43.1.2.3(43.8)				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K112	<p><b>Sprinkler Requirements for Major Rehabilitation</b></p> <p>If a nonsprinklered smoke compartment has undergone major rehabilitation the automatic sprinkler requirements of 18.3.5 have been applied to the smoke compartment.</p> <p>In cases where the building is not protected throughout by a sprinkler system, the requirements of 18.4.3.2, 18.4.3.3, and 18.4.3.8 are also met.</p> <p>Note: Major rehabilitation involves the modification of more than 50 percent, or more than 4500 ft<sup>2</sup> of the area of the smoke compartment.</p> <p>18.1.1.4.3.3, 19.1.1.4.3.3</p>				
K131	<p><b>Multiple Occupancies – Sections of Health Care Facilities</b></p> <p>Sections of health care facilities classified as other occupancies meet all of the following:</p> <ul style="list-style-type: none"> <li>• They are not intended to serve four or more inpatients for purposes of housing, treatment, or customary access.</li> <li>• They are separated from areas of health care occupancies by construction having a minimum two hour fire resistance rating in accordance with Chapter 8.</li> <li>• The entire building is protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.</li> </ul> <p>Hospital outpatient surgical departments are required to be classified as an Ambulatory Health Care Occupancy regardless of the number of patients served.</p> <p>18.1.3.3, 19.1.3.3, 42 CFR 482.41, 42 CFR 485.623</p>				
K132	<p><b>Multiple Occupancies – Contiguous Non-Health Care Occupancies</b></p> <p>Non-health care occupancies that are located immediately next to a Health Care Occupancy, but are primarily intended to provide outpatient services are permitted to be classified as Business or Ambulatory Health Care Occupancies, provided the facilities are separated by construction having not less than two hour fire resistance-rated construction, and are not intended to provide services simultaneously for four or more inpatients. Outpatient surgical departments must be classified as Ambulatory Health Care Occupancy regardless of the number of patients served.</p> <p>18.1.3.4.1, 19.1.3.4.1</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS																							
K133	<p><b>Multiple Occupancies – Construction Type</b></p> <p>Where separated occupancies are in accordance with 18/19.1.3.2 or 18/19.1.3.4, the most stringent construction type is provided throughout the building, unless a two hour separation is provided in accordance with 8.2.1.3, in which case the construction type is determined as follows:</p> <ul style="list-style-type: none"> <li>The construction type and supporting construction of the health care occupancy is based on the story in which it is located in the building in accordance with 18/19.1.6 and Tables 18/19.1.6.1.</li> <li>The construction type of the areas of the building enclosing the other occupancies shall be based on the applicable occupancy chapters.</li> </ul> <p>18.1.3.5, 19.1.3.5, 8.2.1.3</p>																											
K161	<p><b>Building Construction Type and Height</b></p> <p>2012 EXISTING</p> <p>Building construction type and stories meets Table 19.1.6.1, unless otherwise permitted by 19.1.6.2 through 19.1.6.7</p> <p>19.1.6.4, 19.1.6.5</p> <table border="1" data-bbox="222 813 1100 1273"> <thead> <tr> <th></th> <th>Construction Type</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>I (442), I (332), II (222)</td> <td>Any number of stories non-sprinklered or sprinklered</td> </tr> <tr> <td>2</td> <td>II (111)</td> <td>One story non-sprinklered Maximum 3 stories sprinklered</td> </tr> <tr> <td>3</td> <td>II (000)</td> <td rowspan="4">Not allowed non-sprinklered Maximum 2 stories sprinklered</td> </tr> <tr> <td>4</td> <td>III (211)</td> </tr> <tr> <td>5</td> <td>IV (2HH)</td> </tr> <tr> <td>6</td> <td>V (111)</td> </tr> <tr> <td>7</td> <td>III (200)</td> <td rowspan="2">Not allowed non-sprinklered Maximum 1 story sprinklered</td> </tr> <tr> <td>8</td> <td>V (000)</td> </tr> </tbody> </table> <p><i>Sprinklered stories must be sprinklered throughout by an approved, supervised automatic system in accordance with section 9.7. (See 19.3.5)</i></p> <p><i>Give a brief description, in REMARKS, of the construction, the number of stories, including basements, floors on which patients are located, location of smoke or fire barriers and dates of approval. Complete sketch or attach small floor plan of the building as appropriate.</i></p>		Construction Type		1	I (442), I (332), II (222)	Any number of stories non-sprinklered or sprinklered	2	II (111)	One story non-sprinklered Maximum 3 stories sprinklered	3	II (000)	Not allowed non-sprinklered Maximum 2 stories sprinklered	4	III (211)	5	IV (2HH)	6	V (111)	7	III (200)	Not allowed non-sprinklered Maximum 1 story sprinklered	8	V (000)				
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K162	<p><b>Roofing Systems Involving Combustibles</b></p> <p>2012 EXISTING</p> <p>Buildings of Type I (442), Type I (332), Type II (222), or Type II (111) having roof systems employing combustible roofing supports, decking or roofing meet the following:</p> <ol style="list-style-type: none"> <li>1. roof covering meets Class C requirements.</li> <li>2. roof is separated from occupied building portions with a noncombustible floor assembly using not less than 2½ inches concrete or gypsum fill.</li> <li>3. attic or other space is either unoccupied or protected throughout by an approved automatic sprinkler system.</li> </ol> <p>19.1.6.2*, ASTM E108, ANSI/UL 790</p>																											



