The following information has been prepared to aid in submitting a Fire Safety Evaluation System (FSES) study as described in NFPA-101A and in the recording of on-site information required to complete the FSES submittal.

The FSES review process will begin with the filing of the FSES Project Application, remitting a minimum non-refundable review fee of $2,000 and scheduling a Preliminary stand-up review of the FSES study. No letter of determination from the Office of Certificate of Need will be required.

The FSES study shall include the zone-by-zone Tables 3-1 through 3-7 of NFPA-101A (1998) for each zone of the entire facility. Each zone shall be analyzed indicating a pass or fail result. If the zone fails, then additional work as required shall be separately indicated.

Table 3-8 is required per facility, not per zone. The attached Mechanical and Electrical Evaluation checklists must be included with the submission of Table 3-8 so that a determination concerning required system renovations may be made.

In addition, a current and accurate Life Safety Plan for the entire facility must be submitted with the FSES worksheets.

It will be necessary to retain the services of a qualified fire safety consultant or architect and engineer to prepare the FSES submittal, survey the facility and certify compliance with the requirements of NFPA-101A.

If the FSES submittal as reviewed and approved indicates that compliance will not require any construction work, a survey of the facility will be scheduled to confirm that the information provided in the FSES submittal is correct and accurate. Once this survey is completed and all information confirmed, the facility will be deemed in substantial compliance with NFPA-101, Chapter 19 (2000), Existing Health Care Facilities.

If the FSES submittal as approved indicates that compliance will require construction work involving a capital outlay, a letter of determination from the Office of Certificate of Need must be obtained prior to submitting the resultant project for review and approval. Further review will be completed as any other construction project reviewed by the Office of Plans and Construction.

After the construction work has been completed, surveyed and approved, the facility will be deemed in compliance with the minimum requirements of NFPA 101, Chapter 19 (2000), "Existing Health Care Occupancies". A notation will be put in the facility file and a copy of the FSES study will be copied to the area office. Remember, any new additions, renovations or modernizations in the facility must be designed and constructed to meet all new rules, codes and standards.
INTRODUCTION

All existing health care facilities are required by state and federal statutes to comply with the minimum standards found in Chapter 19 of NFPA-101 Life Safety Code.

Recognizing that compliance with Chapter 19, 2000 may require significant and costly improvements to the physical plant of the facility, the Fire Safety Evaluation System (FSES) as described in NFPA-101A has been accepted by the Authority Having Jurisdiction as an acceptable and cost effective alternative method of establishing compliance through equivalency.

This system may only be applied to existing facilities and will not be accepted in relation to any new construction projects. All new construction, renovations and modifications to existing facilities must be designed and constructed to meet all codes and standards for new construction even if the facility has been deemed in compliance through NFPA-101A.

It should be understood that this alternative method of establishing compliance will remain in effect in the facility only as long as the Occupancy Risk Parameters do not change and all applicable safety parameters are maintained to meet the requirements of the FSES.

To submit a project for review and approval using NFPA-101A, follow the procedures found in "Information For Project Review, Alternative Approaches to Life Safety".
CERTIFICATION OF FIRE SAFETY COMPLIANCE - The facility has been physically surveyed for compliance with the Fire Safety Evaluation System per the Fire/Smoke Zone evaluation worksheets attached.

________________________________________
Signature of Surveyor

CERTIFICATION OF MECHANICAL COMPLIANCE - The facility has been physically surveyed for compliance with the Fire Safety Evaluation System and Table 3-8 including the Mechanical Evaluation checklist attached.

________________________________________
Signature of Surveyor

CERTIFICATION OF ELECTRICAL COMPLIANCE - The facility has been physically surveyed for compliance with the Fire Safety Evaluation System and Table 3-8 including the Electrical Evaluation checklist attached.

