

## NFPA 99 Risk Assessment

**Facility Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Administrator:** \_\_\_\_\_

**Names/Titles of Risk Team:** \_\_\_\_\_

**Date Assessment Completed:** \_\_\_\_\_

This risk assessment has been developed to comply with NFPA 99 (2012 Edition) risk-based process. NFPA 99 (2012) requires facilities to be designed to meet system risk categories 1 through 4 as described in the code. Based on a facility's risk assessment being completed the facility would follow the requirements of each chapter. Each chapter is also divided into the four risk categories based on either New or EXISTING and instructs facility of the requirements.

## Risk Assessment Instructions

### NFPA 99 (2012)

Attached are two risk assessment tools 1) Facility Systems and 2) Electrical Equipment and Gas Equipment that may be used to implement the requirements of NFPA 99. Facility Systems Risk Assessment includes determination of risk for the following: 1) Gas and Vacuum Systems (chapter 5), Electrical Systems (chapter 6), and HVAC (chapter 7).

The Electrical Equipment and Gas Equipment Risk Assessment address the risk determination for 1) Electrical Equipment (chapter 10) and 2) Portable Patient Gas Equipment (chapter 11).

The assessments are designed to aide facilities to determine risk as outlined in NFPA 99 and the steps to meet compliance. These risk assessments should be kept for review and updated periodically as facility systems/ equipment change. CMS has established compliance requirements (K Tag) for the risk assessment and its completion. The k tag is below:

K901	Fundamentals – Building System Categories 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)
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Completion of Risk Assessments: Enter the risk category (number 1 through 4) of for each room identified item set (room or equipment) based on the risk categories summarized below and as outline in NFPA 99 Chapter 4. Facilities should assess the risk for equipment for “appliances and equipment used in patient care rooms of health care facilities”.

Facilities need to develop a risk team that is familiar with the requirements of NFPA 99 as well as the facility’s systems including Electrical, HVAC, Medical Gases, resident care, and environmental operations. Risk teams need to also understand the risk categories and how systems/equipment operations effect resident safety. The risk categories are below:

1	Facility systems in which failure of such equipment or systems is likely to cause major injury or death of residents or staff is designated category 1 requirements as defined by the NFPA 99- 2012 edition
2	Facility systems in which failure of such equipment or systems is likely to cause minor injury of residents or staff is designated category 2 requirements as defined by the NFPA 99- 2012 edition
3	Facility systems in which failure of such equipment or systems is not likely to injury of residents or staff but can cause discomfort to residents is designated category 1 requirements as defined by the NFPA 99- 2012 edition
4	Facility systems in which failure of such equipment would have no impact on residents or staff is designated Category 4 as defined by the NFPA 99 - 2012 edition

# NFPA 99 Risk Assessment Facility Systems

Room	Type	Gas/ Vacuum System	Electrical System	HVAC System	Comments
Resident Rooms					
	Rehabilitation				
	Custodial Care				
	Dementia/Alzheimer's				
	Respiratory/Ventilator				
	Wound				
	Behavior/Mental Health				
	Other:				
Therapy					
	Physical Therapy				
	Occupational Therapy				
	Speech Therapy				
	Respiratory Therapy				
	Other:				
Nursing					
	Nursing Stations				
	Medication Room				
	Clean Utility				
	Central Supply				
	Oxygen Storage				
	Soiled Utility/Trash				
	Other:				
Other					
	Offices				
	Kitchen				
	Dining Room(s)				
	Staff Break Room(s)				
	Laundry				
	Lobby/ Lounges				
	Public Rest Rooms				
	Activities				
	Beauty Shop				
	Medical Records				
	Other:				
Maintenance					
	Boiler Room				
	Generator/ Electrical				
	Other:				

### Choose the risk category for each room above.

1	Facility systems in which failure of such equipment or systems is likely to cause major injury or death of residents or staff is designated category 1 requirements as defined by the NFPA 99- 2012 edition
2	Facility systems in which failure of such equipment or systems is likely to cause minor injury of residents or staff is designated category 2 requirements as defined by the NFPA 99- 2012 edition
3	Facility systems in which failure of such equipment or systems is not likely to injury of residents or staff but can cause discomfort to residents is designated category 3 requirements as defined by the NFPA 99- 2012 edition
4	Facility systems in which failure of such equipment would have no impact on residents or staff is designated Category 4 as defined by the NFPA 99 - 2012 edition

# NFPA 99 Risk Assessment Electrical Equipment/Gas Equipment

Facilities should assess the risk for equipment for "appliances and equipment used in patient care rooms of health care facilities".

Equipment	Item#	Risk	Comments
BiPap/Cpap			
Bladder Scanner			
Bone Stimulator			
Cell Phone w/charger			
CPM			
Defibrillator			
DVD			
DVT Pump			
E Stem machine			
ECG Machine			
EKG Machine			
Electric Bed			
Electric Wheel Chair w/charger			
Game System Player			
IV Pump			
Lamp			
Laptop/w charger			
Lift Chair			
Low-air Loss Mattress			
Oxygen Concentrator			
Oxygen Regulator			
Pulse Oximeter			
Scale			
Suction Equipment			
Task Lighting/Lamps			
Television			
Tube Feed Pump			
Ultrasound machine			
Ventilator			
Vital sign monitor			
Wheel Chair Battery Charger			
Wound Vac			
Oxygen Storage (Tank)			
Oxygen Storage (Liquid)			
Oxygen Concentrator			
Other:			

**Choose the risk category for each room above.**

1	Facility systems in which failure of such equipment or systems is likely to cause major injury or death of residents or staff is designated category 1 requirements as defined by the NFPA 99- 2012 edition
2	Facility systems in which failure of such equipment or systems is likely to cause minor injury of residents or staff is designated category 2 requirements as defined by the NFPA 99- 2012 edition
3	Facility systems in which failure of such equipment or systems is not likely to injury of residents or staff but can cause discomfort to residents is designated category 1 requirements as defined by the NFPA 99- 2012 edition
4	Facility systems in which failure of such equipment would have no impact on residents or staff is designed Category 4 as defined by the NFPA 99 - 2012 edition