ID PREFIX		MET	NOT MET	N/A	REMARKS
K162	<p>2012 NEW</p> <p>Buildings of Type I (442), Type I (332), Type II (222), Type II (111) having roof systems employing combustible roofing supports, decking or roofing meet the following:</p> <ol style="list-style-type: none"> <li>1. roof covering meets Class A requirements.</li> <li>2. roof is separated from occupied building portions with 2 hour fire resistive noncombustible floor assembly using not less than 2½ inches concrete or gypsum fill.</li> <li>3. the structural elements supporting the rated floor assembly meet the required fire resistance rating of the building.</li> </ol> <p>18.1.6.2, ASTM E108, ANSI/UL 790</p>				
K163	<p><b>Interior Nonbearing Wall Construction</b></p> <p>Interior nonbearing walls in Type I or II construction are constructed of noncombustible or limited-combustible materials.</p> <p>Interior nonbearing walls required to have a minimum 2 hour fire resistance rating are permitted to be fire-retardant-treated wood enclosed within noncombustible or limited-combustible materials, provided they are not used as shaft enclosures.</p> <p>18.1.6.4, 18.1.6.5, 19.1.6.4, 19.1.6.5</p>				
<b>SECTION 2 – MEANS OF EGRESS REQUIREMENTS</b>					
K200	<p><b>Means of Egress Requirements – Other</b></p> <p>List in the REMARKS section any LSC Section 18.2 and 19.2 Means of Egress requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p> <p>18.2, 19.2</p>				
K211	<p><b>Means of Egress – General</b></p> <p>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 use in case of emergency, unless modified by 18/19.2.2 through 18/19.2.11.</p> <p>18.2.1, 19.2.1, 7.1.10.1</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K221	<p><b>Patient Sleeping Room Doors</b></p> <p>Locks on patient sleeping room doors are not permitted unless the key-locking device that restricts access from the corridor does not restrict egress from the patient room, or the locking arrangement is permitted for patient clinical, security or safety needs in accordance with 18.2.2.2.5 or 19.2.2.2.5.</p> <p>18.2.2.2, 19.2.2.2, TIA 12-4</p>				
K222	<p><b>Egress Doors</b></p> <p>Doors in a required means of egress shall not be equipped with a latch or a lock that requires the use of a tool or key from the egress side unless using one of the following special locking arrangements:</p> <p><input type="checkbox"/> CLINICAL NEEDS OR SECURITY THREAT LOCKING</p> <p>Where special locking arrangements for the clinical security needs of the patient are used, only one locking device shall be permitted on each door and provisions shall be made for the rapid removal of occupants by: remote control of locks; keying of all locks or keys carried by staff at all times; or other such reliable means available to the staff at all times.</p> <p>18.2.2.2.5.1, 18.2.2.2.6, 19.2.2.2.5.1, 19.2.2.2.6</p> <p><input type="checkbox"/> SPECIAL NEEDS LOCKING ARRANGEMENTS</p> <p>Where special locking arrangements for the safety needs of the patient are used, all of the Clinical or Security Locking requirements are being met. In addition, the locks must be electrical locks that fail safely so as to release upon loss of power to the device; the building is protected by a supervised automatic sprinkler system and the locked space is protected by a complete smoke detection system (or is constantly monitored at an attended location within the locked space); and both the sprinkler and detection systems are arranged to unlock the doors upon activation.</p> <p>18.2.2.2.5.2, 19.2.2.2.5.2, TIA 12-4</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K222	<p><input type="checkbox"/> DELAYED-EGRESS LOCKING ARRANGEMENTS Approved, listed delayed-egress locking systems installed in accordance with 7.2.1.6.1 shall be permitted on door assemblies serving low and ordinary hazard contents in buildings protected throughout by an approved, supervised automatic fire detection system or an approved, supervised automatic sprinkler system. 18.2.2.2.4, 19.2.2.2.4</p> <p><input type="checkbox"/> ACCESS-CONTROLLED EGRESS LOCKING ARRANGEMENTS Access-Controlled Egress Door assemblies installed in accordance with 7.2.1.6.2 shall be permitted. 18.2.2.2.4, 19.2.2.2.4</p> <p><input type="checkbox"/> ELEVATOR LOBBY EXIT ACCESS LOCKING ARRANGEMENTS Elevator lobby exit access door locking in accordance with 7.2.1.6.3 shall be permitted on door assemblies in buildings protected throughout by an approved, supervised automatic fire detection system and an approved, supervised automatic sprinkler system. 18.2.2.2.4, 19.2.2.2.4</p>				
K223	<p><b>Doors with Self-Closing Devices</b> Doors in an exit passageway, stairway enclosure, or horizontal exit, smoke barrier, or hazardous area enclosure are self-closing and kept in the closed position, unless held open by a release device complying with 7.2.1.8.2 that automatically closes all such doors throughout the smoke compartment or entire facility upon activation of:</p> <ul style="list-style-type: none"> <li>• Required manual fire alarm system; and</li> <li>• Local smoke detectors designed to detect smoke passing through the opening or a required smoke detection system; and</li> <li>• Automatic sprinkler system, if installed; and</li> <li>• Loss of power.</li> </ul> <p>18.2.2.2.7, 18.2.2.2.8, 19.2.2.2.7, 19.2.2.2.8</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K224	<p><b>Horizontal-Sliding Doors</b></p> <p>Horizontal-sliding doors permitted by 7.2.1.14 that are not automatic-closing are limited to a single leaf and shall have a latch or other mechanism to ensure the door will not rebound.</p> <p>Horizontal-sliding doors serving an occupant load fewer than 10 shall be permitted, providing all of the following criteria are met:</p> <ul style="list-style-type: none"> <li>• Area served by the door has no high hazard contents.</li> <li>• Door is operable from either side without special knowledge or effort.</li> <li>• Force required to operate the door in the direction of travel is <math>\leq 30</math> lbf to set the door in motion and <math>\leq 15</math> lbf to close or open to the required width.</li> <li>• Assembly is appropriately fire rated, and where rated, is self-or automatic-closing by smoke detection per 7.2.1.8, and installed per NFPA 80.</li> <li>• Where required to latch, the door has a latch or other mechanism to ensure the door will not rebound.</li> </ul> <p>18.2.2.2.10, 19.2.2.2.10</p>				
K225	<p><b>Stairways and Smokeproof Enclosures</b></p> <p>Stairways and Smokeproof enclosures used as exits are in accordance with 7.2.</p> <p>18.2.2.3, 18.2.2.4, 19.2.2.3, 19.2.2.4, 7.2</p>				
K226	<p><b>Horizontal Exits</b></p> <p>Horizontal exits, if used, are in accordance with 7.2.4 and the provisions of 18.2.2.5.1 through 18.2.2.5.7, or 19.2.2.5.1 through 19.2.2.5.4.</p> <p>18.2.2.5, 19.2.2.5</p>				
K227	<p><b>Ramps and Other Exits</b></p> <p>Ramps, exit passageways, fire and slide escapes, alternating tread devices, and areas of refuge are in accordance with the provisions 7.2.5 through 7.2.12.</p> <p>18.2.2.6 to 18.2.2.10 or 19.2.2.6 to 19.2.2.10</p>				
K231	<p><b>Means of Egress Capacity</b></p> <p>The capacity of required means of egress is in accordance with 7.3.</p> <p>18.2.3.1, 19.2.3.1</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K232	<p><b>Aisle, Corridor or Ramp Width</b> 2012 EXISTING The width of aisles or corridors (clear or unobstructed) serving as exit access shall be at least 4 feet and maintained to provide the convenient removal of nonambulatory patients on stretchers, except as modified by 19.2.3.4, exceptions 1-5. 19.2.3.4, 19.2.3.5</p> <p>2012 NEW The width of aisles or corridors (clear and unobstructed) serving as exit access in hospitals and nursing homes shall be at least 8 feet. In limited care facility and psychiatric hospitals, width of aisles or corridors shall be at least 6 feet, except as modified by the 18.2.3.4 or 18.2.3.5 exceptions. 18.2.3.4, 18.2.3.5</p>				
K233	<p><b>Clear Width of Exit and Exit Access Doors</b> 2012 EXISTING Exit access doors and exit doors are of the swinging type and are at least 32 inches in clear width. Exceptions are provided for existing 34-inch doors and for existing 28-inch doors where the fire plan does not require evacuation by bed, gurney, or wheelchair. 19.2.3.6, 19.2.3.7</p> <p>2012 NEW Exit access doors and exit doors are of the swinging type and are at least 41.5 inches in clear width. In psychiatric hospitals or limited care facilities, doors are at least 32 inches wide. Doors not subject to patient use, in exit stairway enclosures, or serving newborn nurseries shall be no less than 32 inches in clear width. If using a pair of doors, the doors shall be provided with a rabbet, bevel, or astragal at the meeting edge, at least one of the doors shall provide 32 inches in clear width, and the inactive leaf of the pair shall be secured with automatic flush bolts. 18.2.3.6, 18.2.3.7</p>				
K241	<p><b>Number of Exits – Story and Compartment</b> Not less than two exits, remote from each other, and accessible from every part of every story are provided for each story. Each smoke compartment shall likewise be provided with two distinct egress paths to exits that do not require the entry into the same adjacent smoke compartment. 18.2.4.1-18.2.4.4, 19.2.4.1-19.2.4.4</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K251	<p><b>Dead-End Corridors and Common Path of Travel</b></p> <p>2012 EXISTING</p> <p>Dead-end corridors shall not exceed 30 feet. Existing dead-end corridors greater than 30 feet shall be permitted to be continued to be used if it is impractical and unfeasible to alter them.</p> <p>19.2.5.2</p>				
K251	<p>2012 NEW</p> <p>Dead-end corridors shall not exceed 30 feet. Common path of travel shall not exceed 100 feet.</p> <p>18.2.5.2, 18.2.5.3</p>				
K252	<p><b>Number of Exits – Corridors</b></p> <p>Every corridor shall provide access to not less than two approved exits in accordance with Sections 7.4 and 7.5 without passing through any intervening rooms or spaces other than corridors or lobbies.</p> <p>18.2.5.4, 19.2.5.4</p>				
K253	<p><b>Number of Exits – Patient Sleeping and Non-Sleeping Rooms</b></p> <p>Patient sleeping rooms of more than 1,000 square feet or nonsleeping rooms of more than 2,500 square feet have at least two exit access doors remotely located from each other.</p> <p>18.2.5.5.1, 18.2.5.5.2, 19.2.5.5.1, 19.2.5.5.2</p>				
K254	<p><b>Corridor Access</b></p> <p>All habitable rooms not within suites have a door leading directly outside to grade or have a door leading to an exit access corridor. Patient sleeping rooms with less than eight patient beds may have one room intervening to reach an exit access corridor provided the intervening room is equipped with an approved automatic smoke detection system.</p> <p>18.2.5.6.1 through 18.2.5.6.4, 19.2.5.6.1 through 19.2.5.6.4</p>				
K255	<p><b>Suite Separation, Hazardous Content, and Subdivision</b></p> <p>All suites are separated from the remainder of the building (including from other suites) by construction meeting the separation provisions for corridor construction (18.3.6.2-18.3.6.5 or 19.3.6.2-19.3.6.5). Existing approved barriers shall be allowed to continue to be used provided they limit the transfer of smoke. Intervening rooms have no hazardous areas and hazardous areas within suites comply with 18/19.2.5.7.1.3. Subdivision of suites shall be by noncombustible or limited-combustible construction.</p> <p>18.2.5.7.1.2 through 18.2.5.7.1.4, 19.2.5.7.1.2, 19.2.5.7.1.3, 19.2.5.7.1.4</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K256	<p><b>Sleeping Suites</b></p> <p>Occupants shall have exit access to a corridor or direct access to a horizontal exit. Where <math>\geq 2</math> exits are required, one exit access door may be to a stairway, passageway or to the exterior. Suites shall be provided with constant staff supervision. Staff shall have direct visual supervision of patient sleeping rooms, from a constantly attended location or the room shall be provided with an automatic smoke detection system.</p> <p>Suites more than 1,000 ft<sup>2</sup> shall have 2 or more remote exits. One means of egress from the suite shall be to a corridor and one may be into an adjacent suite separated in accordance with corridor requirements.</p> <p>Suites shall not exceed the following size limitations:</p> <ul style="list-style-type: none"> <li>• 5,000 square feet if the suite is not fully smoke detected or fully sprinklered.</li> <li>• 7,500 square feet if the suite is either fully smoke detected or fully sprinklered.</li> <li>• 10,000 square feet if the suite is both fully smoke detected and fully sprinklered and the sleeping rooms have direct supervision from a constantly attended location.</li> </ul> <p>Travel distance between any point in a suite to exit access shall not exceed 100 feet and distance to an exit shall not exceed 150 feet (200 feet if building is fully sprinklered).</p> <p>18.2.5.7.2, 19.2.5.7.2</p>				
K257	<p><b>Non-Sleeping Suites</b></p> <p>Occupants shall have exit access to a corridor or direct access to a horizontal exit. Where <math>\geq 2</math> exits are required, one exit access door may be to a stairway, passageway or to the exterior.</p> <p>Suites more than 2,500 ft<sup>2</sup> shall have 2 or more remote exits. One means of egress from the suite shall be to a corridor and one may be into an adjacent suite separated in accordance with corridor requirements.</p> <p>Suites shall not exceed 10,000 ft<sup>2</sup>.</p> <p>Travel distance between any point in a suite to exit access shall not exceed 100 feet and distance to an exit shall not exceed 150 feet (200 feet if building is fully sprinklered).</p> <p>18.2.5.7.3, 19.2.5.7.3</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K261	<p><b>Travel Distance to Exits</b></p> <p>Travel distance (excluding suites) to exits are measured in accordance with 7.6.</p> <ul style="list-style-type: none"> <li>From any point in the room or suite to exit less than or equal to 150 feet (less than or equal to 200 feet if the building is fully sprinklered).</li> <li>Point in a room to room door less than or equal to 50 feet.</li> </ul> <p>18.2.6, 19.2.6</p>				
K271	<p><b>Discharge from Exits</b></p> <p>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. Additionally, the exit discharge shall be a hard packed all-weather travel surface.</p> <p>18.2.7, 19.2.7</p>				
K281	<p><b>Illumination of Means of Egress</b></p> <p>Illumination of means of egress, including exit discharge, is arranged in accordance with 7.8 and shall be either continuously in operation or capable of automatic operation without manual intervention.</p> <p>18.2.8, 19.2.8</p>				
K291	<p><b>Emergency Lighting</b></p> <p>Emergency lighting of at least 1-1/2 hour duration is provided automatically in accordance with 7.9.</p> <p>18.2.9.1, 19.2.9.1</p>				
K292	<p><b>Life Support Means of Egress</b></p> <p>2012 NEW (INDICATE N/A FOR EXISTING)</p> <p>Buildings equipped with or requiring the use of life support systems (electro-mechanical or inhalation anesthetics) have illumination of means of egress, emergency lighting equipment, exit, and directional signs supplied by the life safety branch of the electrical system described in NFPA 99.</p> <p>(Indicate N/A if life support equipment is for emergency purposes only.)</p> <p>18.2.9.2, 18.2.10.5</p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS
K293	<p><b>Exit Signage</b> 2012 EXISTING Exit and directional signs are displayed in accordance with 7.10 with continuous illumination also served by the emergency lighting system. 19.2.10.1 (Indicate N/A in one-story existing occupancies with less than 30 occupants where the line of exit travel is obvious.)</p>				
	2012 NEW				
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	<b>SECTION 3 – PROTECTION</b>				
K300	<p><b>Protection – Other</b> List in the REMARKS section any LSC Section 18.3 and 19.3 Protection requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p>				
K311	<p><b>Vertical Openings – Enclosure</b> 2012 EXISTING Stairways, elevator shafts, light and ventilation shafts, chutes, and other vertical openings between floors are enclosed with construction having a fire resistance rating of at least 1-hour. An atrium may be used in accordance with 8.6. 19.3.1.1 through 19.3.1.6 <i>If all vertical openings are properly enclosed with construction providing at least a 2 hour fire resistance rating, also check this box.</i> <input type="checkbox"/></p>				
	<p>2012 NEW Stairways, elevator shafts, light and ventilation shafts, chutes, and other vertical openings between floors are enclosed with construction having a fire resistance rating of at least 2 hours connecting four or more stories. (1-hour for single story building and buildings up to three stories in height.) An atrium may be used in accordance with 8.6.7. 18.3.1 through 18.3.1.5</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS																																
K321	<p><b>Hazardous Areas – Enclosure</b>                      2012 EXISTING                      Hazardous areas are protected by a fire barrier having 1-hour fire resistance rating (with ¾ hour fire rated doors) or an automatic fire extinguishing system in accordance with 8.7.1 or 19.3.5.9. When the approved automatic fire extinguishing system option is used, the areas shall be separated from other spaces by smoke resisting partitions and doors in accordance with 8.4. Doors shall be self-closing or automatic-closing and permitted to have nonrated or field-applied protective plates that do not exceed 48 inches from the bottom of the door.  <i>Describe the floor and zone locations of hazardous areas that are deficient in REMARKS.</i>                      19.3.2.1, 19.3.5.9</p> <table border="1" data-bbox="210 743 1045 1222"> <thead> <tr> <th data-bbox="210 743 615 800">Area</th> <th data-bbox="615 743 842 800">Automatic Sprinkler</th> <th data-bbox="842 743 972 800">Separation</th> <th data-bbox="972 743 1045 800">N/A</th> </tr> </thead> <tbody> <tr> <td data-bbox="210 800 615 857">a. Boiler and Fuel-Fired Heater Rooms</td> <td data-bbox="615 800 842 857"></td> <td data-bbox="842 800 972 857"></td> <td data-bbox="972 800 1045 857"></td> </tr> <tr> <td data-bbox="210 857 615 914">b. Laundries (larger than 100 sq. ft.)</td> <td data-bbox="615 857 842 914"></td> <td data-bbox="842 857 972 914"></td> <td data-bbox="972 857 1045 914"></td> </tr> <tr> <td data-bbox="210 914 615 971">c. Repair, Maintenance, and Paint Shops</td> <td data-bbox="615 914 842 971"></td> <td data-bbox="842 914 972 971"></td> <td data-bbox="972 914 1045 971"></td> </tr> <tr> <td data-bbox="210 971 615 1044">d. Soiled Linen Rooms (exceeding 64 gal.)</td> <td data-bbox="615 971 842 1044"></td> <td data-bbox="842 971 972 1044"></td> <td data-bbox="972 971 1045 1044"></td> </tr> <tr> <td data-bbox="210 1044 615 1109">e. Trash Collection Rooms (exceeding 64 gal.)</td> <td data-bbox="615 1044 842 1109"></td> <td data-bbox="842 1044 972 1109"></td> <td data-bbox="972 1044 1045 1109"></td> </tr> <tr> <td data-bbox="210 1109 615 1166">f. Combustible Storage Rooms/Spaces (over 50 sq. ft.)</td> <td data-bbox="615 1109 842 1166"></td> <td data-bbox="842 1109 972 1166"></td> <td data-bbox="972 1109 1045 1166"></td> </tr> <tr> <td data-bbox="210 1166 615 1222">g. Laboratories (if classified as Severe Hazard - see K322)</td> <td data-bbox="615 1166 842 1222"></td> <td data-bbox="842 1166 972 1222"></td> <td data-bbox="972 1166 1045 1222"></td> </tr> </tbody> </table>	Area	Automatic Sprinkler	Separation	N/A	a. Boiler and Fuel-Fired Heater Rooms				b. Laundries (larger than 100 sq. ft.)				c. Repair, Maintenance, and Paint Shops				d. Soiled Linen Rooms (exceeding 64 gal.)				e. Trash Collection Rooms (exceeding 64 gal.)				f. Combustible Storage Rooms/Spaces (over 50 sq. ft.)				g. Laboratories (if classified as Severe Hazard - see K322)							
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ID PREFIX		MET	NOT MET	N/A	REMARKS																																				
K321	<p>2012 NEW</p> <p>Hazardous areas are protected in accordance with 18.3.2.1. The areas shall be enclosed with a 1-hour fire-rated barrier, with a ¾ hour fire-rated door without windows (in accordance with 8.7.1.1). Doors shall be self-closing or automatic-closing in accordance with 7.2.1.8. Hazardous areas are protected by a sprinkler system in accordance with 9.7, 18.3.2.1, and 8.4.</p> <p><i>Describe the floor and zone locations of hazardous areas that are deficient in REMARKS.</i></p> <p>18.3.2.1, 7.2.1.8, 8.4, 8.7, 9.7</p> <table border="1" data-bbox="210 625 1043 1182"> <thead> <tr> <th data-bbox="210 625 613 682">Area</th> <th data-bbox="613 625 840 682">Automatic Sprinkler</th> <th data-bbox="840 625 970 682">Separation</th> <th data-bbox="970 625 1043 682">N/A</th> </tr> </thead> <tbody> <tr> <td data-bbox="210 682 613 738">a. Boiler and Fuel-Fired Heater Rooms</td> <td data-bbox="613 682 840 738"></td> <td data-bbox="840 682 970 738"></td> <td data-bbox="970 682 1043 738"></td> </tr> <tr> <td data-bbox="210 738 613 795">b. Laundries (larger than 100 sq. ft.)</td> <td data-bbox="613 738 840 795"></td> <td data-bbox="840 738 970 795"></td> <td data-bbox="970 738 1043 795"></td> </tr> <tr> <td data-bbox="210 795 613 852">c. Repair, Maintenance, and Paint Shops</td> <td data-bbox="613 795 840 852"></td> <td data-bbox="840 795 970 852"></td> <td data-bbox="970 795 1043 852"></td> </tr> <tr> <td data-bbox="210 852 613 933">d. Soiled Linen Rooms (exceeding 64 gal.)</td> <td data-bbox="613 852 840 933"></td> <td data-bbox="840 852 970 933"></td> <td data-bbox="970 852 1043 933"></td> </tr> <tr> <td data-bbox="210 933 613 998">e. Trash Collection Rooms (exceeding 64 gal.)</td> <td data-bbox="613 933 840 998"></td> <td data-bbox="840 933 970 998"></td> <td data-bbox="970 933 1043 998"></td> </tr> <tr> <td data-bbox="210 998 613 1063">f. Combustible Storage Rooms/Spaces (over 50 and less than 100 sq. ft.)</td> <td data-bbox="613 998 840 1063"></td> <td data-bbox="840 998 970 1063"></td> <td data-bbox="970 998 1043 1063"></td> </tr> <tr> <td data-bbox="210 1063 613 1128">g. Combustible Storage Rooms/Spaces (over 100 sq. ft.)</td> <td data-bbox="613 1063 840 1128"></td> <td data-bbox="840 1063 970 1128"></td> <td data-bbox="970 1063 1043 1128"></td> </tr> <tr> <td data-bbox="210 1128 613 1182">h. Laboratories (if classified as Severe Hazard - see K322)</td> <td data-bbox="613 1128 840 1182"></td> <td data-bbox="840 1128 970 1182"></td> <td data-bbox="970 1128 1043 1182"></td> </tr> </tbody> </table>	Area	Automatic Sprinkler	Separation	N/A	a. Boiler and Fuel-Fired Heater Rooms				b. Laundries (larger than 100 sq. ft.)				c. Repair, Maintenance, and Paint Shops				d. Soiled Linen Rooms (exceeding 64 gal.)				e. Trash Collection Rooms (exceeding 64 gal.)				f. Combustible Storage Rooms/Spaces (over 50 and less than 100 sq. ft.)				g. Combustible Storage Rooms/Spaces (over 100 sq. ft.)				h. Laboratories (if classified as Severe Hazard - see K322)							
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ID PREFIX		MET	NOT MET	N/A	REMARKS
K322	<p><b>Laboratories</b></p> <p>Laboratories employing quantities of flammable, combustible, or hazardous materials that are considered a severe hazard are protected by 1-hour fire resistance-rated separation, automatic sprinkler system, and are in accordance with 8.7 and with NFPA 99.</p> <p>Laboratories not considered a severe hazard are protected as hazardous areas (see K321).</p> <p>Laboratories using chemicals are in accordance with NFPA 45, <i>Standard on Fire Protection for Laboratories Using Chemicals</i>.</p> <p>Gas appliances are of appropriate design and installed in accordance with NFPA 54. Shutoff valves are marked to identify material they control.</p> <p>Devices requiring medical grade oxygen from the piped distribution system meet the requirements under 11.4.2.2 (NFPA 99).</p> <p>18.3.2.2, 19.3.2.2, 8.7, 8.7.4.1 (LSC)</p> <p>9.3.1.2, 11.4.3.2, 15.4 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K323	<p><b>Anesthetizing Locations</b></p> <p>Areas designated for administration of general anesthesia (i.e., inhalation anesthetics) are in accordance with 8.7 and NFPA 99.</p> <p>Zone valves are: located immediately outside each life-support, critical care, and anesthetizing location of moderate sedation, deep sedation, or general anesthesia for medical gas or vacuum; readily accessible in an emergency; and arranged so shutting off any one anesthetizing location will not affect others.</p> <p>Area alarm panels are provided to monitor all medical gas, medical-surgical vacuum, and piped WAGD systems. Panels are at locations that provide for surveillance, indicate medical gas pressure decreases of 20 percent and vacuum decreases of 12 inch gauge HgV, and provide visual and audible indication. Alarm sensors are installed either on the source side of individual room zone valve box assemblies or on the patient/use side of each of the individual zone box valve assemblies.</p> <p>The EES critical branch supplies power for task illumination, fixed equipment, select receptacles, and select power circuits, and EES equipment system supplies power to ventilation system.</p> <p>Heating, cooling, and ventilation are in accordance with ASHRAE 170. Medical supply and equipment manufacturer's instructions for use are considered before reducing humidity levels to those allowed by ASHRAE, per S&amp;C 13-58.</p> <p>18.3.2.3, 19.3.2.3 (LSC)</p> <p>5.1.4.8.7, 5.1.4.8.7.2, 5.1.9.3, 5.1.9.3.4, 6.4.2.2.4.2 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K324	<p><b>Cooking Facilities</b></p> <p>Cooking equipment is protected in accordance with NFPA 96, <i>Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations</i>, unless:</p> <ul style="list-style-type: none"> <li>• residential cooking equipment (i.e., small appliances such as microwaves, hot plates, toasters) are used for food warming or limited cooking in accordance with 18.3.2.5.2, 19.3.2.5.2.</li> <li>• cooking facilities open to the corridor in smoke compartments with 30 or fewer patients comply with the conditions under 18.3.2.5.3, 19.3.2.5.3, or</li> <li>• cooking facilities in smoke compartments with 30 or fewer patients comply with conditions under 18.3.2.5.4, 19.3.2.5.4.</li> </ul> <p>Cooking facilities protected according to NFPA 96 per 9.2.3 are not required to be enclosed as hazardous areas, but shall not be open to the corridor.</p> <p>18.3.2.5.1 through 18.3.2.5.4, 19.3.2.5.1 through 19.3.2.5.5, 9.2.3, TIA 12-2</p>				
K325	<p><b>Alcohol Based Hand Rub Dispenser (ABHR)</b></p> <p>ABHRs are protected in accordance with 8.7.3.1, unless all conditions are met:</p> <ul style="list-style-type: none"> <li>• Corridor is at least 6 feet wide.</li> <li>• Maximum individual dispenser capacity is 0.32 gallons (0.53 gallons in suites) of fluid and 18 ounces of Level 1 aerosols.</li> <li>• Dispensers shall have a minimum of four foot horizontal spacing.</li> <li>• Not more than an aggregate of 10 gallons of fluid or 1135 ounces of aerosol are used in a single smoke compartment outside a storage cabinet, excluding one individual dispenser per room.</li> <li>• Storage in a single smoke compartment greater than 5 gallons complies with NFPA 30.</li> <li>• Dispensers are not installed within 1 inch of an ignition source.</li> <li>• Dispensers over carpeted floors are in sprinklered smoke compartments.</li> <li>• ABHR does not exceed 95 percent alcohol.</li> <li>• Operation of the dispenser shall comply with Section 18.3.2.6(11) or 19.3.2.6(11).</li> <li>• ABHR is protected against inappropriate access.</li> </ul> <p>18.3.2.6, 19.3.2.6, 42 CFR Parts 403, 418, 460, 482, 483, and 485</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K331	<p><b>Interior Wall and Ceiling Finish</b> 2012 EXISTING Interior wall and ceiling finishes, including exposed interior surfaces of buildings such as fixed or movable walls, partitions, columns, and have a flame spread rating of Class A or Class B. The reduction in class of interior finish for a sprinkler system as prescribed in 10.2.8.1 is permitted. 10.2, 19.3.3.1, 19.3.3.2 <i>Indicate flame spread rating(s).</i> _____</p> <p>2012 NEW Interior wall and ceiling finishes, including exposed interior surfaces of buildings such as fixed or movable walls, partitions and columns have a flame spread rating of Class A. The reduction in class of interior finish for a sprinkler system as prescribed in 10.2.8.1 is permitted. Individual rooms not exceeding four persons may have a Class A or B finish. Lower half of corridor walls, not exceeding 4 feet in height, may have a Class A or B flame spread rating. 10.2, 18.3.3.1, 18.3.3.2 <i>Indicate flame spread rating(s).</i> _____</p>				
K332	<p><b>Interior Floor Finish</b> 2012 NEW (Indicate N/A for 2012 EXISTING) Interior finishes shall comply with 10.2. Floor finishes in exit enclosures and exit access corridors and spaces not separated by walls that resist the passage of smoke shall be Class I or II. 18.3.3.3.1, 18.3.3.3.2, 18.3.3.3.3, 10.2, 10.2.7.1, 10.2.7.2</p>				
K341	<p><b>Fire Alarm System – Installation</b> A fire alarm system is installed with systems and components approved for the purpose in accordance with NFPA 70, <i>National Electric Code</i>, and NFPA 72, <i>National Fire Alarm Code</i> to provide effective warning of fire in any part of the building. In areas not continuously occupied, detection is installed at each fire alarm control unit. In new occupancy, detection is also installed at notification appliance circuit power extenders, and supervising station transmitting equipment. Fire alarm system wiring or other transmission paths are monitored for integrity. 18.3.4.1, 19.3.4.1, 9.6, 9.6.1.8</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K342	<p><b>Fire Alarm System – Initiation</b></p> <p>Initiation of the fire alarm system is by manual means and by any required sprinkler system alarm, detection device, or detection system. Manual alarm boxes are provided in the path of egress near each required exit. Manual alarm boxes in patient sleeping areas shall not be required at exits if manual alarm boxes are located at all nurse's stations or other continuously attended staff location, provided alarm boxes are visible, continuously accessible, and 200' travel distance is not exceeded.</p> <p>18.3.4.2.1, 18.3.4.2.2, 19.3.4.2.1, 19.3.4.2.2, 9.6.2.5</p>				
K343	<p><b>Fire Alarm – Notification</b></p> <p>2012 EXISTING</p> <p>Positive alarm sequence in accordance with 9.6.3.4 are permitted in buildings protected throughout by a sprinkler system. Occupant notification is provided automatically in accordance with 9.6.3 by audible and visual signals.</p> <p>In critical care areas, visual alarms are sufficient. The fire alarm system transmits the alarm automatically to notify emergency forces in the event of a fire.</p> <p>19.3.4.3, 19.3.4.3.1, 19.3.4.3.2, 9.6.4, 9.7.1.1(1)</p>				
	<p>2012 NEW</p> <p>Positive alarm sequence in accordance with 9.6.3.4 are permitted. Occupant notification is provided automatically in accordance with 9.6.3 by audible and visual signals.</p> <p>In critical care areas, visual alarms are sufficient. The fire alarm system transmits the alarm automatically to notify emergency forces in the event of a fire.</p> <p>Annunciation and annunciation zoning for fire alarm and sprinklers shall be provided by audible and visual indicators and zones shall not be larger than 22,500 square feet per zone.</p> <p>18.3.4.3 through 18.3.4.3.3, 9.6.4</p>				
K344	<p><b>Fire Alarm – Control Functions</b></p> <p>The fire alarm automatically activates required control functions and is provided with an alternative power supply in accordance with NFPA 72.</p> <p>18.3.4.4, 19.3.4.4, 9.6.1, 9.6.5, NFPA 72</p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS
K345	<p><b>Fire Alarm System – Testing and Maintenance</b></p> <p>A fire alarm system is tested and maintained in accordance with an approved program complying with the requirements of NFPA 70, <i>National Electric Code</i>, and NFPA 72, <i>National Fire Alarm and Signaling Code</i>. Records of system acceptance, maintenance and testing are readily available.</p> <p>9.6.1.3, 9.6.1.5, NFPA 70, NFPA 72</p>				
K346	<p><b>Fire Alarm – Out of Service</b></p> <p>Where required fire alarm system is out of services for more than 4 hours in a 24 hour period, the authority having jurisdiction shall be notified, and the building shall be evacuated or an approved fire watch shall be provided for all parties left unprotected by the shutdown until the fire alarm system has been returned to service.</p> <p>9.6.1.6</p>				
K347	<p><b>Smoke Detection</b></p> <p>2012 EXISTING</p> <p>Smoke detection systems are provided in spaces open to corridors as required by 19.3.6.1.</p> <p>19.3.4.5.2</p>				
	<p>2012 NEW</p> <p>Smoke detection systems are provided in spaces open to corridors as required by 18.3.6.1</p> <p>In nursing homes, an automatic smoke detection system is installed in the corridors of all smoke compartments containing resident sleeping rooms, unless the resident sleeping rooms have:</p> <ul style="list-style-type: none"> <li>• smoke detection, or</li> <li>• automatic door closing devices with integral smoke detectors on the room side that provide occupant notification.</li> </ul> <p>Such detectors are electrically interconnected to the fire alarm system.</p> <p>18.3.4.5.2, 18.3.4.5.3</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K351	<p><b>Sprinkler System – Installation</b> 2012 EXISTING</p> <p>Nursing homes, and hospitals where required by construction type, are protected throughout by an approved automatic sprinkler system in accordance with NFPA 13, <i>Standard for the Installation of Sprinkler Systems</i>.</p> <p>In Type I and II construction, alternative protection measures are permitted to be substituted for sprinkler protection in specific areas where state or local regulations prohibit sprinklers.</p> <p>In hospitals, sprinklers are not required in clothes closets of patient sleeping rooms where the area of the closet does not exceed 6 ft<sup>2</sup> and sprinkler coverage covers the closet footprint as required by NFPA 13, <i>Standard for Installation of Sprinkler Systems</i>.</p> <p>19.3.5.1, 19.3.5.2, 19.3.5.3, 19.3.5.4, 19.3.5.5, 19.4.2, 19.3.5.10, 9.7, 9.7.1.1(1)</p>				
	<p>2012 NEW</p> <p>Buildings are to be protected throughout by an approved automatic sprinkler system in accordance with NFPA 13, <i>Standard for the Installation of Sprinkler Systems</i>.</p> <p>In Type I and II construction, alternative protection measures are permitted to be substituted for sprinkler protection in specific areas where State and local regulations prohibit sprinklers.</p> <p>Listed quick-response or listed residential sprinklers are used throughout smoke compartments with patient sleeping rooms.</p> <p>In hospitals, sprinklers are not required in clothes closets of patient sleeping rooms where the area of the closet does not exceed 6 ft<sup>2</sup> and sprinkler coverage covers the closet footprint as required by NFPA 13, <i>Standard for Installation of Sprinkler Systems</i>.</p> <p>18.3.5.1, 18.3.5.4, 18.3.5.5, 18.3.5.6, 9.7, 9.7.1.1(1), 18.3.5.10</p>				
K352	<p><b>Sprinkler System – Supervisory Signals</b></p> <p>Automatic sprinkler system supervisory attachments are installed and monitored for integrity in accordance with NFPA 72, <i>National Fire Alarm and Signaling Code</i>, and provide a signal that sounds and is displayed at a continuously attended location or approved remote facility when sprinkler operation is impaired.</p> <p>9.7.2.1, NFPA 72</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K353	<p><b>Sprinkler System – Maintenance and Testing</b></p> <p>Automatic sprinkler and standpipe systems are inspected, tested, and maintained in accordance with NFPA 25, <i>Standard for the Inspection, Testing, and Maintaining of Water-based Fire Protection Systems</i>. Records of system design, maintenance, inspection and testing are maintained in a secure location and readily available.</p> <p>a) Date sprinkler system last checked. _____</p> <p>b) Who provided system test. _____</p> <p>c) Water system supply source. _____</p> <p><i>Provide in REMARKS information on coverage for any non-required or partial automatic sprinkler system.</i></p> <p>9.7.5, 9.7.7, 9.7.8, and NFPA 25</p>				
K354	<p><b>Sprinkler System – Out of Service</b></p> <p>Where the sprinkler system is impaired, the extent and duration of the impairment has been determined, areas or buildings involved are inspected and risks are determined, recommendations are submitted to management or designated representative, and the fire department and other authorities having jurisdiction have been notified. Where the sprinkler system is out of service for more than 10 hours in a 24 hour period, the building or portion of the building affected are evacuated or an approved fire watch is provided until the sprinkler system has been returned to service.</p> <p>18.3.5.1, 19.3.5.1, 9.7.5, 15.5.2 (NFPA 25)</p>				
K355	<p><b>Portable Fire Extinguishers</b></p> <p>Portable fire extinguishers are selected, installed, inspected, and maintained in accordance with NFPA 10, <i>Standard for Portable Fire Extinguishers</i>.</p> <p>18.3.5.12, 19.3.5.12, NFPA 10</p>				
K361	<p><b>Corridors – Areas Open to Corridor</b></p> <p>Spaces (other than patient sleeping rooms, treatment rooms and hazardous areas), waiting areas, nurse's stations, gift shops, and cooking facilities, open to the corridor are in accordance with the criteria under 18.3.6.1 and 19.3.6.1.</p> <p>18.3.6.1, 19.3.6.1</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K362	<p><b>Corridors – Construction of Walls</b></p> <p>2012 EXISTING</p> <p>Corridors are separated from use areas by walls constructed with at least ½ hour fire resistance rating. In fully sprinklered smoke compartments, partitions are only required to resist the transfer of smoke. In nonsprinklered buildings, walls extend to the underside of the floor or roof deck above the ceiling. Corridor walls may terminate at the underside of ceilings where specifically permitted by Code.</p> <p>Fixed fire window assemblies in corridor walls are in accordance with Section 8.3, but in sprinklered compartments there are no restrictions in area or fire resistance of glass or frames.</p> <p><i>If the walls have a fire resistance rating, give the rating _____ if the walls terminate at the underside of the ceiling, give brief description in REMARKS, describing the ceiling throughout the floor area.</i></p> <p>19.3.6.2, 19.3.6.2.7</p>				
	<p>2012 NEW</p> <p>Corridor walls shall form a barrier to limit the transfer of smoke. Such walls shall be permitted to terminate at the ceiling where the ceiling is constructed to limit the transfer of smoke. No fire resistance rating is required for the corridor walls.</p> <p>18.3.6.2</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K363	<p><b>Corridor – Doors</b> 2012 EXISTING</p> <p>Doors protecting corridor openings in other than required enclosures of vertical openings, exits, or hazardous areas resist the passage of smoke and are made of 1¾ inch solid-bonded core wood or other material capable of resisting fire for at least 20 minutes. Doors in fully sprinklered smoke compartments are only required to resist the passage of smoke. Corridor doors and doors to rooms containing flammable or combustible materials have positive latching hardware. Roller latches are prohibited by CMS regulation. These requirements do not apply to auxiliary spaces that do not contain flammable or combustible material.</p> <p>Powered doors complying with 7.2.1.9 are permissible if provided with a device capable of keeping the door closed when a force of 5lbf is applied, whether or not power is applied.</p> <p>Clearance between bottom of door and floor covering is not exceeding 1 inch. There is no impediment to the closing of the doors. Hold open devices that release when the door is pushed or pulled are permitted. Nonrated protective plates of unlimited height are permitted. Dutch doors meeting 19.3.6.3.6 are permitted. Door frames shall be labeled and made of steel or other materials in compliance with 8.3, unless the smoke compartment is sprinklered. Fixed fire window assemblies are allowed per 8.3. In sprinklered compartments there are no restrictions in area or fire resistance of glass or frames in window assemblies.</p> <p>19.3.6.3, 42 CFR Parts 403, 418, 460, 482, 483, and 485</p> <p>Show in REMARKS details of doors such as fire protection ratings, automatics closing devices, etc.</p>				
	<p>2012 NEW</p> <p>Doors protecting corridor openings shall be constructed to resist the passage of smoke. Corridor doors and doors to rooms containing flammable or combustible materials have self-latching and positive latching hardware. Roller latches are prohibited by CMS regulation. These requirements do not apply to auxiliary spaces that do not contain flammable or combustible material.</p> <p>Powered doors complying with 7.2.1.9 are permissible if provided with a device capable of keeping the door closed when a force of 5lbf is applied, whether or not power is applied.</p> <p>Clearance between bottom of door and floor covering is not exceeding 1 inch. There is no impediment to the closing of the doors. Hold open devices that release when the door is pushed or pulled are permitted. Nonrated protective plates of unlimited height are permitted. Dutch doors meeting 18.3.6.3.6 are permitted.</p> <p>18.3.6.3, 42 CFR Parts 403, 418, 460, 482, 483, and 485</p> <p>Show in REMARKS details of doors such as fire protection ratings, automatic closing devices, etc.</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K364	<p><b>Corridor – Openings</b></p> <p>Transfer grilles are not used in corridor walls or doors. Auxiliary spaces that do not contain flammable or combustible materials are permitted to have louvers or be undercut.</p> <p>In other than smoke compartments containing patient sleeping rooms, miscellaneous openings are permitted in vision panels or doors, provided the openings per room do not exceed 20 in<sup>2</sup> and are at or below half the distance from floor to ceiling. In sprinklered rooms, the openings per room do not exceed 80 in<sup>2</sup>.</p> <p>Vision panels in corridor walls or doors shall be fixed window assemblies in approved frames. (In fully sprinklered smoke compartments, there are no restrictions in the area and fire resistance of glass and frames.)</p> <p>18.3.6.5.1, 19.3.6.5.2, 8.3</p>				
K371	<p><b>Subdivision of Building Spaces – Smoke Compartments</b></p> <p>2012 EXISTING</p> <p>Smoke barriers shall be provided to form at least two smoke compartments on every sleeping floor with a 30 or more patient bed capacity. Size of compartments cannot exceed 22,500 square feet or a 200-foot travel distance from any point in the compartment to a door in the smoke barrier.</p> <p>19.3.7.1, 19.3.7.2</p> <p><i>Detail in REMARKS zone dimensions including length of zones and dead-end corridors.</i></p> <p>2012 NEW</p> <p>Smoke barriers shall be provided to form at least two smoke compartments on every floor used by inpatients for sleeping or treatment, and on every floor with an occupant load of 50 or more persons, regardless of use.</p> <p>Size of compartments cannot exceed 22,500 square feet or a 200-foot travel distance from any point in the compartment to a door in the smoke barrier.</p> <p>Smoke subdivision requirements do not apply to any of the stories or areas described in 18.3.7.2.</p> <p>18.3.7.1, 18.3.7.2</p> <p><i>Detail in REMARKS zone dimensions including length of zones and dead-end corridors.</i></p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K372	<p><b>Subdivision of Building Spaces – Smoke Barrier Construction</b> 2012 EXISTING</p> <p>Smoke barriers shall be constructed to a ½ hour fire resistance rating per 8.5. Smoke barriers shall be permitted to terminate at an atrium wall. Smoke dampers are not required in duct penetrations in fully ducted HVAC systems where an approved sprinkler system is installed for smoke compartments adjacent to the smoke barrier.</p> <p>19.3.7.3, 8.6.7.1(1)</p> <p><i>Describe any mechanical smoke control system in REMARKS.</i></p>				
	<p>2012 NEW</p> <p>Smoke barriers shall be constructed to provide at least a 1-hour fire resistance rating and constructed in accordance with 8.5. Smoke barriers shall be permitted to terminate at an atrium wall. Smoke dampers are not required in duct penetrations of fully ducted HVAC systems.</p> <p>18.3.7.3, 18.3.7.4, 18.3.7.5, 8.3</p> <p><i>Describe any mechanical smoke control system in REMARKS.</i></p>				
K373	<p><b>Subdivision of Building Spaces – Accumulation Space</b></p> <p>Space shall be provided on each side of smoke barriers to adequately accommodate the total number of occupants in adjoining compartments.</p> <p>18.3.7.5.1, 18.3.7.5.2, 19.3.7.5.1, 19.3.7.5.2</p>				
K374	<p><b>Subdivision of Building Spaces – Smoke Barrier Doors</b> 2012 EXISTING</p> <p>Doors in smoke barriers are 1¾-inch thick solid bonded wood-core doors or of construction that resists fire for 20 minutes. Nonrated protective plates of unlimited height are permitted. Doors are permitted to have fixed fire window assemblies per 8.5. Doors are self-closing or automatic-closing, do not require latching, and are not required to swing in the direction of egress travel. Door opening provides a minimum clear width of 32 in for swinging or horizontal doors.</p> <p>19.3.7.6, 19.3.7.8, 19.3.7.9</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K374	<p>2012 NEW</p> <p>Doors in smoke barriers have at least a 20-minute fire protection rating or are at least 1¾-inch thick solid bonded core wood.</p> <p>Required clear widths are provided per 18.3.7.6(4) and (5).</p> <p>Nonrated protective plates of unlimited height are permitted. Horizontal-sliding doors comply with 7.2.1.14. Swinging doors shall be arranged so that each door swings in an opposite direction.</p> <p>Doors shall be self-closing and rabbets, bevels, or astragals are required at the meeting edges. Positive latching is not required.</p> <p>18.3.7.6, 18.3.7.7, 18.3.7.8</p>				
K379	<p><b>Smoke Barrier Door Glazing</b></p> <p>2012 EXISTING</p> <p>Openings in smoke barrier doors shall be fire-rated glazing or wired glass panels in steel frames.</p> <p>19.3.7.6, 19.3.7.6.2, 8.5</p>				
	<p>2012 NEW</p> <p>Windows in smoke barrier doors shall be installed in each cross corridor swinging or horizontal-sliding door protected by fire-rated glazing or by wired glass panels in approved frames.</p> <p>18.3.7.9</p>				
K381	<p><b>Sleeping Room Outside Windows and Doors</b></p> <p>Every patient sleeping room has an outside window or outside door. In new occupancies, sill height does not exceed 36 inches above the floor. Windows in atrium walls are considered outside windows. Newborn nurseries and rooms intended for occupancy less than 24 hours have no outside window or door requirements. Window sills in special nursing care areas (e.g., ICU, CCU, hemodialysis, neonatal) do not exceed 60 inches above the floor.</p> <p>42 CFR 403, 418, 460, 482, 483, and 485</p>				
<b>SECTION 4 – SPECIAL PROVISIONS</b>					
K400	<p><b>Special Provisions – Other</b></p> <p>List in the REMARKS section any LSC Section 18.4 and 19.4 Special Provisions requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS
K421	<b>High-Rise Buildings</b> 2012 EXISTING High-rise buildings are protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7 within 12 years of LSC final rule effective date. 19.4.2				
	2012 NEW High-rise buildings comply with section 11.8. 18.4.2				
<b>SECTION 5 – BUILDING SERVICES</b>					
K500	<b>Building Services – Other</b> List in the REMARKS section any LSC Section 18.5 and 19.5 Building Services requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.				
K511	<b>Utilities – Gas and Electric</b> Equipment using gas or related gas piping complies with NFPA 54, <i>National Fuel Gas Code</i> , electrical wiring and equipment complies with NFPA 70, <i>National Electric Code</i> . Existing installations can continue in service provided no hazard to life. 18.5.1.1, 19.5.1.1, 9.1.1, 9.1.2				
K521	<b>HVAC</b> Heating, ventilation, and air conditioning shall comply with 9.2 and shall be installed in accordance with the manufacturer's specifications. 18.5.2.1, 19.5.2.1, 9.2				
K522	<b>HVAC – Any Heating Device</b> Any heating device, other than a central heating plant, is designed and installed so combustible materials cannot be ignited by device, and has a safety feature to stop fuel and shut down equipment if there is excessive temperature or ignition failure. If fuel fired, the device also: <ul style="list-style-type: none"> <li>• is chimney or vent connected.</li> <li>• takes air for combustion from outside.</li> <li>• provides for a combustion system separate from occupied area atmosphere.</li> </ul> 18.5.2.2, 19.5.2.2				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K523	<p><b>HVAC – Suspended Unit Heaters</b></p> <p>Suspended unit heaters are permitted provided the following are met:</p> <ul style="list-style-type: none"> <li>• Not located in means of egress or in patient rooms.</li> <li>• Located high enough to be out of reach of people in the area.</li> <li>• Has a safety feature to stop fuel and shut down equipment if there is excessive temperature or ignition failure.</li> </ul> <p>18.5.2.3(1), 19.5.2.3(1)</p>				
K524	<p><b>HVAC – Direct-Vent Gas Fireplaces</b></p> <p>Direct-vent gas fireplaces, as defined in NFPA 54, inside of all smoke compartments containing patient sleeping areas comply with the requirements of 18.5.2.3(2), 19.5.2.3(2).</p> <p>18.5.2.3(2), 19.5.2.3(2), NFPA 54</p>				
K525	<p><b>HVAC – Solid Fuel-Burning Fireplaces</b></p> <p>Solid fuel-burning fireplaces are permitted in other than patient sleeping areas provided:</p> <ul style="list-style-type: none"> <li>• Areas are separated by 1-hour fire resistance construction.</li> <li>• Fireplace complies with 9.2.2.</li> <li>• Fireplace enclosure resists breakage up to 650°F and has heat-tempered glass.</li> <li>• Room has supervised CO detection per 9.8.</li> </ul> <p>18.5.2.3(3) and 19.5.2.3(3)</p>				
K531	<p><b>Elevators</b></p> <p>2012 EXISTING</p> <p>Elevators comply with the provision of 9.4. Elevators are inspected and tested as specified in ASME A17.1, <i>Safety Code for Elevators and Escalators</i>. Firefighter’s Service is operated monthly with a written record. Existing elevators conform to ASME/ANSI A17.3, <i>Safety Code for Existing Elevators and Escalators</i>. All existing elevators, having a travel distance of 25 feet or more above or below the level that best serves the needs of emergency personnel for firefighting purposes, conform with Firefighter’s Service Requirements of ASME/ANSI A17.3. (Includes firefighter’s service Phase I key recall and smoke detector automatic recall, firefighter’s service Phase II emergency in-car key operation, machine room smoke detectors, and elevator lobby smoke detectors.)</p> <p>19.5.3, 9.4.2, 9.4.3</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K531	<p>2012 NEW</p> <p>Elevators comply with the provision of 9.4. Elevators are inspected and tested as specified in ASME A17.1, <i>Safety Code for Elevators and Escalators</i>. Firefighter's Service is operated monthly with a written record. New elevators conform to ASME/ANSI A17.1, <i>Safety Code for Elevators and Escalators</i>, including Firefighter's Service Requirements. (Includes firefighter's Phase I key recall and smoke detector automatic recall, firefighter's service Phase II emergency in-car key operation, machine room smoke detectors, and elevator lobby smoke detectors.)</p> <p>18.5.3, 9.4.2, 9.4.3</p>				
K532	<p><b>Escalators, Dumbwaiters, and Moving Walks</b></p> <p>2012 EXISTING</p> <p>Escalators, dumbwaiters, and moving walks comply with the provisions of 9.4.</p> <p>All existing escalators, dumbwaiters, and moving walks conform to the requirements of ASME/ANSI A17.3, <i>Safety Code for Existing Elevators and Escalators</i>.</p> <p>(Includes escalator emergency stop buttons and automatic skirt obstruction stop. For power dumbwaiters, includes hoistway door locking to keep doors closed except for floor where car is being loaded or unloaded.)</p> <p>19.5.3, 9.4.2.2</p>				
	<p>2012 NEW</p> <p>Escalators, dumbwaiters, and moving walks comply with the provisions of 9.4.</p> <p>18.5.3, 9.4.2.2</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K541	<p><b>Rubbish Chutes, Incinerators, and Laundry Chutes</b></p> <p>2012 EXISTING</p> <p>(1) Any existing linen and trash chute, including pneumatic rubbish and linen systems, that opens directly onto any corridor shall be sealed by fire resistive construction to prevent further use or shall be provided with a fire door assembly having a fire protection rating of 1-hour. All new chutes shall comply with 9.5.</p> <p>(2) Any rubbish chute or linen chute, including pneumatic rubbish and linen systems, shall be provided with automatic extinguishing protection in accordance with 9.7.</p> <p>(3) Any trash chute shall discharge into a trash collection room used for no other purpose and protected in accordance with 8.4. (Existing laundry chutes permitted to discharge into same room are protected by automatic sprinklers in accordance with 19.3.5.9 or 19.3.5.7.)</p> <p>(4) Existing fuel-fed incinerators shall be sealed by fire resistive construction to prevent further use.</p> <p>19.5.4, 9.5, 8.4, NFPA 82</p>				
	<p>2012 NEW</p> <p>Rubbish chutes, incinerators, and laundry chutes shall comply with the provisions of Section 9.5, unless otherwise specified in 18.5.4.2.</p> <ul style="list-style-type: none"> <li>• The fire resistance rating of chute charging room shall not be required to exceed 1-hour.</li> <li>• Any rubbish chute or linen chute shall be provided with automatic extinguishing protection in accordance with Section 9.7.</li> <li>• Chutes shall discharge into a trash collection room used for no other purpose and shall be protected in accordance with 8.7.</li> </ul> <p>18.5.4.2, 8.7, 9.5, 9.7, NFPA 82</p>				
	<b>SECTION 6 – RESERVED</b>				
	<b>SECTION 7 – OPERATING FEATURES</b>				
K700	<p><b>Operating Features – Other</b></p> <p>List in the REMARKS section any LSC Section 18.7 and 19.7 Operating Features requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included in Form CMS-2567.</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K711	<p><b>Evacuation and Relocation Plan</b></p> <p>There is a written plan for the protection of all patients and for their evacuation in the event of an emergency.</p> <p>Employees are periodically instructed and kept informed with their duties under the plan, and a copy of the plan is readily available with telephone operator or with security. The plan addresses the basic response required of staff per 18/19.7.2.1.2 and provides for all of the fire safety plan components per 18/19.7.2.2.</p> <p>18.7.1.1 through 18.7.1.3, 18.7.2.1.2, 18.7.2.2, 18.7.2.3, 19.7.1.1 through 19.7.1.3, 19.7.2.1.2, 19.7.2.2, 19.7.2.3</p>				
K712	<p><b>Fire Drills</b></p> <p>Fire drills include the transmission of a fire alarm signal and simulation of emergency fire conditions. Fire drills are held at expected and unexpected times under varying conditions, at least quarterly on each shift. The staff is familiar with procedures and is aware that drills are part of established routine. Where drills are conducted between 9:00 PM and 6:00 AM, a coded announcement may be used instead of audible alarms.</p> <p>18.7.1.4 through 18.7.1.7, 19.7.1.4 through 19.7.1.7</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K741	<p><b>Smoking Regulations</b></p> <p>Smoking regulations shall be adopted and shall include not less than the following provisions:</p> <ol style="list-style-type: none"> <li>(1) Smoking shall be prohibited in any room, ward, or compartment where flammable liquids, combustible gases, or oxygen is used or stored and in any other hazardous location, and such area shall be posted with signs that read NO SMOKING or shall be posted with the international symbol for no smoking.</li> <li>(2) In health care occupancies where smoking is prohibited and signs are prominently placed at all major entrances, secondary signs with language that prohibits smoking shall not be required.</li> <li>(3) Smoking by patients classified as not responsible shall be prohibited.</li> <li>(4) The requirement of 18.7.4(3) shall not apply where the patient is under direct supervision.</li> <li>(5) Ashtrays of noncombustible material and safe design shall be provided in all areas where smoking is permitted.</li> <li>(6) Metal containers with self-closing cover devices into which ashtrays can be emptied shall be readily available to all areas where smoking is permitted.</li> </ol> <p>18.7.4, 19.7.4</p>				
K751	<p><b>Draperies, Curtains, and Loosely Hanging Fabrics</b></p> <p>Draperies, curtains including cubicle curtains and loosely hanging fabric or films shall be in accordance with 10.3.1. Excluding curtains and draperies: at showers and baths; on windows in patient sleeping room located in sprinklered compartments; and in non-patient sleeping rooms in sprinklered compartments where individual drapery or curtain panels do not exceed 48 square feet or total area does not exceed 20 percent of the wall.</p> <p>18.7.5.1, 18.3.5.11, 19.7.5.1, 19.3.5.11, 10.3.1</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K752	<p><b>Upholstered Furniture and Mattresses</b></p> <p>Newly introduced upholstered furniture meets Class I or char length, and heat release criteria in accordance with 10.3.2.1 and 10.3.3, unless the building is fully sprinklered.</p> <p>Newly introduced mattresses shall meet char length and heat release criteria in accordance with 10.3.2.2 and 10.3.4, unless the building is fully sprinklered.</p> <p>Upholstered furniture and mattresses belonging to nursing home residents do not have to meet these requirements as all nursing homes are required to be fully sprinklered.</p> <p>Newly introduced upholstered furniture and mattresses means purchased on or after the LSC final rule effective date.</p> <p>18.7.5.2, 18.7.5.4, 19.7.5.2, 19.7.5.4</p>				
K753	<p><b>Combustible Decorations</b></p> <p>Combustible decorations shall be prohibited unless one of the following is met:</p> <ul style="list-style-type: none"> <li>• Flame retardant or treated with approved fire-retardant coating that is listed and labeled for product.</li> <li>• Decorations meet NFPA 701.</li> <li>• Decorations exhibit heat release less than 100 kilowatts in accordance with NFPA 289.</li> <li>• Decorations, such as photographs, paintings and other art are attached to the walls, ceilings and non-fire-rated doors in accordance with 18.7.5.6(4) or 19.7.5.6(4).</li> <li>• The decorations in existing occupancies are in such limited quantities that a hazard of fire development or spread is not present.</li> </ul> <p>18.7.5.6, 19.7.5.6</p>				
K761	<p><b>Maintenance, Inspection &amp; Testing - Doors</b></p> <p>Fire doors assemblies are inspected and tested annually in accordance with NFPA 80 <i>Standard for Fire Doors and Other Opening Protectives</i>.</p> <p>Fire doors that are not located in required fire barriers, including corridor doors to patient rooms and smoke barrier doors, are routinely inspected as part of the facility maintenance program.</p> <p>Individuals performing the door inspection and testing have an understanding of the operating components of the doors. Written records of inspection and testing are maintained and are available for review.</p> <p>18.7.6, 19.7.6, 8.3.3.1 (LSC), 5.2, 5.2.3 (NFPA 80)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K754	<p><b>Soiled Linen and Trash Containers</b></p> <p>Soiled linen or trash collection receptacles shall not exceed 32 gallons in capacity. The average density of container capacity in a room or space shall not exceed 0.5 gallons/square feet. A total container capacity of 32 gallons shall not be exceeded within any 64 square feet area. Mobile soiled linen or trash collection receptacles with capacities greater than 32 gallons shall be located in a room protected as a hazardous area when not attended.</p> <p>Containers used solely for recycling are permitted to be excluded from the above requirements where each container is ≤ 96 gal. unless attended, and containers for combustibles are labeled and listed as meeting FM Approval Standard 6921 or equivalent.</p> <p>18.7.5.7, 19.7.5.7</p>				
K771	<p><b>Engineer Smoke Control Systems</b></p> <p>2012 EXISTING</p> <p>When installed, engineered smoke control systems are tested in accordance with established engineering principles. Test documentation is maintained on the premises.</p> <p>19.7.7</p>				
	<p>2012 NEW</p> <p>When installed, engineered smoke control systems are tested in accordance with NFPA 92, <i>Standard for Smoke Control Systems</i>. Test documentation is maintained on the premises.</p> <p>18.7.7</p>				
K781	<p><b>Portable Space Heaters</b></p> <p>Portable space heating devices shall be prohibited in all health care occupancies. Unless used in nonsleeping staff and employee areas where the heating elements do not exceed 212 degrees Fahrenheit (100 degrees Celsius).</p> <p>18.7.8, 19.7.8</p>				
K791	<p><b>Construction, Repair, and Improvement Operations</b></p> <p>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.</p> <p>18.7.9, 19.7.9, 4.6.10, 7.1.10.1</p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS
<b>PART II – HEALTH CARE FACILITIES CODE REQUIREMENTS</b>					
K900	<b>Health Care Facilities Code - Other</b> List in the REMARKS section any NFPA 99 requirements (excluding Chapter 7, 8, 12, and 13) that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Health Care Facilities Code or NFPA standard citation, should be included on Form CMS-2567.				
K901	<b>Fundamentals – Building System Categories</b> Building systems are designed to meet Category 1 through 4 requirements as detailed in NFPA 99. Categories are determined by a formal and documented risk assessment procedure performed by qualified personnel. Chapter 4 (NFPA 99)				
K902	<b>Gas and Vacuum Piped Systems – Other</b> List in the REMARKS section any NFPA 99 Chapter 5 Gas and Vacuum Systems requirements that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567. Chapter 5 (NFPA 99)				
K903	<b>Gas and Vacuum Piped Systems – Categories</b> Medical gas, medical air, surgical vacuum, WAGD, and air supply systems are designated: <input type="checkbox"/> Category 1. Systems in which failure is likely to cause major injury or death. <input type="checkbox"/> Category 2. Systems in which failure is likely to cause minor injury. <input type="checkbox"/> Category 3. Systems in which failure is not likely to cause injury, but can cause discomfort. Deep sedation and general anesthesia are not to be administered using a Category 3 medical gas system. 5.1.1.1, 5.2.1, 5.3.1.1, 5.3.1.5 (NFPA 99)				
K904	<b>Gas and Vacuum Piped Systems – Warning Systems</b> All master, area, and local alarm systems used for medical gas and vacuum systems comply with appropriate Category warning system requirements, as applicable. 5.1.9, 5.2.9, 5.3.6.2.2 (NFPA 99)				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K905	<p><b>Gas and Vacuum Piped Systems – Central Supply System Identification and Labeling</b></p> <p>Containers, cylinders and tanks are designed, fabricated, tested, and marked in accordance with 5.1.3.1.1 through 5.1.3.1.7. Locations containing only oxygen or medical air have doors labeled with "Medical Gases, NO Smoking or Open Flame". Locations containing other gases have doors labeled "Positive Pressure Gases, NO Smoking or Open Flame, Room May Have Insufficient Oxygen, Open Door and Allow Room to Ventilate Before Opening."</p> <p>5.1.3.1, 5.2.3.1, 5.3.10 (NFPA 99)</p>				
K906	<p><b>Gas and Vacuum Piped Systems – Central Supply System Operations</b></p> <p>Adaptors or conversion fittings are prohibited. Cylinders are handled in accordance with 11.6.2. Only cylinders, reusable shipping containers, and their accessories are stored in rooms containing central supply systems or cylinders. No flammable materials are stored with cylinders. Cryogenic liquid storage units intended to supply the facility are not used to transfill. Cylinders are kept away from sources of heat. Valve protection caps are secured in place, if supplied, unless cylinder is in use. Cylinders are not stored in tightly closed spaces. Cylinders in use and storage are prevented from exceeding 130°F, and nitrous oxide and carbon dioxide cylinders are prevented from reaching temperatures lower than manufacture recommendations or 20°F. Full or empty cylinders, when not connected, are stored in locations complying with 5.1.3.3.2 through 5.1.3.3.3, and are not stored in enclosures containing motor-driven machinery, unless for instrument air reserve headers.</p> <p>5.1.3.2, 5.1.3.3.17, 5.1.3.3.1.8, 5.1.3.3.4, 5.2.3.2, 5.2.3.3, 5.3.6.20.4, 5.6.20.5, 5.3.6.20.7, 5.3.6.20.8, 5.3.6.20.9 (NFPA 99)</p>				
K907	<p><b>Gas and Vacuum Piped Systems – Maintenance Program</b></p> <p>Medical gas, vacuum, WAGD, or support gas systems have documented maintenance programs. The program includes an inventory of all source systems, control valves, alarms, manufactured assemblies, and outlets. Inspection and maintenance schedules are established through risk assessment considering manufacturer recommendations. Inspection procedures and testing methods are established through risk assessment. Persons maintaining systems are qualified as demonstrated by training and certification or credentialing to the requirements of AASE 6030 or 6040.</p> <p>5.1.14.2.1, 5.1.14.2.2, 5.1.15, 5.2.14, 5.3.13.4.2 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K908	<p><b>Gas and Vacuum Piped Systems – Inspection and Testing Operations</b></p> <p>The gas and vacuum systems are inspected and tested as part of a maintenance program and include the required elements. Records of the inspections and testing are maintained as required.</p> <p>5.1.14.2.3, B.5.2, 5.2.13, 5.3.13, 5.3.13.4 (NFPA 99)</p>				
K909	<p><b>Gas and Vacuum Piped Systems – Information and Warning Signs</b></p> <p>Piping is labeled by stencil or adhesive markers identifying the gas or vacuum system, including the name of system or chemical symbol, color code (Table 5.1.11), and operating pressure if other than standard. Labels are at intervals not more than 20 feet, are in every room, at both sides of wall penetrations, and on every story traversed by riser. Piping is not painted. Shutoff valves are identified with the name or chemical symbol of the gas or vacuum system, room or area served, and caution to not use the valve except in emergency.</p> <p>5.1.14.3, 5.1.11.1, 5.1.11.2, 5.2.11, 5.3.13.3, 5.3.11 (NFPA 99)</p>				
K910	<p><b>Gas and Vacuum Piped Systems – Modifications</b></p> <p>Whenever modifications are made that breach the pipeline, any necessary installer and verification test specified in 5.1.2 is conducted on the downstream portion of the medical gas piping system. Permanent records of all tests required by system verification tests are maintained.</p> <p>5.1.14.4.1, 5.1.14.4.6, 5.2.13, 5.3.13.4.3 (NFPA 99)</p>				
K911	<p><b>Electrical Systems – Other</b></p> <p>List in the REMARKS section any NFPA 99 Chapter 6 Electrical Systems requirements that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p> <p>Chapter 6 (NFPA 99)</p>				
K912	<p><b>Electrical Systems – Receptacles</b></p> <p>Power receptacles have at least one, separate, highly dependable grounding pole capable of maintaining low-contact resistance with its mating plug. In pediatric locations, receptacles in patient rooms, bathrooms, play rooms, and activity rooms, other than nurseries, are listed tamper-resistant or employ a listed cover.</p> <p>If used in patient care room, ground-fault circuit interrupters (GFCI) are listed.</p> <p>6.3.2.2.6.2 (F), 6.3.2.2.4.2 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K913	<p><b>Electrical Systems – Wet Procedure Locations</b></p> <p>Operating rooms are considered wet procedure locations, unless otherwise determined by a risk assessment conducted by the facility governing body. Operating rooms defined as wet locations are protected by either isolated power or ground-fault circuit interrupters. A written record of the risk assessment is maintained and available for inspection.</p> <p>6.3.2.2.8.4, 6.3.2.2.8.7, 6.4.4.2</p>				
K914	<p><b>Electrical Systems – Maintenance and Testing</b></p> <p>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. 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. Records are maintained of required tests and associated repairs or modifications, containing date, room or area tested, and results.</p> <p>6.3.4 (NFPA 99)</p>				
K915	<p><b>Electrical Systems – Essential Electric System Categories</b></p> <p><input type="checkbox"/> Critical care rooms (Category 1) in which electrical system failure is likely to cause major injury or death of patients, including all rooms where electric life support equipment is required, are served by a Type 1 EES.</p> <p><input type="checkbox"/> General care rooms (Category 2) in which electrical system failure is likely to cause minor injury to patients (Category 2) are served by a Type 1 or Type 2 EES.</p> <p><input type="checkbox"/> Basic care rooms (Category 3) in which electrical system failure is not likely to cause injury to patients and rooms other than patient care rooms are not required to be served by an EES. Type 3 EES life safety branch has an alternate source of power that will be effective for 1 1/2 hours.</p> <p>3.3.138, 6.3.2.2.10, 6.6.2.2.2, 6.6.3.1.1 (NFPA 99), TIA 12-3</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K916	<p><b>Electrical Systems – Essential Electric System Alarm Annunciator</b></p> <p>A remote annunciator that is storage battery powered is provided to operate outside of the generating room in a location readily observed by operating personnel. The annunciator is hard-wired to indicate alarm conditions of the emergency power source. A centralized computer system (e.g., building information system) is not to be substituted for the alarm annunciator.</p> <p>6.4.1.1.17, 6.4.1.1.17.5 (NFPA 99)</p>				
K917	<p><b>Electrical Systems – Essential Electric System Receptacles</b></p> <p>Electrical receptacles or cover plates supplied from the life safety and critical branches have a distinctive color or marking.</p> <p>6.4.2.2.6, 6.5.2.2.4.2, 6.6.2.2.3.2 (NFPA 99)</p>				
K918	<p><b>Electrical Systems – Essential Electric System Maintenance and Testing</b></p> <p>The generator or other alternate power source and associated equipment is capable of supplying service within 10 seconds. If the 10-second criterion is not met during the monthly test, a process shall be provided to annually confirm this capability for the life safety and critical branches. Maintenance and testing of the generator and transfer switches are performed in accordance with NFPA 110.</p> <p>Generator sets are inspected weekly, exercised under load 30 minutes 12 times a year in 20-40 day intervals, and exercised once every 36 months for 4 continuous hours. Scheduled test under load conditions include a complete simulated cold start and automatic or manual transfer of all EES loads, and are conducted by competent personnel. Maintenance and testing of stored energy power sources (Type 3 EES) are in accordance with NFPA 111. Main and feeder circuit breakers are inspected annually, and a program for periodically exercising the components is established according to manufacturer requirements. Written records of maintenance and testing are maintained and readily available. EES electrical panels and circuits are marked, readily identifiable, and separate from normal power circuits. Minimizing the possibility of damage of the emergency power source is a design consideration for new installations.</p> <p>6.4.4, 6.5.4, 6.6.4 (NFPA 99), NFPA 110, NFPA 111, 700.10 (NFPA 70)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K919	<p><b>Electrical Equipment – Other</b></p> <p>List in the REMARKS section any NFPA 99 Chapter 10, <i>Electrical Equipment</i>, requirements that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567. Chapter 10 (NFPA 99)</p>				
K920	<p><b>Electrical Equipment – Power Cords and Extension Cords</b></p> <p>Power strips in a patient care vicinity are only used for components of movable patient-care-related electrical equipment (PCREE) assemblies that have been assembled by qualified personnel and meet the conditions of 10.2.3.6. Power strips in the patient care vicinity may not be used for non-PCREE (e.g., personal electronics), except in long-term care resident rooms that do not use PCREE. Power strips for PCREE meet UL 1363A or UL 60601-1. Power strips for non-PCREE in the patient care rooms (outside of vicinity) meet UL 1363. In non-patient care rooms, power strips meet other UL standards. All power strips are used with general precautions. Extension cords are not used as a substitute for fixed wiring of a structure. Extension cords used temporarily are removed immediately upon completion of the purpose for which it was installed and meets the conditions of 10.2.4.</p> <p>10.2.3.6 (NFPA 99), 10.2.4 (NFPA 99), 400-8 (NFPA 70), 590.3(D) (NFPA 70), TIA 12-5</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K921	<p><b>Electrical Equipment – Testing and Maintenance Requirements</b></p> <p>The physical integrity, resistance, leakage current, and touch current tests for fixed and portable patient-care related electrical equipment (PCREE) is performed as required in 10.3. Testing intervals are established with policies and protocols. All PCREE used in patient care rooms is tested in accordance with 10.3.5.4 or 10.3.6 before being put into service and after any repair or modification. Any system consisting of several electrical appliances demonstrates compliance with NFPA 99 as a complete system. Service manuals, instructions, and procedures provided by the manufacturer include information as required by 10.5.3.1.1 and are considered in the development of a program for electrical equipment maintenance. Electrical equipment instructions and maintenance manuals are readily available, and safety labels and condensed operating instructions on the appliance are legible. A record of electrical equipment tests, repairs, and modifications is maintained for a period of time to demonstrate compliance in accordance with the facility's policy. Personnel responsible for the testing, maintenance and use of electrical appliances receive continuing training.</p> <p>10.3, 10.5.2.1, 10.5.2.1.2, 10.5.2.5, 10.5.3, 10.5.6, 10.5.8</p>				
K922	<p><b>Gas Equipment – Other</b></p> <p>List in the REMARKS section any NFPA 99 Chapter 11 Gas Equipment requirements that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p> <p>Chapter 11 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K923	<p><b>Gas Equipment – Cylinder and Container Storage</b></p> <p><b>≥ 3,000 cubic feet</b> Storage locations are designed, constructed, and ventilated in accordance with 5.1.3.3.2 and 5.1.3.3.3.</p> <p><b>&gt; 300 but &lt;3,000 cubic feet</b> Storage locations are outdoors in an enclosure or within an enclosed interior space of non- or limited- combustible construction, with door (or gates outdoors) that can be secured. Oxidizing gases are not stored with flammables, and are separated from combustibles by 20 feet (5 feet if sprinklered) or enclosed in a cabinet of noncombustible construction having a minimum 1/2 hr. fire protection rating.</p> <p><b>≤ 300 cubic feet</b> In a single smoke compartment, individual cylinders available for immediate use in patient care areas with an aggregate volume of ≤ 300 cubic feet are not required to be stored in an enclosure. Cylinders must be handled with precautions as specified in 11.6.2.</p> <p>A precautionary sign readable from 5 feet is on each door or gate of a cylinder storage room, where the sign includes the wording as a minimum "CAUTION: OXIDIZING GAS(ES) STORED WITHIN NO SMOKING".</p> <p>Storage is planned so cylinders are used in order of which they are received from the supplier. Empty cylinders are segregated from full cylinders. When facility employs cylinders with integral pressure gauge, a threshold pressure considered empty is established. Empty cylinders are marked to avoid confusion. Cylinders stored in the open are protected from weather.</p> <p>11.3.1, 11.3.2, 11.3.3, 11.3.4, 11.6.5 (NFPA 99)</p>				
K924	<p><b>Gas Equipment – Testing and Maintenance Requirements</b></p> <p>Anesthesia apparatus are tested at the final path to patient after any adjustment, modification or repair. Before the apparatus is returned to service, each connection is checked to verify proper gas and an oxygen analyzer is used to verify oxygen concentration. Defective equipment is immediately removed from service. Areas designated for servicing of oxygen equipment are clean and free of oil, grease, or other flammables. Manufacturer service manuals are used to maintain equipment and a scheduled maintenance program is followed.</p> <p>11.4.1.3, 11.5.1.3, 11.6.2.5, 11.6.2.6 (NFPA 99)</p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS
K925	<p><b>Gas Equipment – Respiratory Therapy Sources of Ignition</b></p> <p>Smoking materials are removed from patients receiving respiratory therapy. When a nasal cannula is delivering oxygen outside of a patient's room, no sources of ignition are within in the site of intentional expulsion (1-foot). When other oxygen deliver equipment is used or oxygen is delivered inside a patient's room, no sources of ignition are within the area are of administration (15-feet). Solid fuel-burning appliances is not in the area of administration. Nonmedical appliances with hot surfaces or sparking mechanisms are not within oxygen-delivery equipment or site of intentional expulsion.</p> <p>11.5.1.1, TIA 12-6 (NFPA 99)</p>				
K926	<p><b>Gas Equipment – Qualifications and Training of Personnel</b></p> <p>Personnel concerned with the application, maintenance and handling of medical gases and cylinders are trained on the risk. Facilities provide continuing education, including safety guidelines and usage requirements. Equipment is serviced only by personnel trained in the maintenance and operation of equipment.</p> <p>11.5.2.1 (NFPA 99)</p>				
K927	<p><b>Gas Equipment – Transfilling Cylinders</b></p> <p>Transfilling of oxygen from one cylinder to another is in accordance with CGA P-2.5, <i>Transfilling of High Pressure Gaseous Oxygen Used for Respiration</i>. Transfilling of any gas from one cylinder to another is prohibited in patient care rooms. Transfilling to liquid oxygen containers or to portable containers over 50 psi comply with conditions under 11.5.2.3.1 (NFPA 99). Transfilling to liquid oxygen containers or to portable containers under 50 psi comply with conditions under 11.5.2.3.2 (NFPA 99).</p> <p>11.5.2.2 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K928	<p><b>Gas Equipment – Labeling Equipment and Cylinders</b></p> <p>Equipment listed for use in oxygen-enriched atmospheres are so labeled. Oxygen metering equipment and pressure reducing regulators are labeled "OXYGEN-USE NO OIL". Flowmeters, pressure reducing regulators, and oxygen-dispensing apparatus are clearly and permanently labeled designating the gases for which they are intended. Oxygen-metering equipment, pressure reducing regulators, humidifiers, and nebulizers are labeled with name of manufacturer or supplier. Cylinders and containers are labeled in accordance with CGA C-7. Color coding is not utilized as the primary method of determining cylinder or container contents. All labeling is durable and withstands cleaning or disinfecting.</p> <p>11.5.3.1 (NFPA 99)</p>				
K929	<p><b>Gas Equipment – Precautions for Handling Oxygen Cylinders and Manifolds</b></p> <p>Handling of oxygen cylinders and manifolds is based on CGA G-4, Oxygen. Oxygen cylinders, containers, and associated equipment are protected from contact with oil and grease, from contamination, protected from damage, and handled with care in accordance with precautions provided under 11.6.2.1 through 11.6.2.4 (NFPA 99).</p> <p>11.6.2 (NFPA 99)</p>				
K930	<p><b>Gas Equipment – Liquid Oxygen Equipment</b></p> <p>The storage and use of liquid oxygen in base reservoir containers and portable containers comply with sections 11.7.2 through 11.7.4 (NFPA 99).</p> <p>11.7 (NFPA 99)</p>				
K931	<p><b>Hyperbaric Facilities</b></p> <p>All occupancies containing hyperbaric facilities comply with construction, equipment, administration, and maintenance requirements of NFPA 99. Chapter 14 (NFPA 99)</p>				
K932	<p><b>Features of Fire Protection – Other</b></p> <p>List in the REMARKS section any NFPA 99 Chapter 15 Features of Fire Protection requirements that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p> <p>Chapter 15 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K933	<p><b>Features of Fire Protection – Fire Loss Prevention in Operating Rooms</b></p> <p>Periodic evaluations are made of hazards that could be encountered during surgical procedures, and fire prevention procedures are established. When flammable germicides or antiseptics are employed during surgeries utilizing electrosurgery, cautery or lasers:</p> <ul style="list-style-type: none"> <li>• packaging is non-flammable.</li> <li>• applicators are in unit doses.</li> <li>• Preoperative "time-out" is conducted prior the initiation of any surgical procedure to verify:                             <ul style="list-style-type: none"> <li>○ application site is dry prior to draping and use of surgical equipment.</li> <li>○ pooling of solution has not occurred or has been corrected.</li> <li>○ solution-soaked materials have been removed from the OR prior to draping and use of surgical devices.</li> <li>○ policies and procedures are established outlining safety precautions related to the use of flammable germicide or antiseptic use.</li> </ul> </li> </ul> <p>Procedures are established for operating room emergencies including alarm activation, evacuation, equipment shutdown, and control operations. Emergency procedures include the control of chemical spills, and extinguishment of drapery, clothing and equipment fires. Training is provided to new OR personnel (including surgeons), continuing education is provided, incidents are reviewed monthly, and procedures are reviewed annually.</p> <p>15.13 (NFPA 99)</p>				

**PART III – RECOMMENDATION FOR WAIVER OF SPECIFIC LIFE SAFETY CODE PROVISIONS**

For each item of the Life Safety Code recommended for waiver, list the survey report form item number and state the reason for the conclusion that: (a) the specific provisions of the code, if rigidly applied, would result in unreasonable hardship on the facility, and (b) the waiver of such unmet provisions will not adversely affect the health and safety of the patients. If additional space is required, attach additional sheet(s).

**PROVISION NUMBER(S)**

**JUSTIFICATION**

K400

Surveyor ( <i>Signature</i> )	Title	Office	Date
Fire Authority Official ( <i>Signature</i> )	Title	Office	Date

**PART IV - FIRE SAFETY SURVEY REPORT  
CRUCIAL DATA EXTRACT  
(TO BE USED WITH CMS 2786 FORMS)**

Provider Number  K1	Facility Name	Survey Date  *K4
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K6 DATE OF PLAN APPROVAL	K3 MULTIPLE CONSTRUCTION TOTAL NUMBER OF BUILDINGS _____ NUMBER OF THIS BUILDING _____	<input type="checkbox"/> A. BUILDING <input type="checkbox"/> B. WING <input type="checkbox"/> C. FLOOR <input type="checkbox"/> D. APARTMENT UNIT
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<p>LSC FORM INDICATOR</p> <table border="1" style="width:100%; border-collapse: collapse; margin-bottom: 10px;"> <tr><th align="center" colspan="3">HEALTH CARE FORM</th></tr> <tr><td style="width:5%;">12</td><td style="width:20%;">2786R</td><td style="width:75%;">2012 EXISTING</td></tr> <tr><td>13</td><td>2786R</td><td>2012 NEW</td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse; margin-bottom: 10px;"> <tr><th align="center" colspan="3">AHCO FORM</th></tr> <tr><td>14</td><td>2786U</td><td>2012 EXISTING</td></tr> <tr><td>15</td><td>2786U</td><td>2012 NEW</td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse; margin-bottom: 10px;"> <tr><th align="center" colspan="3">ICF/IID FORM</th></tr> <tr><td>16</td><td>2786V, W, X</td><td>2012 EXISTING</td></tr> <tr><td>17</td><td>2786V, W, X</td><td>2012 NEW</td></tr> </table> <p>*K7 <input type="checkbox"/> SELECT NUMBER OF FORM USED FROM ABOVE</p>	HEALTH CARE FORM			12	2786R	2012 EXISTING	13	2786R	2012 NEW	AHCO FORM			14	2786U	2012 EXISTING	15	2786U	2012 NEW	ICF/IID FORM			16	2786V, W, X	2012 EXISTING	17	2786V, W, X	2012 NEW	<p>COMPLETE IF ICF/IID IS SURVEYED UNDER CHAPTER 33, EXISTING</p> <p>SMALL (16 BEDS OR LESS)</p> <p>K8 <input type="checkbox"/> 1. PROMPT 2. SLOW 3. IMPRACTICAL</p> <hr/> <p>LARGE</p> <p>K8 <input type="checkbox"/> 4. PROMPT 5. SLOW 6. IMPRACTICAL</p> <hr/> <p>APARTMENT HOUSE</p> <p>K8 <input type="checkbox"/> 7. PROMPT 8. SLOW 9. IMPRACTICAL</p>
HEALTH CARE FORM																												
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17	2786V, W, X	2012 NEW																										

<p><i>(Check if K321 or K351 are marked as not applicable in the 2786 M, R, T, U, V, W, X, and Y.)</i></p> <p>K321: <input type="checkbox"/>      K351: <input type="checkbox"/></p>	<p>COMPLETE IF ICF/IID IS SURVEYED UNDER CHAPTER 33, EXISTING</p> <p>ENTER E – SCORE</p> <p>K5: <input type="checkbox"/> e.g. 2.5</p>
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\*K9 FACILITY MEETS LSC BASED ON *(Check all that Apply)*

A1. <input type="checkbox"/>	A2. <input type="checkbox"/>	A3. <input type="checkbox"/>	A4. <input type="checkbox"/>	A5. <input type="checkbox"/>
(COMP. WITH ALL PROVISIONS)	(ACCEPTABLE POC)	(WAIVERS)	(FSES)	(PERFORMANCE BASED DESIGN)

<p>FACILITY DOES NOT MEET LSC</p> <p style="text-align: center;">B. <input type="checkbox"/></p>	<p>K0180</p> <table style="width:100%;"> <tr> <td style="text-align: center;">A. <input type="checkbox"/></td> <td style="text-align: center;">B. <input type="checkbox"/></td> <td style="text-align: center;">C. <input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">FULLY SPRINKLERED <small>(All required areas are sprinklered)</small></td> <td style="text-align: center;">PARTIALLY SPRINKLERED <small>(Not all required areas are sprinklered)</small></td> <td style="text-align: center;">NONE <small>(No sprinkler system)</small></td> </tr> </table>	A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input type="checkbox"/>	FULLY SPRINKLERED <small>(All required areas are sprinklered)</small>	PARTIALLY SPRINKLERED <small>(Not all required areas are sprinklered)</small>	NONE <small>(No sprinkler system)</small>
A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input type="checkbox"/>					
FULLY SPRINKLERED <small>(All required areas are sprinklered)</small>	PARTIALLY SPRINKLERED <small>(Not all required areas are sprinklered)</small>	NONE <small>(No sprinkler system)</small>					

\*MANDATORY

<b>FIRE SAFETY SURVEY REPORT - 2012 LIFE SAFETY CODE HEALTHCARE</b>	1. (A) PROVIDER NUMBER <small>K1</small>	1. (B) MEDICAID I.D. NO. <small>K2</small>
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PART I — Life Safety Code, New and Existing  
PART II — Health Care Facilities Code, New and Existing  
PART III — Recommendation for Waiver  
PART IV – Crucial Data Extract

OPTIONAL — Chapter 4 – NFPA 101A - Fire Safety Evaluation System for Health Care Occupancies – CMS-2786T

Identifying information as shown in applicable records. Enter changes, if any, alongside each item, giving date of change.

2. NAME OF FACILITY	2. (A) MULTIPLE CONSTRUCTION (BLDGS) A. BUILDING _____ B. WING _____ C. FLOOR _____ <small>K3</small>	2. (B) ADDRESS OF FACILITY (STREET, CITY, STATE, ZIP CODE)	A. <input type="checkbox"/> Fully Sprinklered (All required areas are sprinklered) B. <input type="checkbox"/> Partially Sprinklered (Not all required areas are sprinklered) C. <input type="checkbox"/> None (No sprinkler system) <small>K0180</small>
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3. SURVEY FOR <input type="checkbox"/> MEDICARE <input type="checkbox"/> MEDICAID	4. DATE OF SURVEY <small>K4</small>	DATE OF PLAN APPROVAL <small>K6</small>	SURVEY UNDER 5. <input type="checkbox"/> 2012 EXISTING      6. <input type="checkbox"/> 2012 NEW <small>K7</small>
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5. SURVEY FOR CERTIFICATION OF

1.  HOSPITAL      2.  SKILLED/NURSING FACILITY      4.  ICF/IID UNDER HEALTH CARE      5.  HOSPICE

IF "2" OR "5" ABOVE IS MARKED, CHECK APPROPRIATE ITEM(S) BELOW

1.  ENTIRE FACILITY    2.  DISTINCT PART OF (SPECIFY) \_\_\_\_\_

3.  IF DISTINCT PART OF HOSPITAL, IS HOSPITAL ACCREDITED?  
a.  YES      b.  NO

6. BED COMPOSITION	a. TOTAL NO. OF BEDS IN THE FACILITY _____	b. NUMBER OF HOSPITAL BEDS CERTIFIED FOR MEDICARE _____	c. NUMBER OF SKILLED BEDS CERTIFIED FOR MEDICARE _____	d. NUMBER OF SKILLED BEDS CERTIFIED FOR MEDICAID _____	e. NUMBER OF NF or ICF/IID BEDS CERTIFIED FOR MEDICAID _____
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7. A.  THE FACILITY MEETS THE STANDARD, BASED UPON (CHECK ALL APPROPRIATE BOXES)

1.  COMPLIANCE WITH ALL PROVISIONS    2.  ACCEPTANCE OF A PLAN OF CORRECTION    3.  RECOMMENDED WAIVERS    4.  FSES    5.  PERFORMANCE BASED DESIGN

B.  THE FACILITY DOES NOT MEET THE STANDARD

<small>K9</small> SURVEYOR (S) <i>Kimberly Swenson</i>	TITLE	OFFICE	DATE
<small>K10</small> SURVEYOR ID			
FIRE AUTHORITY OFFICIAL <i>William Aderhalder 37009</i>	TITLE	OFFICE	DATE

CMS FORMS SHALL BE COMPLETED AND RETAINED AS PART OF THE SURVEY RECORD.

ID PREFIX		MET	NOT MET	N/A	REMARKS
	<b>PART I – NFPA 101 LSC REQUIREMENTS</b> <b>(Items in italics relate to the FSES)</b>				
	<b>SECTION 1 – GENERAL REQUIREMENTS</b>				
K100	<b>General Requirements – Other</b> List in the REMARKS section any LSC Section 18.1 and 19.1 General Requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.				
K111	<b>Building Rehabilitation</b> <i>Repair, Renovation, Modification, or Reconstruction</i> Any building undergoing repair, renovation, modification, or reconstruction complies with both of the following: <ul style="list-style-type: none"> <li>• Requirements of Chapter 18 and 19.</li> <li>• Requirements of the applicable Sections 43.3, 43.4, 43.5, and 43.6. 18.1.1.4.3, 19.1.1.4.3, 43.1.2.1</li> </ul> <b>Change of Use or Change of Occupancy</b> Any building undergoing change of use or change of occupancy classification complies with the requirements of Section 43.7, unless permitted by 18.1.1.4.2 or 19.1.1.4.2. 18.1.1.4.2 (4.6.7 and 4.6.11), 19.1.1.4.2 (4.6.7 and 4.6.11), 43.1.2.2 (43.7) <b>Additions</b> Any building undergoing an addition shall comply with the requirements of Section 43.8. If the building has a common wall with a nonconforming building, the common wall is a fire barrier having at least a two hour fire resistance rating constructed of materials as required for the addition. Communicating openings occur only in corridors and are protected by approved self-closing fire doors with at least a 1-1/2 hour fire resistance rating. Additions comply with the requirements of Section 43.8. 18.1.1.4.1 (4.6.7 and 4.6.11), 18.1.1.4.1.1 (8.3), 18.1.1.4.1.2, 18.1.1.4.1.3, 19.1.1.4.1 (4.6.7 and 4.6.11), 19.1.1.4.1.1 (8.3), 19.1.1.4.1.2, 19.1.1.4.1.3, 43.1.2.3(43.8)				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K112	<p><b>Sprinkler Requirements for Major Rehabilitation</b></p> <p>If a nonsprinklered smoke compartment has undergone major rehabilitation the automatic sprinkler requirements of 18.3.5 have been applied to the smoke compartment.</p> <p>In cases where the building is not protected throughout by a sprinkler system, the requirements of 18.4.3.2, 18.4.3.3, and 18.4.3.8 are also met.</p> <p>Note: Major rehabilitation involves the modification of more than 50 percent, or more than 4500 ft<sup>2</sup> of the area of the smoke compartment.</p> <p>18.1.1.4.3.3, 19.1.1.4.3.3</p>				
K131	<p><b>Multiple Occupancies – Sections of Health Care Facilities</b></p> <p>Sections of health care facilities classified as other occupancies meet all of the following:</p> <ul style="list-style-type: none"> <li>• They are not intended to serve four or more inpatients for purposes of housing, treatment, or customary access.</li> <li>• They are separated from areas of health care occupancies by construction having a minimum two hour fire resistance rating in accordance with Chapter 8.</li> <li>• The entire building is protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.</li> </ul> <p>Hospital outpatient surgical departments are required to be classified as an Ambulatory Health Care Occupancy regardless of the number of patients served.</p> <p>18.1.3.3, 19.1.3.3, 42 CFR 482.41, 42 CFR 485.623</p>				
K132	<p><b>Multiple Occupancies – Contiguous Non-Health Care Occupancies</b></p> <p>Non-health care occupancies that are located immediately next to a Health Care Occupancy, but are primarily intended to provide outpatient services are permitted to be classified as Business or Ambulatory Health Care Occupancies, provided the facilities are separated by construction having not less than two hour fire resistance-rated construction, and are not intended to provide services simultaneously for four or more inpatients. Outpatient surgical departments must be classified as Ambulatory Health Care Occupancy regardless of the number of patients served.</p> <p>18.1.3.4.1, 19.1.3.4.1</p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS																							
K133	<p><b>Multiple Occupancies – Construction Type</b></p> <p>Where separated occupancies are in accordance with 18/19.1.3.2 or 18/19.1.3.4, the most stringent construction type is provided throughout the building, unless a two hour separation is provided in accordance with 8.2.1.3, in which case the construction type is determined as follows:</p> <ul style="list-style-type: none"> <li>The construction type and supporting construction of the health care occupancy is based on the story in which it is located in the building in accordance with 18/19.1.6 and Tables 18/19.1.6.1.</li> <li>The construction type of the areas of the building enclosing the other occupancies shall be based on the applicable occupancy chapters.</li> </ul> <p>18.1.3.5, 19.1.3.5, 8.2.1.3</p>																											
K161	<p><b>Building Construction Type and Height</b></p> <p>2012 EXISTING</p> <p>Building construction type and stories meets Table 19.1.6.1, unless otherwise permitted by 19.1.6.2 through 19.1.6.7</p> <p>19.1.6.4, 19.1.6.5</p> <table border="1" data-bbox="220 813 1100 1273"> <thead> <tr> <th></th> <th>Construction Type</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>I (442), I (332), II (222)</td> <td>Any number of stories non-sprinklered or sprinklered</td> </tr> <tr> <td>2</td> <td>II (111)</td> <td>One story non-sprinklered Maximum 3 stories sprinklered</td> </tr> <tr> <td>3</td> <td>II (000)</td> <td rowspan="4">Not allowed non-sprinklered Maximum 2 stories sprinklered</td> </tr> <tr> <td>4</td> <td>III (211)</td> </tr> <tr> <td>5</td> <td>IV (2HH)</td> </tr> <tr> <td>6</td> <td>V (111)</td> </tr> <tr> <td>7</td> <td>III (200)</td> <td rowspan="2">Not allowed non-sprinklered Maximum 1 story sprinklered</td> </tr> <tr> <td>8</td> <td>V (000)</td> </tr> </tbody> </table> <p><i>Sprinklered stories must be sprinklered throughout by an approved, supervised automatic system in accordance with section 9.7. (See 19.3.5)</i></p> <p><i>Give a brief description, in REMARKS, of the construction, the number of stories, including basements, floors on which patients are located, location of smoke or fire barriers and dates of approval. Complete sketch or attach small floor plan of the building as appropriate.</i></p>		Construction Type		1	I (442), I (332), II (222)	Any number of stories non-sprinklered or sprinklered	2	II (111)	One story non-sprinklered Maximum 3 stories sprinklered	3	II (000)	Not allowed non-sprinklered Maximum 2 stories sprinklered	4	III (211)	5	IV (2HH)	6	V (111)	7	III (200)	Not allowed non-sprinklered Maximum 1 story sprinklered	8	V (000)				
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8	V (000)																											

ID PREFIX		MET	NOT MET	N/A	REMARKS																							
K161	<p>2012 NEW</p> <p>Building construction type and stories meets Table 18.1.6.1, unless otherwise permitted by 18.1.6.2 through 18.1.6.7</p> <p>18.1.6.4, 18.1.6.5</p> <table border="1" data-bbox="222 396 1100 850"> <thead> <tr> <th data-bbox="222 396 262 440"></th> <th data-bbox="262 396 659 440">Construction Type</th> <th data-bbox="659 396 1100 440"></th> </tr> </thead> <tbody> <tr> <td data-bbox="222 440 262 509">1</td> <td data-bbox="262 440 659 509">I (442), I (332), II (222)</td> <td data-bbox="659 440 1100 509">Not allowed non-sprinklered Any number of stories sprinklered</td> </tr> <tr> <td data-bbox="222 509 262 579">2</td> <td data-bbox="262 509 659 579">II (111)</td> <td data-bbox="659 509 1100 579">Not allowed non-sprinklered Maximum 3 stories sprinklered</td> </tr> <tr> <td data-bbox="222 579 262 630">3</td> <td data-bbox="262 579 659 630">II (000)</td> <td data-bbox="659 579 1100 776" rowspan="4">Not allowed non-sprinklered Maximum 1 story sprinklered</td> </tr> <tr> <td data-bbox="222 630 262 680">4</td> <td data-bbox="262 630 659 680">III (211)</td> </tr> <tr> <td data-bbox="222 680 262 730">5</td> <td data-bbox="262 680 659 730">IV (2HH)</td> </tr> <tr> <td data-bbox="222 730 262 781">6</td> <td data-bbox="262 730 659 781">V (111)</td> </tr> <tr> <td data-bbox="222 781 262 831">7</td> <td data-bbox="262 781 659 831">III (200)</td> <td data-bbox="659 781 1100 850" rowspan="2">Not allowed non-sprinklered</td> </tr> <tr> <td data-bbox="222 831 262 850">8</td> <td data-bbox="262 831 659 850">V (000)</td> </tr> </tbody> </table> <p><i>Sprinklered stories must be sprinklered throughout by an approved, supervised automatic system in accordance with section 9.7. (See 18.3.5)</i></p> <p><i>Give a brief description, in REMARKS, of the construction, the number of stories, including basements, floors on which patients are located, location of smoke or fire barriers and dates of approval. Complete sketch or attach small floor plan of the building as appropriate.</i></p>		Construction Type		1	I (442), I (332), II (222)	Not allowed non-sprinklered Any number of stories sprinklered	2	II (111)	Not allowed non-sprinklered Maximum 3 stories sprinklered	3	II (000)	Not allowed non-sprinklered Maximum 1 story sprinklered	4	III (211)	5	IV (2HH)	6	V (111)	7	III (200)	Not allowed non-sprinklered	8	V (000)				
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K162	<p><b>Roofing Systems Involving Combustibles</b></p> <p>2012 EXISTING</p> <p>Buildings of Type I (442), Type I (332), Type II (222), or Type II (111) having roof systems employing combustible roofing supports, decking or roofing meet the following:</p> <ol style="list-style-type: none"> <li>1. roof covering meets Class C requirements.</li> <li>2. roof is separated from occupied building portions with a noncombustible floor assembly using not less than 2½ inches concrete or gypsum fill.</li> <li>3. attic or other space is either unoccupied or protected throughout by an approved automatic sprinkler system.</li> </ol> <p>19.1.6.2*, ASTM E108, ANSI/UL 790</p>																											

ID PREFIX		MET	NOT MET	N/A	REMARKS
K162	<p>2012 NEW</p> <p>Buildings of Type I (442), Type I (332), Type II (222), Type II (111) having roof systems employing combustible roofing supports, decking or roofing meet the following:</p> <ol style="list-style-type: none"> <li>1. roof covering meets Class A requirements.</li> <li>2. roof is separated from occupied building portions with 2 hour fire resistive noncombustible floor assembly using not less than 2½ inches concrete or gypsum fill.</li> <li>3. the structural elements supporting the rated floor assembly meet the required fire resistance rating of the building.</li> </ol> <p>18.1.6.2, ASTM E108, ANSI/UL 790</p>				
K163	<p><b>Interior Nonbearing Wall Construction</b></p> <p>Interior nonbearing walls in Type I or II construction are constructed of noncombustible or limited-combustible materials.</p> <p>Interior nonbearing walls required to have a minimum 2 hour fire resistance rating are permitted to be fire-retardant-treated wood enclosed within noncombustible or limited-combustible materials, provided they are not used as shaft enclosures.</p> <p>18.1.6.4, 18.1.6.5, 19.1.6.4, 19.1.6.5</p>				
<b>SECTION 2 – MEANS OF EGRESS REQUIREMENTS</b>					
K200	<p><b>Means of Egress Requirements – Other</b></p> <p>List in the REMARKS section any LSC Section 18.2 and 19.2 Means of Egress requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p> <p>18.2, 19.2</p>				
K211	<p><b>Means of Egress – General</b></p> <p>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 use in case of emergency, unless modified by 18/19.2.2 through 18/19.2.11.</p> <p>18.2.1, 19.2.1, 7.1.10.1</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K221	<p><b>Patient Sleeping Room Doors</b></p> <p>Locks on patient sleeping room doors are not permitted unless the key-locking device that restricts access from the corridor does not restrict egress from the patient room, or the locking arrangement is permitted for patient clinical, security or safety needs in accordance with 18.2.2.2.5 or 19.2.2.2.5.</p> <p>18.2.2.2, 19.2.2.2, TIA 12-4</p>				
K222	<p><b>Egress Doors</b></p> <p>Doors in a required means of egress shall not be equipped with a latch or a lock that requires the use of a tool or key from the egress side unless using one of the following special locking arrangements:</p> <p><input type="checkbox"/> CLINICAL NEEDS OR SECURITY THREAT LOCKING</p> <p>Where special locking arrangements for the clinical security needs of the patient are used, only one locking device shall be permitted on each door and provisions shall be made for the rapid removal of occupants by: remote control of locks; keying of all locks or keys carried by staff at all times; or other such reliable means available to the staff at all times.</p> <p>18.2.2.2.5.1, 18.2.2.2.6, 19.2.2.2.5.1, 19.2.2.2.6</p> <p><input type="checkbox"/> SPECIAL NEEDS LOCKING ARRANGEMENTS</p> <p>Where special locking arrangements for the safety needs of the patient are used, all of the Clinical or Security Locking requirements are being met. In addition, the locks must be electrical locks that fail safely so as to release upon loss of power to the device; the building is protected by a supervised automatic sprinkler system and the locked space is protected by a complete smoke detection system (or is constantly monitored at an attended location within the locked space); and both the sprinkler and detection systems are arranged to unlock the doors upon activation.</p> <p>18.2.2.2.5.2, 19.2.2.2.5.2, TIA 12-4</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K222	<p><input type="checkbox"/> DELAYED-EGRESS LOCKING ARRANGEMENTS                      Approved, listed delayed-egress locking systems installed in accordance with 7.2.1.6.1 shall be permitted on door assemblies serving low and ordinary hazard contents in buildings protected throughout by an approved, supervised automatic fire detection system or an approved, supervised automatic sprinkler system.                      18.2.2.2.4, 19.2.2.2.4</p> <p><input type="checkbox"/> ACCESS-CONTROLLED EGRESS LOCKING ARRANGEMENTS                      Access-Controlled Egress Door assemblies installed in accordance with 7.2.1.6.2 shall be permitted.                      18.2.2.2.4, 19.2.2.2.4</p> <p><input type="checkbox"/> ELEVATOR LOBBY EXIT ACCESS LOCKING ARRANGEMENTS                      Elevator lobby exit access door locking in accordance with 7.2.1.6.3 shall be permitted on door assemblies in buildings protected throughout by an approved, supervised automatic fire detection system and an approved, supervised automatic sprinkler system.                      18.2.2.2.4, 19.2.2.2.4</p>				
K223	<p><b>Doors with Self-Closing Devices</b>                      Doors in an exit passageway, stairway enclosure, or horizontal exit, smoke barrier, or hazardous area enclosure are self-closing and kept in the closed position, unless held open by a release device complying with 7.2.1.8.2 that automatically closes all such doors throughout the smoke compartment or entire facility upon activation of:</p> <ul style="list-style-type: none"> <li>• Required manual fire alarm system; and</li> <li>• Local smoke detectors designed to detect smoke passing through the opening or a required smoke detection system; and</li> <li>• Automatic sprinkler system, if installed; and</li> <li>• Loss of power.</li> </ul> <p>18.2.2.2.7, 18.2.2.2.8, 19.2.2.2.7, 19.2.2.2.8</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K224	<p><b>Horizontal-Sliding Doors</b></p> <p>Horizontal-sliding doors permitted by 7.2.1.14 that are not automatic-closing are limited to a single leaf and shall have a latch or other mechanism to ensure the door will not rebound.</p> <p>Horizontal-sliding doors serving an occupant load fewer than 10 shall be permitted, providing all of the following criteria are met:</p> <ul style="list-style-type: none"> <li>• Area served by the door has no high hazard contents.</li> <li>• Door is operable from either side without special knowledge or effort.</li> <li>• Force required to operate the door in the direction of travel is <math>\leq 30</math> lbf to set the door in motion and <math>\leq 15</math> lbf to close or open to the required width.</li> <li>• Assembly is appropriately fire rated, and where rated, is self-or automatic-closing by smoke detection per 7.2.1.8, and installed per NFPA 80.</li> <li>• Where required to latch, the door has a latch or other mechanism to ensure the door will not rebound.</li> </ul> <p>18.2.2.2.10, 19.2.2.2.10</p>				
K225	<p><b>Stairways and Smokeproof Enclosures</b></p> <p>Stairways and Smokeproof enclosures used as exits are in accordance with 7.2.</p> <p>18.2.2.3, 18.2.2.4, 19.2.2.3, 19.2.2.4, 7.2</p>				
K226	<p><b>Horizontal Exits</b></p> <p>Horizontal exits, if used, are in accordance with 7.2.4 and the provisions of 18.2.2.5.1 through 18.2.2.5.7, or 19.2.2.5.1 through 19.2.2.5.4.</p> <p>18.2.2.5, 19.2.2.5</p>				
K227	<p><b>Ramps and Other Exits</b></p> <p>Ramps, exit passageways, fire and slide escapes, alternating tread devices, and areas of refuge are in accordance with the provisions 7.2.5 through 7.2.12.</p> <p>18.2.2.6 to 18.2.2.10 or 19.2.2.6 to 19.2.2.10</p>				
K231	<p><b>Means of Egress Capacity</b></p> <p>The capacity of required means of egress is in accordance with 7.3.</p> <p>18.2.3.1, 19.2.3.1</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K232	<p><b>Aisle, Corridor or Ramp Width</b> 2012 EXISTING The width of aisles or corridors (clear or unobstructed) serving as exit access shall be at least 4 feet and maintained to provide the convenient removal of nonambulatory patients on stretchers, except as modified by 19.2.3.4, exceptions 1-5. 19.2.3.4, 19.2.3.5</p> <p>2012 NEW The width of aisles or corridors (clear and unobstructed) serving as exit access in hospitals and nursing homes shall be at least 8 feet. In limited care facility and psychiatric hospitals, width of aisles or corridors shall be at least 6 feet, except as modified by the 18.2.3.4 or 18.2.3.5 exceptions. 18.2.3.4, 18.2.3.5</p>				
K233	<p><b>Clear Width of Exit and Exit Access Doors</b> 2012 EXISTING Exit access doors and exit doors are of the swinging type and are at least 32 inches in clear width. Exceptions are provided for existing 34-inch doors and for existing 28-inch doors where the fire plan does not require evacuation by bed, gurney, or wheelchair. 19.2.3.6, 19.2.3.7</p> <p>2012 NEW Exit access doors and exit doors are of the swinging type and are at least 41.5 inches in clear width. In psychiatric hospitals or limited care facilities, doors are at least 32 inches wide. Doors not subject to patient use, in exit stairway enclosures, or serving newborn nurseries shall be no less than 32 inches in clear width. If using a pair of doors, the doors shall be provided with a rabbet, bevel, or astragal at the meeting edge, at least one of the doors shall provide 32 inches in clear width, and the inactive leaf of the pair shall be secured with automatic flush bolts. 18.2.3.6, 18.2.3.7</p>				
K241	<p><b>Number of Exits – Story and Compartment</b> Not less than two exits, remote from each other, and accessible from every part of every story are provided for each story. Each smoke compartment shall likewise be provided with two distinct egress paths to exits that do not require the entry into the same adjacent smoke compartment. 18.2.4.1-18.2.4.4, 19.2.4.1-19.2.4.4</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K251	<p><b>Dead-End Corridors and Common Path of Travel</b></p> <p>2012 EXISTING</p> <p>Dead-end corridors shall not exceed 30 feet. Existing dead-end corridors greater than 30 feet shall be permitted to be continued to be used if it is impractical and unfeasible to alter them.</p> <p>19.2.5.2</p>				
K251	<p>2012 NEW</p> <p>Dead-end corridors shall not exceed 30 feet. Common path of travel shall not exceed 100 feet.</p> <p>18.2.5.2, 18.2.5.3</p>				
K252	<p><b>Number of Exits – Corridors</b></p> <p>Every corridor shall provide access to not less than two approved exits in accordance with Sections 7.4 and 7.5 without passing through any intervening rooms or spaces other than corridors or lobbies.</p> <p>18.2.5.4, 19.2.5.4</p>				
K253	<p><b>Number of Exits – Patient Sleeping and Non-Sleeping Rooms</b></p> <p>Patient sleeping rooms of more than 1,000 square feet or nonsleeping rooms of more than 2,500 square feet have at least two exit access doors remotely located from each other.</p> <p>18.2.5.5.1, 18.2.5.5.2, 19.2.5.5.1, 19.2.5.5.2</p>				
K254	<p><b>Corridor Access</b></p> <p>All habitable rooms not within suites have a door leading directly outside to grade or have a door leading to an exit access corridor. Patient sleeping rooms with less than eight patient beds may have one room intervening to reach an exit access corridor provided the intervening room is equipped with an approved automatic smoke detection system.</p> <p>18.2.5.6.1 through 18.2.5.6.4, 19.2.5.6.1 through 19.2.5.6.4</p>				
K255	<p><b>Suite Separation, Hazardous Content, and Subdivision</b></p> <p>All suites are separated from the remainder of the building (including from other suites) by construction meeting the separation provisions for corridor construction (18.3.6.2-18.3.6.5 or 19.3.6.2-19.3.6.5). Existing approved barriers shall be allowed to continue to be used provided they limit the transfer of smoke. Intervening rooms have no hazardous areas and hazardous areas within suites comply with 18/19.2.5.7.1.3. Subdivision of suites shall be by noncombustible or limited-combustible construction.</p> <p>18.2.5.7.1.2 through 18.2.5.7.1.4, 19.2.5.7.1.2, 19.2.5.7.1.3, 19.2.5.7.1.4</p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS
K256	<p><b>Sleeping Suites</b></p> <p>Occupants shall have exit access to a corridor or direct access to a horizontal exit. Where <math>\geq 2</math> exits are required, one exit access door may be to a stairway, passageway or to the exterior. Suites shall be provided with constant staff supervision. Staff shall have direct visual supervision of patient sleeping rooms, from a constantly attended location or the room shall be provided with an automatic smoke detection system.</p> <p>Suites more than 1,000 ft<sup>2</sup> shall have 2 or more remote exits. One means of egress from the suite shall be to a corridor and one may be into an adjacent suite separated in accordance with corridor requirements.</p> <p>Suites shall not exceed the following size limitations:</p> <ul style="list-style-type: none"> <li>• 5,000 square feet if the suite is not fully smoke detected or fully sprinklered.</li> <li>• 7,500 square feet if the suite is either fully smoke detected or fully sprinklered.</li> <li>• 10,000 square feet if the suite is both fully smoke detected and fully sprinklered and the sleeping rooms have direct supervision from a constantly attended location.</li> </ul> <p>Travel distance between any point in a suite to exit access shall not exceed 100 feet and distance to an exit shall not exceed 150 feet (200 feet if building is fully sprinklered).</p> <p>18.2.5.7.2, 19.2.5.7.2</p>				
K257	<p><b>Non-Sleeping Suites</b></p> <p>Occupants shall have exit access to a corridor or direct access to a horizontal exit. Where <math>\geq 2</math> exits are required, one exit access door may be to a stairway, passageway or to the exterior.</p> <p>Suites more than 2,500 ft<sup>2</sup> shall have 2 or more remote exits. One means of egress from the suite shall be to a corridor and one may be into an adjacent suite separated in accordance with corridor requirements.</p> <p>Suites shall not exceed 10,000 ft<sup>2</sup>.</p> <p>Travel distance between any point in a suite to exit access shall not exceed 100 feet and distance to an exit shall not exceed 150 feet (200 feet if building is fully sprinklered).</p> <p>18.2.5.7.3, 19.2.5.7.3</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K261	<p><b>Travel Distance to Exits</b></p> <p>Travel distance (excluding suites) to exits are measured in accordance with 7.6.</p> <ul style="list-style-type: none"> <li>From any point in the room or suite to exit less than or equal to 150 feet (less than or equal to 200 feet if the building is fully sprinklered).</li> <li>Point in a room to room door less than or equal to 50 feet.</li> </ul> <p>18.2.6, 19.2.6</p>				
K271	<p><b>Discharge from Exits</b></p> <p>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. Additionally, the exit discharge shall be a hard packed all-weather travel surface.</p> <p>18.2.7, 19.2.7</p>				
K281	<p><b>Illumination of Means of Egress</b></p> <p>Illumination of means of egress, including exit discharge, is arranged in accordance with 7.8 and shall be either continuously in operation or capable of automatic operation without manual intervention.</p> <p>18.2.8, 19.2.8</p>				
K291	<p><b>Emergency Lighting</b></p> <p>Emergency lighting of at least 1-1/2 hour duration is provided automatically in accordance with 7.9.</p> <p>18.2.9.1, 19.2.9.1</p>				
K292	<p><b>Life Support Means of Egress</b></p> <p>2012 NEW (INDICATE N/A FOR EXISTING)</p> <p>Buildings equipped with or requiring the use of life support systems (electro-mechanical or inhalation anesthetics) have illumination of means of egress, emergency lighting equipment, exit, and directional signs supplied by the life safety branch of the electrical system described in NFPA 99.</p> <p>(Indicate N/A if life support equipment is for emergency purposes only.)</p> <p>18.2.9.2, 18.2.10.5</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K293	<p><b>Exit Signage</b> 2012 EXISTING Exit and directional signs are displayed in accordance with 7.10 with continuous illumination also served by the emergency lighting system. 19.2.10.1 (Indicate N/A in one-story existing occupancies with less than 30 occupants where the line of exit travel is obvious.)</p>				
	2012 NEW				
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	<b>SECTION 3 – PROTECTION</b>				
K300	<p><b>Protection – Other</b> List in the REMARKS section any LSC Section 18.3 and 19.3 Protection requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p>				
K311	<p><b>Vertical Openings – Enclosure</b> 2012 EXISTING Stairways, elevator shafts, light and ventilation shafts, chutes, and other vertical openings between floors are enclosed with construction having a fire resistance rating of at least 1-hour. An atrium may be used in accordance with 8.6. 19.3.1.1 through 19.3.1.6 <i>If all vertical openings are properly enclosed with construction providing at least a 2 hour fire resistance rating, also check this box.</i> <input type="checkbox"/></p>				
	<p>2012 NEW Stairways, elevator shafts, light and ventilation shafts, chutes, and other vertical openings between floors are enclosed with construction having a fire resistance rating of at least 2 hours connecting four or more stories. (1-hour for single story building and buildings up to three stories in height.) An atrium may be used in accordance with 8.6.7. 18.3.1 through 18.3.1.5</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS																																
K321	<p><b>Hazardous Areas – Enclosure</b>                      2012 EXISTING                      Hazardous areas are protected by a fire barrier having 1-hour fire resistance rating (with ¾ hour fire rated doors) or an automatic fire extinguishing system in accordance with 8.7.1 or 19.3.5.9. When the approved automatic fire extinguishing system option is used, the areas shall be separated from other spaces by smoke resisting partitions and doors in accordance with 8.4. Doors shall be self-closing or automatic-closing and permitted to have nonrated or field-applied protective plates that do not exceed 48 inches from the bottom of the door.  <i>Describe the floor and zone locations of hazardous areas that are deficient in REMARKS.</i>                      19.3.2.1, 19.3.5.9</p> <table border="1" data-bbox="210 743 1045 1222"> <thead> <tr> <th data-bbox="210 743 615 800">Area</th> <th data-bbox="615 743 842 800">Automatic Sprinkler</th> <th data-bbox="842 743 974 800">Separation</th> <th data-bbox="974 743 1045 800">N/A</th> </tr> </thead> <tbody> <tr> <td data-bbox="210 800 615 857">a. Boiler and Fuel-Fired Heater Rooms</td> <td data-bbox="615 800 842 857"></td> <td data-bbox="842 800 974 857"></td> <td data-bbox="974 800 1045 857"></td> </tr> <tr> <td data-bbox="210 857 615 914">b. Laundries (larger than 100 sq. ft.)</td> <td data-bbox="615 857 842 914"></td> <td data-bbox="842 857 974 914"></td> <td data-bbox="974 857 1045 914"></td> </tr> <tr> <td data-bbox="210 914 615 971">c. Repair, Maintenance, and Paint Shops</td> <td data-bbox="615 914 842 971"></td> <td data-bbox="842 914 974 971"></td> <td data-bbox="974 914 1045 971"></td> </tr> <tr> <td data-bbox="210 971 615 1044">d. Soiled Linen Rooms (exceeding 64 gal.)</td> <td data-bbox="615 971 842 1044"></td> <td data-bbox="842 971 974 1044"></td> <td data-bbox="974 971 1045 1044"></td> </tr> <tr> <td data-bbox="210 1044 615 1109">e. Trash Collection Rooms (exceeding 64 gal.)</td> <td data-bbox="615 1044 842 1109"></td> <td data-bbox="842 1044 974 1109"></td> <td data-bbox="974 1044 1045 1109"></td> </tr> <tr> <td data-bbox="210 1109 615 1166">f. Combustible Storage Rooms/Spaces (over 50 sq. ft.)</td> <td data-bbox="615 1109 842 1166"></td> <td data-bbox="842 1109 974 1166"></td> <td data-bbox="974 1109 1045 1166"></td> </tr> <tr> <td data-bbox="210 1166 615 1222">g. Laboratories (if classified as Severe Hazard - see K322)</td> <td data-bbox="615 1166 842 1222"></td> <td data-bbox="842 1166 974 1222"></td> <td data-bbox="974 1166 1045 1222"></td> </tr> </tbody> </table>	Area	Automatic Sprinkler	Separation	N/A	a. Boiler and Fuel-Fired Heater Rooms				b. Laundries (larger than 100 sq. ft.)				c. Repair, Maintenance, and Paint Shops				d. Soiled Linen Rooms (exceeding 64 gal.)				e. Trash Collection Rooms (exceeding 64 gal.)				f. Combustible Storage Rooms/Spaces (over 50 sq. ft.)				g. Laboratories (if classified as Severe Hazard - see K322)							
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K321	<p>2012 NEW</p> <p>Hazardous areas are protected in accordance with 18.3.2.1. The areas shall be enclosed with a 1-hour fire-rated barrier, with a ¾ hour fire-rated door without windows (in accordance with 8.7.1.1). Doors shall be self-closing or automatic-closing in accordance with 7.2.1.8. Hazardous areas are protected by a sprinkler system in accordance with 9.7, 18.3.2.1, and 8.4.</p> <p><i>Describe the floor and zone locations of hazardous areas that are deficient in REMARKS.</i></p> <p>18.3.2.1, 7.2.1.8, 8.4, 8.7, 9.7</p> <table border="1" data-bbox="210 625 1043 1182"> <thead> <tr> <th data-bbox="210 625 613 682">Area</th> <th data-bbox="613 625 840 682">Automatic Sprinkler</th> <th data-bbox="840 625 970 682">Separation</th> <th data-bbox="970 625 1043 682">N/A</th> </tr> </thead> <tbody> <tr> <td data-bbox="210 682 613 738">a. Boiler and Fuel-Fired Heater Rooms</td> <td data-bbox="613 682 840 738"></td> <td data-bbox="840 682 970 738"></td> <td data-bbox="970 682 1043 738"></td> </tr> <tr> <td data-bbox="210 738 613 795">b. Laundries (larger than 100 sq. ft.)</td> <td data-bbox="613 738 840 795"></td> <td data-bbox="840 738 970 795"></td> <td data-bbox="970 738 1043 795"></td> </tr> <tr> <td data-bbox="210 795 613 852">c. Repair, Maintenance, and Paint Shops</td> <td data-bbox="613 795 840 852"></td> <td data-bbox="840 795 970 852"></td> <td data-bbox="970 795 1043 852"></td> </tr> <tr> <td data-bbox="210 852 613 933">d. Soiled Linen Rooms (exceeding 64 gal.)</td> <td data-bbox="613 852 840 933"></td> <td data-bbox="840 852 970 933"></td> <td data-bbox="970 852 1043 933"></td> </tr> <tr> <td data-bbox="210 933 613 998">e. Trash Collection Rooms (exceeding 64 gal.)</td> <td data-bbox="613 933 840 998"></td> <td data-bbox="840 933 970 998"></td> <td data-bbox="970 933 1043 998"></td> </tr> <tr> <td data-bbox="210 998 613 1063">f. Combustible Storage Rooms/Spaces (over 50 and less than 100 sq. ft.)</td> <td data-bbox="613 998 840 1063"></td> <td data-bbox="840 998 970 1063"></td> <td data-bbox="970 998 1043 1063"></td> </tr> <tr> <td data-bbox="210 1063 613 1128">g. Combustible Storage Rooms/Spaces (over 100 sq. ft.)</td> <td data-bbox="613 1063 840 1128"></td> <td data-bbox="840 1063 970 1128"></td> <td data-bbox="970 1063 1043 1128"></td> </tr> <tr> <td data-bbox="210 1128 613 1182">h. Laboratories (if classified as Severe Hazard - see K322)</td> <td data-bbox="613 1128 840 1182"></td> <td data-bbox="840 1128 970 1182"></td> <td data-bbox="970 1128 1043 1182"></td> </tr> </tbody> </table>	Area	Automatic Sprinkler	Separation	N/A	a. Boiler and Fuel-Fired Heater Rooms				b. Laundries (larger than 100 sq. ft.)				c. Repair, Maintenance, and Paint Shops				d. Soiled Linen Rooms (exceeding 64 gal.)				e. Trash Collection Rooms (exceeding 64 gal.)				f. Combustible Storage Rooms/Spaces (over 50 and less than 100 sq. ft.)				g. Combustible Storage Rooms/Spaces (over 100 sq. ft.)				h. Laboratories (if classified as Severe Hazard - see K322)							
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ID PREFIX		MET	NOT MET	N/A	REMARKS
K322	<p><b>Laboratories</b></p> <p>Laboratories employing quantities of flammable, combustible, or hazardous materials that are considered a severe hazard are protected by 1-hour fire resistance-rated separation, automatic sprinkler system, and are in accordance with 8.7 and with NFPA 99.</p> <p>Laboratories not considered a severe hazard are protected as hazardous areas (see K321).</p> <p>Laboratories using chemicals are in accordance with NFPA 45, <i>Standard on Fire Protection for Laboratories Using Chemicals</i>.</p> <p>Gas appliances are of appropriate design and installed in accordance with NFPA 54. Shutoff valves are marked to identify material they control.</p> <p>Devices requiring medical grade oxygen from the piped distribution system meet the requirements under 11.4.2.2 (NFPA 99).</p> <p>18.3.2.2, 19.3.2.2, 8.7, 8.7.4.1 (LSC)</p> <p>9.3.1.2, 11.4.3.2, 15.4 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K323	<p><b>Anesthetizing Locations</b></p> <p>Areas designated for administration of general anesthesia (i.e., inhalation anesthetics) are in accordance with 8.7 and NFPA 99.</p> <p>Zone valves are: located immediately outside each life-support, critical care, and anesthetizing location of moderate sedation, deep sedation, or general anesthesia for medical gas or vacuum; readily accessible in an emergency; and arranged so shutting off any one anesthetizing location will not affect others.</p> <p>Area alarm panels are provided to monitor all medical gas, medical-surgical vacuum, and piped WAGD systems. Panels are at locations that provide for surveillance, indicate medical gas pressure decreases of 20 percent and vacuum decreases of 12 inch gauge HgV, and provide visual and audible indication. Alarm sensors are installed either on the source side of individual room zone valve box assemblies or on the patient/use side of each of the individual zone box valve assemblies.</p> <p>The EES critical branch supplies power for task illumination, fixed equipment, select receptacles, and select power circuits, and EES equipment system supplies power to ventilation system.</p> <p>Heating, cooling, and ventilation are in accordance with ASHRAE 170. Medical supply and equipment manufacturer's instructions for use are considered before reducing humidity levels to those allowed by ASHRAE, per S&amp;C 13-58.</p> <p>18.3.2.3, 19.3.2.3 (LSC)</p> <p>5.1.4.8.7, 5.1.4.8.7.2, 5.1.9.3, 5.1.9.3.4, 6.4.2.2.4.2 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K324	<p><b>Cooking Facilities</b></p> <p>Cooking equipment is protected in accordance with NFPA 96, <i>Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations</i>, unless:</p> <ul style="list-style-type: none"> <li>• residential cooking equipment (i.e., small appliances such as microwaves, hot plates, toasters) are used for food warming or limited cooking in accordance with 18.3.2.5.2, 19.3.2.5.2.</li> <li>• cooking facilities open to the corridor in smoke compartments with 30 or fewer patients comply with the conditions under 18.3.2.5.3, 19.3.2.5.3, or</li> <li>• cooking facilities in smoke compartments with 30 or fewer patients comply with conditions under 18.3.2.5.4, 19.3.2.5.4.</li> </ul> <p>Cooking facilities protected according to NFPA 96 per 9.2.3 are not required to be enclosed as hazardous areas, but shall not be open to the corridor.</p> <p>18.3.2.5.1 through 18.3.2.5.4, 19.3.2.5.1 through 19.3.2.5.5, 9.2.3, TIA 12-2</p>				
K325	<p><b>Alcohol Based Hand Rub Dispenser (ABHR)</b></p> <p>ABHRs are protected in accordance with 8.7.3.1, unless all conditions are met:</p> <ul style="list-style-type: none"> <li>• Corridor is at least 6 feet wide.</li> <li>• Maximum individual dispenser capacity is 0.32 gallons (0.53 gallons in suites) of fluid and 18 ounces of Level 1 aerosols.</li> <li>• Dispensers shall have a minimum of four foot horizontal spacing.</li> <li>• Not more than an aggregate of 10 gallons of fluid or 1135 ounces of aerosol are used in a single smoke compartment outside a storage cabinet, excluding one individual dispenser per room.</li> <li>• Storage in a single smoke compartment greater than 5 gallons complies with NFPA 30.</li> <li>• Dispensers are not installed within 1 inch of an ignition source.</li> <li>• Dispensers over carpeted floors are in sprinklered smoke compartments.</li> <li>• ABHR does not exceed 95 percent alcohol.</li> <li>• Operation of the dispenser shall comply with Section 18.3.2.6(11) or 19.3.2.6(11).</li> <li>• ABHR is protected against inappropriate access.</li> </ul> <p>18.3.2.6, 19.3.2.6, 42 CFR Parts 403, 418, 460, 482, 483, and 485</p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS
K331	<p><b>Interior Wall and Ceiling Finish</b> 2012 EXISTING Interior wall and ceiling finishes, including exposed interior surfaces of buildings such as fixed or movable walls, partitions, columns, and have a flame spread rating of Class A or Class B. The reduction in class of interior finish for a sprinkler system as prescribed in 10.2.8.1 is permitted. 10.2, 19.3.3.1, 19.3.3.2 <i>Indicate flame spread rating(s).</i> _____</p> <p>2012 NEW Interior wall and ceiling finishes, including exposed interior surfaces of buildings such as fixed or movable walls, partitions and columns have a flame spread rating of Class A. The reduction in class of interior finish for a sprinkler system as prescribed in 10.2.8.1 is permitted. Individual rooms not exceeding four persons may have a Class A or B finish. Lower half of corridor walls, not exceeding 4 feet in height, may have a Class A or B flame spread rating. 10.2, 18.3.3.1, 18.3.3.2 <i>Indicate flame spread rating(s).</i> _____</p>				
K332	<p><b>Interior Floor Finish</b> 2012 NEW (Indicate N/A for 2012 EXISTING) Interior finishes shall comply with 10.2. Floor finishes in exit enclosures and exit access corridors and spaces not separated by walls that resist the passage of smoke shall be Class I or II. 18.3.3.3.1, 18.3.3.3.2, 18.3.3.3.3, 10.2, 10.2.7.1, 10.2.7.2</p>				
K341	<p><b>Fire Alarm System – Installation</b> A fire alarm system is installed with systems and components approved for the purpose in accordance with NFPA 70, <i>National Electric Code</i>, and NFPA 72, <i>National Fire Alarm Code</i> to provide effective warning of fire in any part of the building. In areas not continuously occupied, detection is installed at each fire alarm control unit. In new occupancy, detection is also installed at notification appliance circuit power extenders, and supervising station transmitting equipment. Fire alarm system wiring or other transmission paths are monitored for integrity. 18.3.4.1, 19.3.4.1, 9.6, 9.6.1.8</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K342	<p><b>Fire Alarm System – Initiation</b></p> <p>Initiation of the fire alarm system is by manual means and by any required sprinkler system alarm, detection device, or detection system. Manual alarm boxes are provided in the path of egress near each required exit. Manual alarm boxes in patient sleeping areas shall not be required at exits if manual alarm boxes are located at all nurse's stations or other continuously attended staff location, provided alarm boxes are visible, continuously accessible, and 200' travel distance is not exceeded.</p> <p>18.3.4.2.1, 18.3.4.2.2, 19.3.4.2.1, 19.3.4.2.2, 9.6.2.5</p>				
K343	<p><b>Fire Alarm – Notification</b></p> <p>2012 EXISTING</p> <p>Positive alarm sequence in accordance with 9.6.3.4 are permitted in buildings protected throughout by a sprinkler system. Occupant notification is provided automatically in accordance with 9.6.3 by audible and visual signals.</p> <p>In critical care areas, visual alarms are sufficient. The fire alarm system transmits the alarm automatically to notify emergency forces in the event of a fire.</p> <p>19.3.4.3, 19.3.4.3.1, 19.3.4.3.2, 9.6.4, 9.7.1.1(1)</p>				
	<p>2012 NEW</p> <p>Positive alarm sequence in accordance with 9.6.3.4 are permitted. Occupant notification is provided automatically in accordance with 9.6.3 by audible and visual signals.</p> <p>In critical care areas, visual alarms are sufficient. The fire alarm system transmits the alarm automatically to notify emergency forces in the event of a fire.</p> <p>Annunciation and annunciation zoning for fire alarm and sprinklers shall be provided by audible and visual indicators and zones shall not be larger than 22,500 square feet per zone.</p> <p>18.3.4.3 through 18.3.4.3.3, 9.6.4</p>				
K344	<p><b>Fire Alarm – Control Functions</b></p> <p>The fire alarm automatically activates required control functions and is provided with an alternative power supply in accordance with NFPA 72.</p> <p>18.3.4.4, 19.3.4.4, 9.6.1, 9.6.5, NFPA 72</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K345	<p><b>Fire Alarm System – Testing and Maintenance</b></p> <p>A fire alarm system is tested and maintained in accordance with an approved program complying with the requirements of NFPA 70, <i>National Electric Code</i>, and NFPA 72, <i>National Fire Alarm and Signaling Code</i>. Records of system acceptance, maintenance and testing are readily available.</p> <p>9.6.1.3, 9.6.1.5, NFPA 70, NFPA 72</p>				
K346	<p><b>Fire Alarm – Out of Service</b></p> <p>Where required fire alarm system is out of services for more than 4 hours in a 24 hour period, the authority having jurisdiction shall be notified, and the building shall be evacuated or an approved fire watch shall be provided for all parties left unprotected by the shutdown until the fire alarm system has been returned to service.</p> <p>9.6.1.6</p>				
K347	<p><b>Smoke Detection</b></p> <p>2012 EXISTING</p> <p>Smoke detection systems are provided in spaces open to corridors as required by 19.3.6.1.</p> <p>19.3.4.5.2</p>				
	<p>2012 NEW</p> <p>Smoke detection systems are provided in spaces open to corridors as required by 18.3.6.1</p> <p>In nursing homes, an automatic smoke detection system is installed in the corridors of all smoke compartments containing resident sleeping rooms, unless the resident sleeping rooms have:</p> <ul style="list-style-type: none"> <li>• smoke detection, or</li> <li>• automatic door closing devices with integral smoke detectors on the room side that provide occupant notification.</li> </ul> <p>Such detectors are electrically interconnected to the fire alarm system.</p> <p>18.3.4.5.2, 18.3.4.5.3</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K351	<p><b>Sprinkler System – Installation</b> 2012 EXISTING</p> <p>Nursing homes, and hospitals where required by construction type, are protected throughout by an approved automatic sprinkler system in accordance with NFPA 13, <i>Standard for the Installation of Sprinkler Systems</i>.</p> <p>In Type I and II construction, alternative protection measures are permitted to be substituted for sprinkler protection in specific areas where state or local regulations prohibit sprinklers.</p> <p>In hospitals, sprinklers are not required in clothes closets of patient sleeping rooms where the area of the closet does not exceed 6 ft<sup>2</sup> and sprinkler coverage covers the closet footprint as required by NFPA 13, <i>Standard for Installation of Sprinkler Systems</i>.</p> <p>19.3.5.1, 19.3.5.2, 19.3.5.3, 19.3.5.4, 19.3.5.5, 19.4.2, 19.3.5.10, 9.7, 9.7.1.1(1)</p>				
	<p>2012 NEW</p> <p>Buildings are to be protected throughout by an approved automatic sprinkler system in accordance with NFPA 13, <i>Standard for the Installation of Sprinkler Systems</i>.</p> <p>In Type I and II construction, alternative protection measures are permitted to be substituted for sprinkler protection in specific areas where State and local regulations prohibit sprinklers.</p> <p>Listed quick-response or listed residential sprinklers are used throughout smoke compartments with patient sleeping rooms.</p> <p>In hospitals, sprinklers are not required in clothes closets of patient sleeping rooms where the area of the closet does not exceed 6 ft<sup>2</sup> and sprinkler coverage covers the closet footprint as required by NFPA 13, <i>Standard for Installation of Sprinkler Systems</i>.</p> <p>18.3.5.1, 18.3.5.4, 18.3.5.5, 18.3.5.6, 9.7, 9.7.1.1(1), 18.3.5.10</p>				
K352	<p><b>Sprinkler System – Supervisory Signals</b></p> <p>Automatic sprinkler system supervisory attachments are installed and monitored for integrity in accordance with NFPA 72, <i>National Fire Alarm and Signaling Code</i>, and provide a signal that sounds and is displayed at a continuously attended location or approved remote facility when sprinkler operation is impaired.</p> <p>9.7.2.1, NFPA 72</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K353	<p><b>Sprinkler System – Maintenance and Testing</b></p> <p>Automatic sprinkler and standpipe systems are inspected, tested, and maintained in accordance with NFPA 25, <i>Standard for the Inspection, Testing, and Maintaining of Water-based Fire Protection Systems</i>. Records of system design, maintenance, inspection and testing are maintained in a secure location and readily available.</p> <p>a) Date sprinkler system last checked. _____</p> <p>b) Who provided system test. _____</p> <p>c) Water system supply source. _____</p> <p><i>Provide in REMARKS information on coverage for any non-required or partial automatic sprinkler system.</i></p> <p>9.7.5, 9.7.7, 9.7.8, and NFPA 25</p>				
K354	<p><b>Sprinkler System – Out of Service</b></p> <p>Where the sprinkler system is impaired, the extent and duration of the impairment has been determined, areas or buildings involved are inspected and risks are determined, recommendations are submitted to management or designated representative, and the fire department and other authorities having jurisdiction have been notified. Where the sprinkler system is out of service for more than 10 hours in a 24 hour period, the building or portion of the building affected are evacuated or an approved fire watch is provided until the sprinkler system has been returned to service.</p> <p>18.3.5.1, 19.3.5.1, 9.7.5, 15.5.2 (NFPA 25)</p>				
K355	<p><b>Portable Fire Extinguishers</b></p> <p>Portable fire extinguishers are selected, installed, inspected, and maintained in accordance with NFPA 10, <i>Standard for Portable Fire Extinguishers</i>.</p> <p>18.3.5.12, 19.3.5.12, NFPA 10</p>				
K361	<p><b>Corridors – Areas Open to Corridor</b></p> <p>Spaces (other than patient sleeping rooms, treatment rooms and hazardous areas), waiting areas, nurse's stations, gift shops, and cooking facilities, open to the corridor are in accordance with the criteria under 18.3.6.1 and 19.3.6.1.</p> <p>18.3.6.1, 19.3.6.1</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K362	<p><b>Corridors – Construction of Walls</b></p> <p>2012 EXISTING</p> <p>Corridors are separated from use areas by walls constructed with at least ½ hour fire resistance rating. In fully sprinklered smoke compartments, partitions are only required to resist the transfer of smoke. In nonsprinklered buildings, walls extend to the underside of the floor or roof deck above the ceiling. Corridor walls may terminate at the underside of ceilings where specifically permitted by Code.</p> <p>Fixed fire window assemblies in corridor walls are in accordance with Section 8.3, but in sprinklered compartments there are no restrictions in area or fire resistance of glass or frames.</p> <p><i>If the walls have a fire resistance rating, give the rating _____ if the walls terminate at the underside of the ceiling, give brief description in REMARKS, describing the ceiling throughout the floor area.</i></p> <p>19.3.6.2, 19.3.6.2.7</p>				
	<p>2012 NEW</p> <p>Corridor walls shall form a barrier to limit the transfer of smoke. Such walls shall be permitted to terminate at the ceiling where the ceiling is constructed to limit the transfer of smoke. No fire resistance rating is required for the corridor walls.</p> <p>18.3.6.2</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K363	<p><b>Corridor – Doors</b> 2012 EXISTING</p> <p>Doors protecting corridor openings in other than required enclosures of vertical openings, exits, or hazardous areas resist the passage of smoke and are made of 1¾ inch solid-bonded core wood or other material capable of resisting fire for at least 20 minutes. Doors in fully sprinklered smoke compartments are only required to resist the passage of smoke. Corridor doors and doors to rooms containing flammable or combustible materials have positive latching hardware. Roller latches are prohibited by CMS regulation. These requirements do not apply to auxiliary spaces that do not contain flammable or combustible material.</p> <p>Powered doors complying with 7.2.1.9 are permissible if provided with a device capable of keeping the door closed when a force of 5lbf is applied, whether or not power is applied.</p> <p>Clearance between bottom of door and floor covering is not exceeding 1 inch. There is no impediment to the closing of the doors. Hold open devices that release when the door is pushed or pulled are permitted. Nonrated protective plates of unlimited height are permitted. Dutch doors meeting 19.3.6.3.6 are permitted. Door frames shall be labeled and made of steel or other materials in compliance with 8.3, unless the smoke compartment is sprinklered. Fixed fire window assemblies are allowed per 8.3. In sprinklered compartments there are no restrictions in area or fire resistance of glass or frames in window assemblies.</p> <p>19.3.6.3, 42 CFR Parts 403, 418, 460, 482, 483, and 485</p> <p>Show in REMARKS details of doors such as fire protection ratings, automatics closing devices, etc.</p>				
	<p>2012 NEW</p> <p>Doors protecting corridor openings shall be constructed to resist the passage of smoke. Corridor doors and doors to rooms containing flammable or combustible materials have self-latching and positive latching hardware. Roller latches are prohibited by CMS regulation. These requirements do not apply to auxiliary spaces that do not contain flammable or combustible material.</p> <p>Powered doors complying with 7.2.1.9 are permissible if provided with a device capable of keeping the door closed when a force of 5lbf is applied, whether or not power is applied.</p> <p>Clearance between bottom of door and floor covering is not exceeding 1 inch. There is no impediment to the closing of the doors. Hold open devices that release when the door is pushed or pulled are permitted. Nonrated protective plates of unlimited height are permitted. Dutch doors meeting 18.3.6.3.6 are permitted.</p> <p>18.3.6.3, 42 CFR Parts 403, 418, 460, 482, 483, and 485</p> <p>Show in REMARKS details of doors such as fire protection ratings, automatic closing devices, etc.</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K364	<p><b>Corridor – Openings</b></p> <p>Transfer grilles are not used in corridor walls or doors. Auxiliary spaces that do not contain flammable or combustible materials are permitted to have louvers or be undercut.</p> <p>In other than smoke compartments containing patient sleeping rooms, miscellaneous openings are permitted in vision panels or doors, provided the openings per room do not exceed 20 in<sup>2</sup> and are at or below half the distance from floor to ceiling. In sprinklered rooms, the openings per room do not exceed 80 in<sup>2</sup>.</p> <p>Vision panels in corridor walls or doors shall be fixed window assemblies in approved frames. (In fully sprinklered smoke compartments, there are no restrictions in the area and fire resistance of glass and frames.)</p> <p>18.3.6.5.1, 19.3.6.5.2, 8.3</p>				
K371	<p><b>Subdivision of Building Spaces – Smoke Compartments</b></p> <p>2012 EXISTING</p> <p>Smoke barriers shall be provided to form at least two smoke compartments on every sleeping floor with a 30 or more patient bed capacity. Size of compartments cannot exceed 22,500 square feet or a 200-foot travel distance from any point in the compartment to a door in the smoke barrier.</p> <p>19.3.7.1, 19.3.7.2</p> <p><i>Detail in REMARKS zone dimensions including length of zones and dead-end corridors.</i></p> <p>2012 NEW</p> <p>Smoke barriers shall be provided to form at least two smoke compartments on every floor used by inpatients for sleeping or treatment, and on every floor with an occupant load of 50 or more persons, regardless of use.</p> <p>Size of compartments cannot exceed 22,500 square feet or a 200-foot travel distance from any point in the compartment to a door in the smoke barrier.</p> <p>Smoke subdivision requirements do not apply to any of the stories or areas described in 18.3.7.2.</p> <p>18.3.7.1, 18.3.7.2</p> <p><i>Detail in REMARKS zone dimensions including length of zones and dead-end corridors.</i></p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS
K372	<p><b>Subdivision of Building Spaces – Smoke Barrier Construction</b> 2012 EXISTING</p> <p>Smoke barriers shall be constructed to a ½ hour fire resistance rating per 8.5. Smoke barriers shall be permitted to terminate at an atrium wall. Smoke dampers are not required in duct penetrations in fully ducted HVAC systems where an approved sprinkler system is installed for smoke compartments adjacent to the smoke barrier.</p> <p>19.3.7.3, 8.6.7.1(1)</p> <p><i>Describe any mechanical smoke control system in REMARKS.</i></p>				
	<p>2012 NEW</p> <p>Smoke barriers shall be constructed to provide at least a 1-hour fire resistance rating and constructed in accordance with 8.5. Smoke barriers shall be permitted to terminate at an atrium wall. Smoke dampers are not required in duct penetrations of fully ducted HVAC systems.</p> <p>18.3.7.3, 18.3.7.4, 18.3.7.5, 8.3</p> <p><i>Describe any mechanical smoke control system in REMARKS.</i></p>				
K373	<p><b>Subdivision of Building Spaces – Accumulation Space</b></p> <p>Space shall be provided on each side of smoke barriers to adequately accommodate the total number of occupants in adjoining compartments.</p> <p>18.3.7.5.1, 18.3.7.5.2, 19.3.7.5.1, 19.3.7.5.2</p>				
K374	<p><b>Subdivision of Building Spaces – Smoke Barrier Doors</b> 2012 EXISTING</p> <p>Doors in smoke barriers are 1¾-inch thick solid bonded wood-core doors or of construction that resists fire for 20 minutes. Nonrated protective plates of unlimited height are permitted. Doors are permitted to have fixed fire window assemblies per 8.5. Doors are self-closing or automatic-closing, do not require latching, and are not required to swing in the direction of egress travel. Door opening provides a minimum clear width of 32 in for swinging or horizontal doors.</p> <p>19.3.7.6, 19.3.7.8, 19.3.7.9</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K374	<p>2012 NEW</p> <p>Doors in smoke barriers have at least a 20-minute fire protection rating or are at least 1¾-inch thick solid bonded core wood.</p> <p>Required clear widths are provided per 18.3.7.6(4) and (5).</p> <p>Nonrated protective plates of unlimited height are permitted. Horizontal-sliding doors comply with 7.2.1.14. Swinging doors shall be arranged so that each door swings in an opposite direction.</p> <p>Doors shall be self-closing and rabbets, bevels, or astragals are required at the meeting edges. Positive latching is not required.</p> <p>18.3.7.6, 18.3.7.7, 18.3.7.8</p>				
K379	<p><b>Smoke Barrier Door Glazing</b></p> <p>2012 EXISTING</p> <p>Openings in smoke barrier doors shall be fire-rated glazing or wired glass panels in steel frames.</p> <p>19.3.7.6, 19.3.7.6.2, 8.5</p>				
	<p>2012 NEW</p> <p>Windows in smoke barrier doors shall be installed in each cross corridor swinging or horizontal-sliding door protected by fire-rated glazing or by wired glass panels in approved frames.</p> <p>18.3.7.9</p>				
K381	<p><b>Sleeping Room Outside Windows and Doors</b></p> <p>Every patient sleeping room has an outside window or outside door. In new occupancies, sill height does not exceed 36 inches above the floor. Windows in atrium walls are considered outside windows. Newborn nurseries and rooms intended for occupancy less than 24 hours have no outside window or door requirements. Window sills in special nursing care areas (e.g., ICU, CCU, hemodialysis, neonatal) do not exceed 60 inches above the floor.</p> <p>42 CFR 403, 418, 460, 482, 483, and 485</p>				
	<b>SECTION 4 – SPECIAL PROVISIONS</b>				
K400	<p><b>Special Provisions – Other</b></p> <p>List in the REMARKS section any LSC Section 18.4 and 19.4 Special Provisions requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K421	<b>High-Rise Buildings</b> 2012 EXISTING High-rise buildings are protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7 within 12 years of LSC final rule effective date. 19.4.2				
	2012 NEW High-rise buildings comply with section 11.8. 18.4.2				
<b>SECTION 5 – BUILDING SERVICES</b>					
K500	<b>Building Services – Other</b> List in the REMARKS section any LSC Section 18.5 and 19.5 Building Services requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.				
K511	<b>Utilities – Gas and Electric</b> Equipment using gas or related gas piping complies with NFPA 54, <i>National Fuel Gas Code</i> , electrical wiring and equipment complies with NFPA 70, <i>National Electric Code</i> . Existing installations can continue in service provided no hazard to life. 18.5.1.1, 19.5.1.1, 9.1.1, 9.1.2				
K521	<b>HVAC</b> Heating, ventilation, and air conditioning shall comply with 9.2 and shall be installed in accordance with the manufacturer's specifications. 18.5.2.1, 19.5.2.1, 9.2				
K522	<b>HVAC – Any Heating Device</b> Any heating device, other than a central heating plant, is designed and installed so combustible materials cannot be ignited by device, and has a safety feature to stop fuel and shut down equipment if there is excessive temperature or ignition failure. If fuel fired, the device also: <ul style="list-style-type: none"> <li>• is chimney or vent connected.</li> <li>• takes air for combustion from outside.</li> <li>• provides for a combustion system separate from occupied area atmosphere.</li> </ul> 18.5.2.2, 19.5.2.2				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K523	<p><b>HVAC – Suspended Unit Heaters</b></p> <p>Suspended unit heaters are permitted provided the following are met:</p> <ul style="list-style-type: none"> <li>• Not located in means of egress or in patient rooms.</li> <li>• Located high enough to be out of reach of people in the area.</li> <li>• Has a safety feature to stop fuel and shut down equipment if there is excessive temperature or ignition failure.</li> </ul> <p>18.5.2.3(1), 19.5.2.3(1)</p>				
K524	<p><b>HVAC – Direct-Vent Gas Fireplaces</b></p> <p>Direct-vent gas fireplaces, as defined in NFPA 54, inside of all smoke compartments containing patient sleeping areas comply with the requirements of 18.5.2.3(2), 19.5.2.3(2).</p> <p>18.5.2.3(2), 19.5.2.3(2), NFPA 54</p>				
K525	<p><b>HVAC – Solid Fuel-Burning Fireplaces</b></p> <p>Solid fuel-burning fireplaces are permitted in other than patient sleeping areas provided:</p> <ul style="list-style-type: none"> <li>• Areas are separated by 1-hour fire resistance construction.</li> <li>• Fireplace complies with 9.2.2.</li> <li>• Fireplace enclosure resists breakage up to 650°F and has heat-tempered glass.</li> <li>• Room has supervised CO detection per 9.8.</li> </ul> <p>18.5.2.3(3) and 19.5.2.3(3)</p>				
K531	<p><b>Elevators</b></p> <p>2012 EXISTING</p> <p>Elevators comply with the provision of 9.4. Elevators are inspected and tested as specified in ASME A17.1, <i>Safety Code for Elevators and Escalators</i>. Firefighter’s Service is operated monthly with a written record. Existing elevators conform to ASME/ANSI A17.3, <i>Safety Code for Existing Elevators and Escalators</i>. All existing elevators, having a travel distance of 25 feet or more above or below the level that best serves the needs of emergency personnel for firefighting purposes, conform with Firefighter’s Service Requirements of ASME/ANSI A17.3. (Includes firefighter’s service Phase I key recall and smoke detector automatic recall, firefighter’s service Phase II emergency in-car key operation, machine room smoke detectors, and elevator lobby smoke detectors.)</p> <p>19.5.3, 9.4.2, 9.4.3</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K531	<p>2012 NEW</p> <p>Elevators comply with the provision of 9.4. Elevators are inspected and tested as specified in ASME A17.1, <i>Safety Code for Elevators and Escalators</i>. Firefighter's Service is operated monthly with a written record. New elevators conform to ASME/ANSI A17.1, <i>Safety Code for Elevators and Escalators</i>, including Firefighter's Service Requirements. (Includes firefighter's Phase I key recall and smoke detector automatic recall, firefighter's service Phase II emergency in-car key operation, machine room smoke detectors, and elevator lobby smoke detectors.)</p> <p>18.5.3, 9.4.2, 9.4.3</p>				
K532	<p><b>Escalators, Dumbwaiters, and Moving Walks</b></p> <p>2012 EXISTING</p> <p>Escalators, dumbwaiters, and moving walks comply with the provisions of 9.4.</p> <p>All existing escalators, dumbwaiters, and moving walks conform to the requirements of ASME/ANSI A17.3, <i>Safety Code for Existing Elevators and Escalators</i>.</p> <p>(Includes escalator emergency stop buttons and automatic skirt obstruction stop. For power dumbwaiters, includes hoistway door locking to keep doors closed except for floor where car is being loaded or unloaded.)</p> <p>19.5.3, 9.4.2.2</p>				
	<p>2012 NEW</p> <p>Escalators, dumbwaiters, and moving walks comply with the provisions of 9.4.</p> <p>18.5.3, 9.4.2.2</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K541	<p><b>Rubbish Chutes, Incinerators, and Laundry Chutes</b></p> <p>2012 EXISTING</p> <p>(1) Any existing linen and trash chute, including pneumatic rubbish and linen systems, that opens directly onto any corridor shall be sealed by fire resistive construction to prevent further use or shall be provided with a fire door assembly having a fire protection rating of 1-hour. All new chutes shall comply with 9.5.</p> <p>(2) Any rubbish chute or linen chute, including pneumatic rubbish and linen systems, shall be provided with automatic extinguishing protection in accordance with 9.7.</p> <p>(3) Any trash chute shall discharge into a trash collection room used for no other purpose and protected in accordance with 8.4. (Existing laundry chutes permitted to discharge into same room are protected by automatic sprinklers in accordance with 19.3.5.9 or 19.3.5.7.)</p> <p>(4) Existing fuel-fed incinerators shall be sealed by fire resistive construction to prevent further use.</p> <p>19.5.4, 9.5, 8.4, NFPA 82</p>				
	<p>2012 NEW</p> <p>Rubbish chutes, incinerators, and laundry chutes shall comply with the provisions of Section 9.5, unless otherwise specified in 18.5.4.2.</p> <ul style="list-style-type: none"> <li>• The fire resistance rating of chute charging room shall not be required to exceed 1-hour.</li> <li>• Any rubbish chute or linen chute shall be provided with automatic extinguishing protection in accordance with Section 9.7.</li> <li>• Chutes shall discharge into a trash collection room used for no other purpose and shall be protected in accordance with 8.7.</li> </ul> <p>18.5.4.2, 8.7, 9.5, 9.7, NFPA 82</p>				
<b>SECTION 6 – RESERVED</b>					
<b>SECTION 7 – OPERATING FEATURES</b>					
K700	<p><b>Operating Features – Other</b></p> <p>List in the REMARKS section any LSC Section 18.7 and 19.7 Operating Features requirements that are not addressed by the provided K-tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included in Form CMS-2567.</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K711	<p><b>Evacuation and Relocation Plan</b></p> <p>There is a written plan for the protection of all patients and for their evacuation in the event of an emergency.</p> <p>Employees are periodically instructed and kept informed with their duties under the plan, and a copy of the plan is readily available with telephone operator or with security. The plan addresses the basic response required of staff per 18/19.7.2.1.2 and provides for all of the fire safety plan components per 18/19.7.2.2.</p> <p>18.7.1.1 through 18.7.1.3, 18.7.2.1.2, 18.7.2.2, 18.7.2.3, 19.7.1.1 through 19.7.1.3, 19.7.2.1.2, 19.7.2.2, 19.7.2.3</p>				
K712	<p><b>Fire Drills</b></p> <p>Fire drills include the transmission of a fire alarm signal and simulation of emergency fire conditions. Fire drills are held at expected and unexpected times under varying conditions, at least quarterly on each shift. The staff is familiar with procedures and is aware that drills are part of established routine. Where drills are conducted between 9:00 PM and 6:00 AM, a coded announcement may be used instead of audible alarms.</p> <p>18.7.1.4 through 18.7.1.7, 19.7.1.4 through 19.7.1.7</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K741	<p><b>Smoking Regulations</b></p> <p>Smoking regulations shall be adopted and shall include not less than the following provisions:</p> <ol style="list-style-type: none"> <li>(1) Smoking shall be prohibited in any room, ward, or compartment where flammable liquids, combustible gases, or oxygen is used or stored and in any other hazardous location, and such area shall be posted with signs that read NO SMOKING or shall be posted with the international symbol for no smoking.</li> <li>(2) In health care occupancies where smoking is prohibited and signs are prominently placed at all major entrances, secondary signs with language that prohibits smoking shall not be required.</li> <li>(3) Smoking by patients classified as not responsible shall be prohibited.</li> <li>(4) The requirement of 18.7.4(3) shall not apply where the patient is under direct supervision.</li> <li>(5) Ashtrays of noncombustible material and safe design shall be provided in all areas where smoking is permitted.</li> <li>(6) Metal containers with self-closing cover devices into which ashtrays can be emptied shall be readily available to all areas where smoking is permitted.</li> </ol> <p>18.7.4, 19.7.4</p>				
K751	<p><b>Draperies, Curtains, and Loosely Hanging Fabrics</b></p> <p>Draperies, curtains including cubicle curtains and loosely hanging fabric or films shall be in accordance with 10.3.1. Excluding curtains and draperies: at showers and baths; on windows in patient sleeping room located in sprinklered compartments; and in non-patient sleeping rooms in sprinklered compartments where individual drapery or curtain panels do not exceed 48 square feet or total area does not exceed 20 percent of the wall.</p> <p>18.7.5.1, 18.3.5.11, 19.7.5.1, 19.3.5.11, 10.3.1</p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS
K752	<p><b>Upholstered Furniture and Mattresses</b></p> <p>Newly introduced upholstered furniture meets Class I or char length, and heat release criteria in accordance with 10.3.2.1 and 10.3.3, unless the building is fully sprinklered.</p> <p>Newly introduced mattresses shall meet char length and heat release criteria in accordance with 10.3.2.2 and 10.3.4, unless the building is fully sprinklered.</p> <p>Upholstered furniture and mattresses belonging to nursing home residents do not have to meet these requirements as all nursing homes are required to be fully sprinklered.</p> <p>Newly introduced upholstered furniture and mattresses means purchased on or after the LSC final rule effective date.</p> <p>18.7.5.2, 18.7.5.4, 19.7.5.2, 19.7.5.4</p>				
K753	<p><b>Combustible Decorations</b></p> <p>Combustible decorations shall be prohibited unless one of the following is met:</p> <ul style="list-style-type: none"> <li>• Flame retardant or treated with approved fire-retardant coating that is listed and labeled for product.</li> <li>• Decorations meet NFPA 701.</li> <li>• Decorations exhibit heat release less than 100 kilowatts in accordance with NFPA 289.</li> <li>• Decorations, such as photographs, paintings and other art are attached to the walls, ceilings and non-fire-rated doors in accordance with 18.7.5.6(4) or 19.7.5.6(4).</li> <li>• The decorations in existing occupancies are in such limited quantities that a hazard of fire development or spread is not present.</li> </ul> <p>18.7.5.6, 19.7.5.6</p>				
K761	<p><b>Maintenance, Inspection &amp; Testing - Doors</b></p> <p>Fire doors assemblies are inspected and tested annually in accordance with NFPA 80 <i>Standard for Fire Doors and Other Opening Protectives</i>.</p> <p>Fire doors that are not located in required fire barriers, including corridor doors to patient rooms and smoke barrier doors, are routinely inspected as part of the facility maintenance program.</p> <p>Individuals performing the door inspection and testing have an understanding of the operating components of the doors. Written records of inspection and testing are maintained and are available for review.</p> <p>18.7.6, 19.7.6, 8.3.3.1 (LSC), 5.2, 5.2.3 (NFPA 80)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K754	<p><b>Soiled Linen and Trash Containers</b></p> <p>Soiled linen or trash collection receptacles shall not exceed 32 gallons in capacity. The average density of container capacity in a room or space shall not exceed 0.5 gallons/square feet. A total container capacity of 32 gallons shall not be exceeded within any 64 square feet area. Mobile soiled linen or trash collection receptacles with capacities greater than 32 gallons shall be located in a room protected as a hazardous area when not attended.</p> <p>Containers used solely for recycling are permitted to be excluded from the above requirements where each container is ≤ 96 gal. unless attended, and containers for combustibles are labeled and listed as meeting FM Approval Standard 6921 or equivalent.</p> <p>18.7.5.7, 19.7.5.7</p>				
K771	<p><b>Engineer Smoke Control Systems</b></p> <p>2012 EXISTING</p> <p>When installed, engineered smoke control systems are tested in accordance with established engineering principles. Test documentation is maintained on the premises.</p> <p>19.7.7</p>				
	<p>2012 NEW</p> <p>When installed, engineered smoke control systems are tested in accordance with NFPA 92, <i>Standard for Smoke Control Systems</i>. Test documentation is maintained on the premises.</p> <p>18.7.7</p>				
K781	<p><b>Portable Space Heaters</b></p> <p>Portable space heating devices shall be prohibited in all health care occupancies. Unless used in nonsleeping staff and employee areas where the heating elements do not exceed 212 degrees Fahrenheit (100 degrees Celsius).</p> <p>18.7.8, 19.7.8</p>				
K791	<p><b>Construction, Repair, and Improvement Operations</b></p> <p>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.</p> <p>18.7.9, 19.7.9, 4.6.10, 7.1.10.1</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
<b>PART II – HEALTH CARE FACILITIES CODE REQUIREMENTS</b>					
K900	<b>Health Care Facilities Code - Other</b> List in the REMARKS section any NFPA 99 requirements (excluding Chapter 7, 8, 12, and 13) that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Health Care Facilities Code or NFPA standard citation, should be included on Form CMS-2567.				
K901	<b>Fundamentals – Building System Categories</b> Building systems are designed to meet Category 1 through 4 requirements as detailed in NFPA 99. Categories are determined by a formal and documented risk assessment procedure performed by qualified personnel. Chapter 4 (NFPA 99)				
K902	<b>Gas and Vacuum Piped Systems – Other</b> List in the REMARKS section any NFPA 99 Chapter 5 Gas and Vacuum Systems requirements that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567. Chapter 5 (NFPA 99)				
K903	<b>Gas and Vacuum Piped Systems – Categories</b> Medical gas, medical air, surgical vacuum, WAGD, and air supply systems are designated: <input type="checkbox"/> Category 1. Systems in which failure is likely to cause major injury or death. <input type="checkbox"/> Category 2. Systems in which failure is likely to cause minor injury. <input type="checkbox"/> Category 3. Systems in which failure is not likely to cause injury, but can cause discomfort. Deep sedation and general anesthesia are not to be administered using a Category 3 medical gas system. 5.1.1.1, 5.2.1, 5.3.1.1, 5.3.1.5 (NFPA 99)				
K904	<b>Gas and Vacuum Piped Systems – Warning Systems</b> All master, area, and local alarm systems used for medical gas and vacuum systems comply with appropriate Category warning system requirements, as applicable. 5.1.9, 5.2.9, 5.3.6.2.2 (NFPA 99)				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K905	<p><b>Gas and Vacuum Piped Systems – Central Supply System Identification and Labeling</b></p> <p>Containers, cylinders and tanks are designed, fabricated, tested, and marked in accordance with 5.1.3.1.1 through 5.1.3.1.7. Locations containing only oxygen or medical air have doors labeled with "Medical Gases, NO Smoking or Open Flame". Locations containing other gases have doors labeled "Positive Pressure Gases, NO Smoking or Open Flame, Room May Have Insufficient Oxygen, Open Door and Allow Room to Ventilate Before Opening."</p> <p>5.1.3.1, 5.2.3.1, 5.3.10 (NFPA 99)</p>				
K906	<p><b>Gas and Vacuum Piped Systems – Central Supply System Operations</b></p> <p>Adaptors or conversion fittings are prohibited. Cylinders are handled in accordance with 11.6.2. Only cylinders, reusable shipping containers, and their accessories are stored in rooms containing central supply systems or cylinders. No flammable materials are stored with cylinders. Cryogenic liquid storage units intended to supply the facility are not used to transfill. Cylinders are kept away from sources of heat. Valve protection caps are secured in place, if supplied, unless cylinder is in use. Cylinders are not stored in tightly closed spaces. Cylinders in use and storage are prevented from exceeding 130°F, and nitrous oxide and carbon dioxide cylinders are prevented from reaching temperatures lower than manufacture recommendations or 20°F. Full or empty cylinders, when not connected, are stored in locations complying with 5.1.3.3.2 through 5.1.3.3.3, and are not stored in enclosures containing motor-driven machinery, unless for instrument air reserve headers.</p> <p>5.1.3.2, 5.1.3.3.17, 5.1.3.3.1.8, 5.1.3.3.4, 5.2.3.2, 5.2.3.3, 5.3.6.20.4, 5.6.20.5, 5.3.6.20.7, 5.3.6.20.8, 5.3.6.20.9 (NFPA 99)</p>				
K907	<p><b>Gas and Vacuum Piped Systems – Maintenance Program</b></p> <p>Medical gas, vacuum, WAGD, or support gas systems have documented maintenance programs. The program includes an inventory of all source systems, control valves, alarms, manufactured assemblies, and outlets. Inspection and maintenance schedules are established through risk assessment considering manufacturer recommendations. Inspection procedures and testing methods are established through risk assessment. Persons maintaining systems are qualified as demonstrated by training and certification or credentialing to the requirements of AASE 6030 or 6040.</p> <p>5.1.14.2.1, 5.1.14.2.2, 5.1.15, 5.2.14, 5.3.13.4.2 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K908	<p><b>Gas and Vacuum Piped Systems – Inspection and Testing Operations</b></p> <p>The gas and vacuum systems are inspected and tested as part of a maintenance program and include the required elements. Records of the inspections and testing are maintained as required.</p> <p>5.1.14.2.3, B.5.2, 5.2.13, 5.3.13, 5.3.13.4 (NFPA 99)</p>				
K909	<p><b>Gas and Vacuum Piped Systems – Information and Warning Signs</b></p> <p>Piping is labeled by stencil or adhesive markers identifying the gas or vacuum system, including the name of system or chemical symbol, color code (Table 5.1.11), and operating pressure if other than standard. Labels are at intervals not more than 20 feet, are in every room, at both sides of wall penetrations, and on every story traversed by riser. Piping is not painted. Shutoff valves are identified with the name or chemical symbol of the gas or vacuum system, room or area served, and caution to not use the valve except in emergency.</p> <p>5.1.14.3, 5.1.11.1, 5.1.11.2, 5.2.11, 5.3.13.3, 5.3.11 (NFPA 99)</p>				
K910	<p><b>Gas and Vacuum Piped Systems – Modifications</b></p> <p>Whenever modifications are made that breach the pipeline, any necessary installer and verification test specified in 5.1.2 is conducted on the downstream portion of the medical gas piping system. Permanent records of all tests required by system verification tests are maintained.</p> <p>5.1.14.4.1, 5.1.14.4.6, 5.2.13, 5.3.13.4.3 (NFPA 99)</p>				
K911	<p><b>Electrical Systems – Other</b></p> <p>List in the REMARKS section any NFPA 99 Chapter 6 Electrical Systems requirements that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p> <p>Chapter 6 (NFPA 99)</p>				
K912	<p><b>Electrical Systems – Receptacles</b></p> <p>Power receptacles have at least one, separate, highly dependable grounding pole capable of maintaining low-contact resistance with its mating plug. In pediatric locations, receptacles in patient rooms, bathrooms, play rooms, and activity rooms, other than nurseries, are listed tamper-resistant or employ a listed cover.</p> <p>If used in patient care room, ground-fault circuit interrupters (GFCI) are listed.</p> <p>6.3.2.2.6.2 (F), 6.3.2.2.4.2 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K913	<p><b>Electrical Systems – Wet Procedure Locations</b></p> <p>Operating rooms are considered wet procedure locations, unless otherwise determined by a risk assessment conducted by the facility governing body. Operating rooms defined as wet locations are protected by either isolated power or ground-fault circuit interrupters. A written record of the risk assessment is maintained and available for inspection.</p> <p>6.3.2.2.8.4, 6.3.2.2.8.7, 6.4.4.2</p>				
K914	<p><b>Electrical Systems – Maintenance and Testing</b></p> <p>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. 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. Records are maintained of required tests and associated repairs or modifications, containing date, room or area tested, and results.</p> <p>6.3.4 (NFPA 99)</p>				
K915	<p><b>Electrical Systems – Essential Electric System Categories</b></p> <p><input type="checkbox"/> Critical care rooms (Category 1) in which electrical system failure is likely to cause major injury or death of patients, including all rooms where electric life support equipment is required, are served by a Type 1 EES.</p> <p><input type="checkbox"/> General care rooms (Category 2) in which electrical system failure is likely to cause minor injury to patients (Category 2) are served by a Type 1 or Type 2 EES.</p> <p><input type="checkbox"/> Basic care rooms (Category 3) in which electrical system failure is not likely to cause injury to patients and rooms other than patient care rooms are not required to be served by an EES. Type 3 EES life safety branch has an alternate source of power that will be effective for 1 1/2 hours.</p> <p>3.3.138, 6.3.2.2.10, 6.6.2.2.2, 6.6.3.1.1 (NFPA 99), TIA 12-3</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K916	<p><b>Electrical Systems – Essential Electric System Alarm Annunciator</b></p> <p>A remote annunciator that is storage battery powered is provided to operate outside of the generating room in a location readily observed by operating personnel. The annunciator is hard-wired to indicate alarm conditions of the emergency power source. A centralized computer system (e.g., building information system) is not to be substituted for the alarm annunciator.</p> <p>6.4.1.1.17, 6.4.1.1.17.5 (NFPA 99)</p>				
K917	<p><b>Electrical Systems – Essential Electric System Receptacles</b></p> <p>Electrical receptacles or cover plates supplied from the life safety and critical branches have a distinctive color or marking.</p> <p>6.4.2.2.6, 6.5.2.2.4.2, 6.6.2.2.3.2 (NFPA 99)</p>				
K918	<p><b>Electrical Systems – Essential Electric System Maintenance and Testing</b></p> <p>The generator or other alternate power source and associated equipment is capable of supplying service within 10 seconds. If the 10-second criterion is not met during the monthly test, a process shall be provided to annually confirm this capability for the life safety and critical branches. Maintenance and testing of the generator and transfer switches are performed in accordance with NFPA 110.</p> <p>Generator sets are inspected weekly, exercised under load 30 minutes 12 times a year in 20-40 day intervals, and exercised once every 36 months for 4 continuous hours. Scheduled test under load conditions include a complete simulated cold start and automatic or manual transfer of all EES loads, and are conducted by competent personnel. Maintenance and testing of stored energy power sources (Type 3 EES) are in accordance with NFPA 111. Main and feeder circuit breakers are inspected annually, and a program for periodically exercising the components is established according to manufacturer requirements. Written records of maintenance and testing are maintained and readily available. EES electrical panels and circuits are marked, readily identifiable, and separate from normal power circuits. Minimizing the possibility of damage of the emergency power source is a design consideration for new installations.</p> <p>6.4.4, 6.5.4, 6.6.4 (NFPA 99), NFPA 110, NFPA 111, 700.10 (NFPA 70)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K919	<p><b>Electrical Equipment – Other</b></p> <p>List in the REMARKS section any NFPA 99 Chapter 10, <i>Electrical Equipment</i>, requirements that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567. Chapter 10 (NFPA 99)</p>				
K920	<p><b>Electrical Equipment – Power Cords and Extension Cords</b></p> <p>Power strips in a patient care vicinity are only used for components of movable patient-care-related electrical equipment (PCREE) assemblies that have been assembled by qualified personnel and meet the conditions of 10.2.3.6. Power strips in the patient care vicinity may not be used for non-PCREE (e.g., personal electronics), except in long-term care resident rooms that do not use PCREE. Power strips for PCREE meet UL 1363A or UL 60601-1. Power strips for non-PCREE in the patient care rooms (outside of vicinity) meet UL 1363. In non-patient care rooms, power strips meet other UL standards. All power strips are used with general precautions. Extension cords are not used as a substitute for fixed wiring of a structure. Extension cords used temporarily are removed immediately upon completion of the purpose for which it was installed and meets the conditions of 10.2.4.</p> <p>10.2.3.6 (NFPA 99), 10.2.4 (NFPA 99), 400-8 (NFPA 70), 590.3(D) (NFPA 70), TIA 12-5</p>				



ID PREFIX		MET	NOT MET	N/A	REMARKS
K921	<p><b>Electrical Equipment – Testing and Maintenance Requirements</b></p> <p>The physical integrity, resistance, leakage current, and touch current tests for fixed and portable patient-care related electrical equipment (PCREE) is performed as required in 10.3. Testing intervals are established with policies and protocols. All PCREE used in patient care rooms is tested in accordance with 10.3.5.4 or 10.3.6 before being put into service and after any repair or modification. Any system consisting of several electrical appliances demonstrates compliance with NFPA 99 as a complete system. Service manuals, instructions, and procedures provided by the manufacturer include information as required by 10.5.3.1.1 and are considered in the development of a program for electrical equipment maintenance. Electrical equipment instructions and maintenance manuals are readily available, and safety labels and condensed operating instructions on the appliance are legible. A record of electrical equipment tests, repairs, and modifications is maintained for a period of time to demonstrate compliance in accordance with the facility's policy. Personnel responsible for the testing, maintenance and use of electrical appliances receive continuing training.</p> <p>10.3, 10.5.2.1, 10.5.2.1.2, 10.5.2.5, 10.5.3, 10.5.6, 10.5.8</p>				
K922	<p><b>Gas Equipment – Other</b></p> <p>List in the REMARKS section any NFPA 99 Chapter 11 Gas Equipment requirements that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p> <p>Chapter 11 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K923	<p><b>Gas Equipment – Cylinder and Container Storage</b></p> <p><b>≥ 3,000 cubic feet</b> Storage locations are designed, constructed, and ventilated in accordance with 5.1.3.3.2 and 5.1.3.3.3.</p> <p><b>&gt; 300 but &lt;3,000 cubic feet</b> Storage locations are outdoors in an enclosure or within an enclosed interior space of non- or limited- combustible construction, with door (or gates outdoors) that can be secured. Oxidizing gases are not stored with flammables, and are separated from combustibles by 20 feet (5 feet if sprinklered) or enclosed in a cabinet of noncombustible construction having a minimum 1/2 hr. fire protection rating.</p> <p><b>≤ 300 cubic feet</b> In a single smoke compartment, individual cylinders available for immediate use in patient care areas with an aggregate volume of ≤ 300 cubic feet are not required to be stored in an enclosure. Cylinders must be handled with precautions as specified in 11.6.2.</p> <p>A precautionary sign readable from 5 feet is on each door or gate of a cylinder storage room, where the sign includes the wording as a minimum "CAUTION: OXIDIZING GAS(ES) STORED WITHIN NO SMOKING".</p> <p>Storage is planned so cylinders are used in order of which they are received from the supplier. Empty cylinders are segregated from full cylinders. When facility employs cylinders with integral pressure gauge, a threshold pressure considered empty is established. Empty cylinders are marked to avoid confusion. Cylinders stored in the open are protected from weather.</p> <p>11.3.1, 11.3.2, 11.3.3, 11.3.4, 11.6.5 (NFPA 99)</p>				
K924	<p><b>Gas Equipment – Testing and Maintenance Requirements</b></p> <p>Anesthesia apparatus are tested at the final path to patient after any adjustment, modification or repair. Before the apparatus is returned to service, each connection is checked to verify proper gas and an oxygen analyzer is used to verify oxygen concentration. Defective equipment is immediately removed from service. Areas designated for servicing of oxygen equipment are clean and free of oil, grease, or other flammables. Manufacturer service manuals are used to maintain equipment and a scheduled maintenance program is followed.</p> <p>11.4.1.3, 11.5.1.3, 11.6.2.5, 11.6.2.6 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K925	<p><b>Gas Equipment – Respiratory Therapy Sources of Ignition</b></p> <p>Smoking materials are removed from patients receiving respiratory therapy. When a nasal cannula is delivering oxygen outside of a patient's room, no sources of ignition are within in the site of intentional expulsion (1-foot). When other oxygen deliver equipment is used or oxygen is delivered inside a patient's room, no sources of ignition are within the area are of administration (15-feet). Solid fuel-burning appliances is not in the area of administration. Nonmedical appliances with hot surfaces or sparking mechanisms are not within oxygen-delivery equipment or site of intentional expulsion.</p> <p>11.5.1.1, TIA 12-6 (NFPA 99)</p>				
K926	<p><b>Gas Equipment – Qualifications and Training of Personnel</b></p> <p>Personnel concerned with the application, maintenance and handling of medical gases and cylinders are trained on the risk. Facilities provide continuing education, including safety guidelines and usage requirements. Equipment is serviced only by personnel trained in the maintenance and operation of equipment.</p> <p>11.5.2.1 (NFPA 99)</p>				
K927	<p><b>Gas Equipment – Transfilling Cylinders</b></p> <p>Transfilling of oxygen from one cylinder to another is in accordance with CGA P-2.5, <i>Transfilling of High Pressure Gaseous Oxygen Used for Respiration</i>. Transfilling of any gas from one cylinder to another is prohibited in patient care rooms. Transfilling to liquid oxygen containers or to portable containers over 50 psi comply with conditions under 11.5.2.3.1 (NFPA 99). Transfilling to liquid oxygen containers or to portable containers under 50 psi comply with conditions under 11.5.2.3.2 (NFPA 99).</p> <p>11.5.2.2 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K928	<p><b>Gas Equipment – Labeling Equipment and Cylinders</b></p> <p>Equipment listed for use in oxygen-enriched atmospheres are so labeled. Oxygen metering equipment and pressure reducing regulators are labeled "OXYGEN-USE NO OIL". Flowmeters, pressure reducing regulators, and oxygen-dispensing apparatus are clearly and permanently labeled designating the gases for which they are intended. Oxygen-metering equipment, pressure reducing regulators, humidifiers, and nebulizers are labeled with name of manufacturer or supplier. Cylinders and containers are labeled in accordance with CGA C-7. Color coding is not utilized as the primary method of determining cylinder or container contents. All labeling is durable and withstands cleaning or disinfecting.</p> <p>11.5.3.1 (NFPA 99)</p>				
K929	<p><b>Gas Equipment – Precautions for Handling Oxygen Cylinders and Manifolds</b></p> <p>Handling of oxygen cylinders and manifolds is based on CGA G-4, Oxygen. Oxygen cylinders, containers, and associated equipment are protected from contact with oil and grease, from contamination, protected from damage, and handled with care in accordance with precautions provided under 11.6.2.1 through 11.6.2.4 (NFPA 99).</p> <p>11.6.2 (NFPA 99)</p>				
K930	<p><b>Gas Equipment – Liquid Oxygen Equipment</b></p> <p>The storage and use of liquid oxygen in base reservoir containers and portable containers comply with sections 11.7.2 through 11.7.4 (NFPA 99).</p> <p>11.7 (NFPA 99)</p>				
K931	<p><b>Hyperbaric Facilities</b></p> <p>All occupancies containing hyperbaric facilities comply with construction, equipment, administration, and maintenance requirements of NFPA 99. Chapter 14 (NFPA 99)</p>				
K932	<p><b>Features of Fire Protection – Other</b></p> <p>List in the REMARKS section any NFPA 99 Chapter 15 Features of Fire Protection requirements that are not addressed by the provided K-Tags, but are deficient. This information, along with the applicable Life Safety Code or NFPA standard citation, should be included on Form CMS-2567.</p> <p>Chapter 15 (NFPA 99)</p>				

ID PREFIX		MET	NOT MET	N/A	REMARKS
K933	<p><b>Features of Fire Protection – Fire Loss Prevention in Operating Rooms</b></p> <p>Periodic evaluations are made of hazards that could be encountered during surgical procedures, and fire prevention procedures are established. When flammable germicides or antiseptics are employed during surgeries utilizing electrosurgery, cautery or lasers:</p> <ul style="list-style-type: none"> <li>• packaging is non-flammable.</li> <li>• applicators are in unit doses.</li> <li>• Preoperative "time-out" is conducted prior the initiation of any surgical procedure to verify:                             <ul style="list-style-type: none"> <li>○ application site is dry prior to draping and use of surgical equipment.</li> <li>○ pooling of solution has not occurred or has been corrected.</li> <li>○ solution-soaked materials have been removed from the OR prior to draping and use of surgical devices.</li> <li>○ policies and procedures are established outlining safety precautions related to the use of flammable germicide or antiseptic use.</li> </ul> </li> </ul> <p>Procedures are established for operating room emergencies including alarm activation, evacuation, equipment shutdown, and control operations. Emergency procedures include the control of chemical spills, and extinguishment of drapery, clothing and equipment fires. Training is provided to new OR personnel (including surgeons), continuing education is provided, incidents are reviewed monthly, and procedures are reviewed annually.</p> <p>15.13 (NFPA 99)</p>				

**PART III – RECOMMENDATION FOR WAIVER OF SPECIFIC LIFE SAFETY CODE PROVISIONS**

For each item of the Life Safety Code recommended for waiver, list the survey report form item number and state the reason for the conclusion that: (a) the specific provisions of the code, if rigidly applied, would result in unreasonable hardship on the facility, and (b) the waiver of such unmet provisions will not adversely affect the health and safety of the patients. If additional space is required, attach additional sheet(s).

PROVISION NUMBER(S)	JUSTIFICATION
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K400

Surveyor ( <i>Signature</i> )	Title	Office	Date
Fire Authority Official ( <i>Signature</i> )	Title	Office	Date

**PART IV - FIRE SAFETY SURVEY REPORT  
CRUCIAL DATA EXTRACT  
(TO BE USED WITH CMS 2786 FORMS)**

Provider Number  K1	Facility Name	Survey Date  *K4
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K6 DATE OF PLAN APPROVAL	K3 MULTIPLE CONSTRUCTION TOTAL NUMBER OF BUILDINGS _____ NUMBER OF THIS BUILDING _____	<input type="checkbox"/> A. BUILDING <input type="checkbox"/> B. WING <input type="checkbox"/> C. FLOOR <input type="checkbox"/> D. APARTMENT UNIT
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<p>LSC FORM INDICATOR</p> <table border="1" style="width:100%; border-collapse: collapse; margin-bottom: 10px;"> <tr><th align="center" colspan="3">HEALTH CARE FORM</th></tr> <tr><td style="width:10%;">12</td><td style="width:15%;">2786R</td><td style="width:75%;">2012 EXISTING</td></tr> <tr><td>13</td><td>2786R</td><td>2012 NEW</td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse; margin-bottom: 10px;"> <tr><th align="center" colspan="3">AHCO FORM</th></tr> <tr><td>14</td><td>2786U</td><td>2012 EXISTING</td></tr> <tr><td>15</td><td>2786U</td><td>2012 NEW</td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><th align="center" colspan="3">ICF/IID FORM</th></tr> <tr><td>16</td><td>2786V, W, X</td><td>2012 EXISTING</td></tr> <tr><td>17</td><td>2786V, W, X</td><td>2012 NEW</td></tr> </table> <p>*K7 <input type="checkbox"/> SELECT NUMBER OF FORM USED FROM ABOVE</p>	HEALTH CARE FORM			12	2786R	2012 EXISTING	13	2786R	2012 NEW	AHCO FORM			14	2786U	2012 EXISTING	15	2786U	2012 NEW	ICF/IID FORM			16	2786V, W, X	2012 EXISTING	17	2786V, W, X	2012 NEW	<p>COMPLETE IF ICF/IID IS SURVEYED UNDER CHAPTER 33, EXISTING</p> <p>SMALL (16 BEDS OR LESS)</p> <p>K8 <input type="checkbox"/> 1. PROMPT 2. SLOW 3. IMPRACTICAL</p> <hr/> <p>LARGE</p> <p>K8 <input type="checkbox"/> 4. PROMPT 5. SLOW 6. IMPRACTICAL</p> <hr/> <p>APARTMENT HOUSE</p> <p>K8 <input type="checkbox"/> 7. PROMPT 8. SLOW 9. IMPRACTICAL</p>
HEALTH CARE FORM																												
12	2786R	2012 EXISTING																										
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16	2786V, W, X	2012 EXISTING																										
17	2786V, W, X	2012 NEW																										

<p><i>(Check if K321 or K351 are marked as not applicable in the 2786 M, R, T, U, V, W, X, and Y.)</i></p> <p>K321: <input type="checkbox"/>      K351: <input type="checkbox"/></p>	<p>COMPLETE IF ICF/IID IS SURVEYED UNDER CHAPTER 33, EXISTING</p> <p>ENTER E – SCORE</p> <p>K5: <input type="checkbox"/>      e.g. 2.5</p>
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\*K9 FACILITY MEETS LSC BASED ON *(Check all that Apply)*

A1. <input type="checkbox"/>	A2. <input type="checkbox"/>	A3. <input type="checkbox"/>	A4. <input type="checkbox"/>	A5. <input type="checkbox"/>
(COMP. WITH ALL PROVISIONS)	(ACCEPTABLE POC)	(WAIVERS)	(FSES)	(PERFORMANCE BASED DESIGN)

<p>FACILITY DOES NOT MEET LSC</p> <p style="text-align: center;">B. <input type="checkbox"/></p>	<p>K0180</p> <table style="width:100%;"> <tr> <td style="text-align: center;">A. <input type="checkbox"/></td> <td style="text-align: center;">B. <input type="checkbox"/></td> <td style="text-align: center;">C. <input type="checkbox"/></td> </tr> <tr> <td style="text-align: center;">FULLY SPRINKLERED <small>(All required areas are sprinklered)</small></td> <td style="text-align: center;">PARTIALLY SPRINKLERED <small>(Not all required areas are sprinklered)</small></td> <td style="text-align: center;">NONE <small>(No sprinkler system)</small></td> </tr> </table>	A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input type="checkbox"/>	FULLY SPRINKLERED <small>(All required areas are sprinklered)</small>	PARTIALLY SPRINKLERED <small>(Not all required areas are sprinklered)</small>	NONE <small>(No sprinkler system)</small>
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\*MANDATORY