



PLAN REVIEW APPLICATION Functional Program for Hospitals

Hospitals must comply with the Adopted Regulations of the State Board of Health, Nevada Administrative Code (NAC) 449. NAC 449.3154.2 of that document requires that the hospital's proposed new or renovated construction be in accordance with the standards within the current edition (1996-1997) of "The Guidelines for Design and Construction of Hospital and Healthcare Facilities."

A copy of the guidelines may be obtained from AIA (American Institute of Architects), 175 New York Ave., NW, Washington, D.C. 20006. The telephone number is (800) 242-3837.

Within those Guidelines, there is a requirement (Section 7.1.A, page 11) that each construction project must submit a "functional program" in accordance with Section 1.1.F (below). There are other "programs" and an "infection control risk assessment" that the facility must determine that augment the functional program and would have an impact upon the design of the proposed facility, addition, or renovation. These programs have been identified and are listed below. Also given are the reference page numbers, section numbers, and the involved areas to assist in one's effort to satisfy and complete the plan review submission.

You will need to supply this information to our office to allow for better assessment of your proposed project for its level of compliance and to allow our office to complete your project's plan review. Please correlate the reference number with your response and address all items. Those items that are not part of your project please indicate as N/A (Not Applicable).

Page 1, Section 1.1.F. "The health care provider shall supply for each project a functional program for the facility that describes the purpose of the project, the projected demand or utilization, staffing patterns, department relationships, space requirements, and other basic information relating to the fulfillment of the institution's objectives. The functional program shall include a description of those services necessary for the complete operation of the facility. The program shall address the size and function of each space and any special design features. Include the project occupant load, numbers of staff, patients, residents, visitors, and vendors. In treatment area, describe the types and projected numbers of procedures. Describe the circulation patterns for staff, patients or residents, and the public. Describe also the circulation patterns for equipment and clean and soiled materials. Address equipment requirements; describe building service equipment and fixed and movable equipment. Where circulation patterns are a function of asepsis control requirements, note these features. The program shall use the same names for spaces and departments as used in the Guidelines. If acronyms are used, they shall be clearly defined. The functional program shall address the potential future expansion that may be needed to accommodate increased demand. The approved functional program shall be made available for use in the development of project design and construction documents. The functional

program shall be retained by the facility with the other design data to facilitate future alterations, additions, and program changes.”

Functional Program

Ref.	Page	Section	Area
1.	19	7.1.E	Swing Beds
2.	22	7.2.B17	Nursing Unit Equipment Room/Alcove
3.	22	7.2.B21	Nursing Unit Emergency Equipment Storage
4.	23	7.2.D1	Protective Environment Rooms
5.	24	7.3	Critical Care Units
6.	24	7.3.A1	Critical Care Unit

Hospital Functional Program

Ref.	Page	Section	Area
7.	27	7.3.A15(g)	Critical Care Unit Equipment Room/Alcove Storage
8.	27	7.3.A16(d)	Critical Care Unit Special Procedure Room
9.	27	7.3.A16(I)	Critical Care Unit Laboratory Physical Relationship
10.	28	7.3.D	Pediatric Critical Care Unit
11.	29	7.3.E22	Newborn Intensive Care Unit Emergency Equipment Storage
12.	20	7.5.C1	Pediatric and Adolescent Unit Multipurpose Room
13.	34	7.6.C	Psychiatric Nursing Unit Seclusion Rooms
14.	35	7.7.A6	Surgical Suites
15.	36	7.7.C	Surgical Suites/Obstetrical Facilities Shared Support Services
16.	37	7.7.C9	Surgical Suite/Anesthesia Workroom
17.	37	7.7.C14	Surgical Suite/Outpatient Recovery
18.	38	7.7.C15	Surgical Suite/Outpatient and Same-Day Admissions Change Areas
19.	41	7.8.A3(3)(f)	Obstetrical Facilities Caesarian/Delivery Suites Share Services with Surgery
20.	42	7.8.A4	Obstetrical Facilities Labor Delivery Rooms (LDR) and Labor Delivery Rooms Postpartum (LDRP)
21.	43	7.9.D	Emergency Service 24-Hour Availability
22.	44	7.9.D14	Emergency Equipment Storage
23.	45	7.9.D25	Decontamination Area
24.	46	7.10.A1	Imaging Suite Equipment and Space
25.	47	7.10.B1	Imaging Suite Angiography
26.	47	7.10.D1	Imaging Suite Diagnostic X-Ray
27.	48	7.10.E1	Imaging Suite Magnetic Resonance Imaging (MRI)
28.	48	7.10.F1	Imaging Suite Ultrasound
29.	48	7.10.G1	Imaging Patient Waiting
30.	49	7.10.G11	Imaging Office Space
31.	50	7.11.A	Nuclear Medicine Equipment and Space
32.	50	7.11.D	Nuclear Medicine Space
33.	51	7.11.G3	Nuclear Medicine Positron Emission Tomography (PET) Centralized Computer
34.	51	7.11.G10	Imaging Waiting
35.	51	7.11.G11	Nuclear Medicine PET Dose Administration Area
36.	52	7.11.H1	Nuclear Medicine Radiotherapy Rooms and Spaces

<u>Ref.</u>	<u>Page</u>	<u>Section</u>	<u>Area</u>
37.	52	7.11.I2	Imaging Exam Room (Support)
38.	53	7.11.J	Optional Support Areas
39.	54	7.12.J	Laboratory Suites Special Equipment
40.	54	7.13.C7	Rehabilitation Therapy Physical Therapy
41.	54	7.13.C8	Rehabilitation Therapy Physical Therapy
42.	55	7.14.A3	Renal Dialysis Space and Equipment
43.	55	7.14.B7	Renal Dialysis Medication Dispensing Unit
44.	56	7.14.B15	Renal Dialysis Equipment Repair Room
45.	57	7.17.A	Pharmacy
46.	58	7.17.F5	Pharmacy Consultation/Education Room
47.	60	7.19.D	Administration and Public Areas Admitting
48.	61	7.21.C	Central Services Change Rooms
49.	61	7.23.B	Linen Services Facilities and Equipment
50.	67	7.30.C1	Waste Processing Services
51.	74	7.31.E9	Mechanical Plumbing Renal Dialysis Filtered Water
52.	76	7.32.G2	Emergency Nurse Call System

Infection Control Risk Assessment

The number and placement of the isolation rooms and protective environment rooms are determined by the facility's infection control risk assessment (defined on page 22, Sections 7.2.C). The acceptance of the facility's decision for the inclusion or exclusion of these rooms in the areas identified below would need to be supported by this document.

<u>Ref.</u>	<u>Page</u>	<u>Section</u>	<u>Area</u>
46.	23	7.2.D	Protective Environment Rooms
47.	26	7.3.A14	Critical Care Unit Isolation Rooms
48.	28	7.3.D	Critical Care Unit/Pediatric Critical Care Infection Control Rooms
48.	29	7.3.E12	Nursery AIIR
49.	30	7.4.A6	Newborn Nurseries General
50.	32	7.5.C6	Pediatric and Adolescent Unit
51.	34	7.7	Surgical Suite General
52.	36	7.7.B2	Surgical Suite Post-Anesthesia Care Units (PACU)
53.	40	7.8.A2(19)(c)	Obstetrical Suite
54.	43	7.9.C7	Emergency Service
55.	43	7.9.D5	Public Waiting
56.	45	7.9.D22	Emergency Department AIIR
57.	48	7.10.G1	Imaging Patient Waiting
58.	55	7.14.B6	Renal Dialysis Unit

Other Programs

<u>Ref.</u>	<u>Page</u>	<u>Section</u>	<u>Area</u>
59.	4	1.5.C	Functional Program Contingency Plan
60.	31	7.4.B	Newborn Nursery: Rooming-In Program
61.	33	7.6.B9	Psychiatric Nursing: Patient Laundry Facilities
62.	34	7.7	Surgical Suites: General and Scope of Services
63.	37	7.7.C7(b)	Surgical Suites: Storage Space Functional Plan

<u>Ref.</u>	<u>Page</u>	<u>Section</u>	<u>Area</u>
64.	42	7.9.B	Emergency Services: Expanded Services Program
65.	54	7.13.A	Rehabilitation Therapy: Scope of Services
66.	56	7.15.D	Respiratory Therapy Service
67.	63	7.28.A5	Psychiatric Nursing: Door Hardware