________________________________________
Signature of Surveyor
ALTERNATIVE APPROACHES TO LIFE SAFETY NFPA 101A

MECHANICAL EVALUATION CHECK LIST
(Attach to Table 3-8)

1. FIRE DAMPERS:

   Are provided at duct penetrations of 2 hour fire rated partitions. ☐ Yes ☐ No ☐ NA
   COMMENTS:

   Are provided at transfer openings of fire rated partitions. ☐ Yes ☐ No ☐ NA
   COMMENTS:

   Are provided at duct penetrations of rated shafts. ☐ Yes ☐ No ☐ NA
   COMMENTS:

   Ceiling radiation dampers are provided at all air devices where required. ☐ Yes ☐ No ☐ NA
   COMMENTS:

2. SMOKE DAMPERS:

   Are provided in the following penetrations in buildings that are not fully sprinklered and or in buildings that do not have a fully ducted HVAC system:

   At all smoke barriers. ☐ Yes ☐ No ☐ NA
   COMMENTS:

   At all duct penetrations of rated shafts. ☐ Yes ☐ No ☐ NA
   COMMENTS:

3. SMOKE DAMPERS (in all buildings):

   Are provided in supply and return ducts for units over 15,000 cfm that serve more than one floor. ☐ Yes ☐ No ☐ NA
   COMMENTS:
4. SMOKE DAMPERS CLOSE UPON:

Activation of an automatic alarm initiating device. □ Yes □ No □ NA

COMMENTS:

Manual shutdown of associated fan. □ Yes □ No □ NA

COMMENTS:

5. FUSIBLE LINKS:

Fusible links are properly installed bearing the correct rating. □ Yes □ No □ NA

COMMENTS:

6. RATED SHAFTS:

Rated shafts are provided for ducts that penetrate more than 1 floor. □ Yes □ No □ NA

COMMENTS:

Fire dampers are provided at the floor in lieu of rated shafts if ducts only penetrates 1 floor. □ Yes □ No □ NA

COMMENTS:

Dedicated rated shafts are provided for exhaust ducts required to be installed without fire or fire/smoke dampers (Grease ducts, Fume Hood ducts, ETO Sterilizer ducts, etc.) □ Yes □ No □ NA

COMMENTS:

7. DUCT SMOKE DETECTORS:

Are provided in the supply ducts, downstream of final filters and units over 2000 cfm capacity. □ Yes □ No □ NA

NA

COMMENTS:
Are provided at each story prior to the connection to a common return and prior to any recirculating or fresh air inlet connection in air return systems over 15,000 cfm capacity and serving more than one floor unless the entire space served by the air distribution system is protected by a system of area smoke detectors.  

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
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**COMMENTS:**

Activation causes a supervisory signal to be indicated at a constantly attended location or causes an alarm signal.  

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<th></th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
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**COMMENTS:**

When duct smoke detectors are installed in a building not equipped with an approved protective signaling system:

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<th></th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
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**COMMENTS:**

8. **GREASE DUCT SYSTEMS:**

- The Hood bears a U.L. Label.  
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<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
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</table>

**COMMENTS:**

- The Hood is protected by either a Chemical or Sprinklered system.  
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<th></th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
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**COMMENTS:**

- The Hood fire suppression system automatically shuts off all sources of fuel and heat to equipment requiring protection and provides a signal to a central station fire alarm signaling system.  
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<th></th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
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</table>

**COMMENTS:**

- The Remote Pull Station is located in a readily accessible location and in the path of egress.  
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<th>Yes</th>
<th>No</th>
<th>NA</th>
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</table>

**COMMENTS:**
9. PLENUMS:

The HVAC system uses a plenum as a means of supply, return or exhaust air. □ Yes □ No □ NA

COMMENTS:

The plenum meets all the requirements of NFPA 90. □ Yes □ No □ NA

COMMENTS:

10. GAS FIRED EQUIPMENT:

High-Low combustion air intakes are provided with the High intake located within 12 inches of the finished ceiling and the Low intake located within 12 inches of the finished floor. □ Yes □ No □ NA

COMMENTS:

11. AUTOMATIC SPRINKLERS

The building is equipped with a complete sprinkler system in accordance with NFPA 13. □ Yes □ No □ NA

COMMENTS:

All sprinkler valves are supervised by the fire alarm system. □ Yes □ No □ NA

COMMENTS:

All sprinkler system flow switches are connected to the fire alarm system. □ Yes □ No □ NA

COMMENTS:
ALTERNATIVE APPROACHES TO LIFE SAFETY NFPA-101A

ELECTRICAL EVALUATION CHECK LIST
(Attach to Table 3-8)

1. EMERGENCY MOVEMENT ROUTES:

   Exits are marked by approved signs readily visible from any direction of exit access. □ Yes □ No □ NA
   COMMENTS:

   Exit access is marked by readily visible signs where the exit or way to reach it is not readily discernable to occupants. □ Yes □ No □ NA
   COMMENTS:

   Every exit sign is suitably illuminated internally or externally. □ Yes □ No □ NA
   COMMENTS:

2. FIRE ALARM SYSTEM:

   There is a direct fire department connection. □ Yes □ No □ NA
   COMMENTS:

   There is a 3rd party fire department connection which meets NFPA 72. □ Yes □ No □ NA
   COMMENTS:

   The fire alarm annunciator is located in a 24-hour staffed location. □ Yes □ No □ NA
   COMMENTS:

   Manual pull stations are provided at each required exit. □ Yes □ No □ NA
   COMMENTS:
3. FIRE PUMP:

The fire pump combination controller and transfer switch are located in the fire pump room and are U.L. approved as a combination unit. □ Yes □ No □ NA

COMMENTS:

Critical lighting is provided in the fire pump room. □ Yes □ No □ NA

COMMENTS:

The electrical power for the diesel fire pump controller is connected to the equipment branch. □ Yes □ No □ NA

COMMENTS:

The fire pump transfer switch is automatic where used with an automatic fire pump controller. □ Yes □ No □ NA

COMMENTS:

4. FIRE ALARM TESTING:

The following tests have been performed by the facility, documented and found to be in compliance with applicable codes.

Sensitivity test for all smoke detectors. □ Yes □ No □ NA

COMMENTS:

Pull stations function properly. □ Yes □ No □ NA

COMMENTS:

Audible signals provide a minimum of 15 DB above ambient sound level. □ Yes □ No □ NA

COMMENTS:

The fire department connection functions properly. □ Yes □ No □ NA

COMMENTS:
The fire/smoke zones properly annunciate at the fire alarm panel.  □ Yes □ No □ NA

COMMENTS:

All doors held open by magnetic devices close on fire alarm.  □ Yes □ No □ NA

COMMENTS:

All magnetic locks on exit and egress doors release on fire alarm and power failure.  □ Yes □ No □ NA

COMMENTS:

The fire alarm panel is served by the Life Safety Branch.  □ Yes □ No □ NA

COMMENTS:

The sprinkler flow and tamper switches function properly. □ Yes □ No □ NA

COMMENTS:

All smoke dampers close upon activation of an automatic fire alarm device. □ Yes □ No □ NA

COMMENTS:

5. ESSENTIAL ELECTRICAL SYSTEM TESTING:

The following tests have been performed by the facility, documented and found to be in compliance with the applicable codes.

Exit lights operate properly and are connected to the Life Safety Branch.  □ Yes □ No □ NA

COMMENTS:

Life Safety lighting operates properly in corridors, passageways, stairs, stair landings at exit doors and all approaches to exits including the exterior. □ Yes □ No □ NA

COMMENTS:

The medical gas alarms are on the Life Safety Branch and function properly. □ Yes □ No □ NA
COMMENTS:

The Elevator cab lighting, control, communication and signal systems function properly.  □ Yes □ No □ NA

COMMENTS:

The fire pump functions properly.  □ Yes □ No □ NA

COMMENTS: