COMPLIANCE CHECKLIST

IP8 Obstetrical Unit

The following checklist is intended to be used in the plan review applications for health care facilities submitted to the Massachusetts Department of Public Health. This checklist summarizes and references the applicable requirements from the Licensure Regulations and the 2018 Edition of the FGI Guidelines for Design and Construction of Hospitals. Applicants must verify compliance of the plans submitted to the Department with all referenced requirements from the Licensure Regulations and FGI Guidelines when completing this Checklist. A separate Checklist must be completed for each nursing unit, hospital or clinic department, or clinical suite.

Other jurisdictions, regulations and codes may have additional requirements which are not included in this checklist, such as:

- State Building Code (780 CMR)
- Accreditation requirements of The Joint Commission
- CDC Guidelines for Preventing the Transmission of Mycobacterium Tuberculosis in Health Care Facilities
- USP 797 & Regulations of the Massachusetts Board of Registration in Pharmacy
- Occupational Safety & Health Standards (OSHA)
- Accessibility Guidelines of the Americans with Disabilities Act (ADA)
- Architectural Access Board Regulations (521 CMR)
- Local Authorities having jurisdiction.

Instructions:

1. All requirement lines must be completed according to the following instructions and included in the plan submissions for Self-Certification Process or Abbreviated Review Process.
2. This checklist must be completed by the project architect or engineer based on the design actually reflected in the plans at the time of completion of the checklist.
3. Each requirement line (___) of this Checklist must be completed exclusively with one of the following marks, unless otherwise directed in the checklist. If a functional space is not affected by a renovation project, the mark “E” may be indicated on the requirement line (___) before the name of the functional space (associated requirements on indented lines below that name, or associated MEP requirements do not have to be completed in this case). If more than one functional space serves a given required function (e.g. patient room or exam room), that clarification should be provided in the Project Narrative, and the requirement lines are understood to only address the functional spaces that are involved in the project.

   X = Requirement is met, for new space, for renovated space, or for existing direct support space for an expanded service.
    = Check box under section titles or individual requirements lines for optional services or functions that are not included in the project area.
   E = Requirement relative to an existing suite or area that has been licensed for its designated function, is not affected by the construction project and does not pertain to a required direct support space for the specific service affected by the project. “E” must not be used for an existing required support space associated with a new patient care room or area.
   W = Waiver requested for specific section of the Regulations or FGI Guidelines, where hardship in meeting requirement can be demonstrated (a Physical Plant Waiver Form must be completed for each waiver request). An explicit floor plan or plan detail must be attached to each waiver request.
4. All room functions marked with “X” must be shown on the plans with the same name labels as in this checklist.
5. Mechanical, electrical & plumbing requirements are only partially mentioned in this checklist. The relevant section of the FGI Guidelines must be used for project compliance with all MEP requirements and for waiver references.
6. Oxygen, vacuum, medical air, waste anesthesia gas disposal and instrument air outlets (if required) are identified respectively by the abbreviations "OX", "VAC", "MA", "WAGD" & "IA".
7. Requirements referenced with “FI” result from formal interpretations from the FGI Interpretations Task Group.
8. The location requirements including asterisks (*) refer to the definitions of the Glossary in the beginning section of the FGI Guidelines and reproduced in this checklist.

Facility Name:

Facility Address:

Satellite Name: (if applicable)

Satellite Address: (if applicable)

Project Description:

DoN Project Number: (if applicable)

Patient Care Unit Bed Complements:

Current = Proposed =

Building/Floor Location:

Submission Dates:

Initial Date:

Revision Date:

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Compliance Checklist: Obstetrical Unit

Architectural Requirements

2.2-2.9

OBSTETRICAL UNIT

2.1-1.2.3  Shared Services:

☐ No combined functions unless specifically allowed in this checklist

2.2-2.9.1.1  Location:

☐ obstetrical unit designed & located to prohibit nonrelated traffic through unit

☐ secured with controlled access

2.2-2.9.1.2  Newborn nursery is provided in obstetrical unit

☐ Compliance Checklist IP9 is submitted

2.2-2.9.2

ANTEPARTUM & POSTPARTUM UNIT

2.2-2.9.2.1  ANTEPARTUM ROOM

☐ check if not included in project

2.2-2.2.2.1  Capacity:

(1)  maximum number of beds per room is one bed

(2)  or renovation work is undertaken

☐ present capacity is more than one patient in each room

☐ proposed room capacity is no more than present capacity

☐ maximum 2 patients in each room

2.2-2.2.2.2  Space Requirements:

(1)(a)  single-patient rooms

☐ check if not included in project

☐ min. clear floor area 120 sf

(2)(a)  min. clearance 3'-0" between sides of bed & any wall or any other fixed obstruction

☐ min. clearance 3'-0" between foot of bed & any wall or any other fixed obstruction

(1)(b)  multiple-patient rooms

☐ check if not included in project

☐ min. clear floor area 100 sf per bed

2.2-2.2.2.2  (2)(a)  min. clearance 3'-0" between sides of bed & any wall or any other fixed obstruction

Building Systems Requirements

Ventilation:

☐ Min. 4 air changes per hour  Table 7.1

Lighting:

General lighting  2.1-8.3.4.3(1)

☐ Reading light for each patient bed

☐ controls accessible to patients in bed

☐ Night-light located in each patient room

☐ no central control of night-lights outside room

☐ night-light illuminates path from room entrance to bedside

☐ night-light illuminates path between bed & toilet room

Power:

☐ Min. 12 receptacles in total  Table 2.1-1

☐ Min. 2 receptacles at each side of the head of the bed
### Architectural Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2)(b)</td>
<td>min. clearance 4'-0&quot; at foot of each bed to permit passage of equipment &amp; beds</td>
</tr>
<tr>
<td>2.2-2.2.2.3</td>
<td>Windows in Patient Rooms: each patient room provided with natural light by means of window to outside</td>
</tr>
<tr>
<td>2.1-7.2.5(1)</td>
<td>operable windows in patient rooms</td>
</tr>
<tr>
<td>2.1-7.2.5(2)</td>
<td>check if not included in project</td>
</tr>
<tr>
<td>2.1-7.2.6</td>
<td>insect screens</td>
</tr>
<tr>
<td>2.1-7.2.5(3)</td>
<td>min. net glazed area be no less than 8% of required min. clear floor area</td>
</tr>
<tr>
<td>2.2-2.2.4</td>
<td>Patient Privacy: provisions are made to address patient visual &amp; speech privacy</td>
</tr>
<tr>
<td>2.1-2.5</td>
<td>Handwashing Station in Patient Room: provided in patient room in addition to that in toilet room</td>
</tr>
<tr>
<td>(1)</td>
<td>adjacent* to entrance to patient room for use by health care personnel &amp; others</td>
</tr>
<tr>
<td>Multiple-Patient Rooms:</td>
<td>check if not included in project</td>
</tr>
<tr>
<td>(2)</td>
<td>handwashing station located outside patients cubicle curtains</td>
</tr>
<tr>
<td>2.1-2.6</td>
<td>Patient toilet room</td>
</tr>
<tr>
<td>2.1-2.6.2</td>
<td>in patient care units patient toilet room serve no more than one patient room</td>
</tr>
<tr>
<td>2.1-2.6.3</td>
<td>toilet</td>
</tr>
<tr>
<td>(1)</td>
<td>handwashing station</td>
</tr>
<tr>
<td>(2)</td>
<td>bedpan washer</td>
</tr>
<tr>
<td>2.2-2.2.7</td>
<td>Patient Bathing Facilities: located in toilet room directly accessible from each patient room</td>
</tr>
<tr>
<td>(1)(a)</td>
<td>located in central bathing facility</td>
</tr>
</tbody>
</table>

### Building Systems Requirements

<table>
<thead>
<tr>
<th>System</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nurse Call System</td>
<td>Patient station</td>
</tr>
<tr>
<td></td>
<td>Staff assistance station</td>
</tr>
<tr>
<td></td>
<td>Emergency call station</td>
</tr>
<tr>
<td>Medical Gases</td>
<td>1 OX, 1 VAC per bed</td>
</tr>
<tr>
<td>Ventilation</td>
<td>Min. 10 air changes per hour</td>
</tr>
<tr>
<td></td>
<td>Exhaust</td>
</tr>
<tr>
<td></td>
<td>Negative pressure</td>
</tr>
<tr>
<td></td>
<td>No recirculating room units</td>
</tr>
<tr>
<td>Bath station</td>
<td>Table 2.1-2</td>
</tr>
<tr>
<td></td>
<td>Table 7.1</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Architectural Requirements</th>
<th>Building Systems Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2)</td>
<td></td>
</tr>
<tr>
<td>Central Bathing Facilities:</td>
<td></td>
</tr>
<tr>
<td>☐ check if not included in project</td>
<td></td>
</tr>
</tbody>
</table>
| (a) each bathtub or shower in individual room or enclosure that provides privacy for bathing drying & dressing |通风：  
| ☐ minimum 10 air changes per hour                              | egregious：  
| ☐ exhaust                                                      | ☐ negative pressure                                               |
| ☐ no recirculating room units                                   |                                                                  |
| (b) at least one shower or bathtub provided for each patient care unit | bath station：  
| ☐ at least one bathing facility with space for attendant to accommodate patients on gurneys, carts & wheelchairs (may be shared with multiple patient care units located on separate floors) | Nurse Call System：  
| ☐ toilet in separate enclosure in or directly accessible to each central bathing facility | ventilation：  
| ☐ handwashing sink in or directly accessible to each central bathing facility | ☐ minimum 10 air changes per hour                                  |
| ☐ storage for soap & towels in or directly accessible to each central bathing facility | ☐ exhaust                                                      |
| (c)                                                            | ☐ negative pressure                                               |
| ☐ no recirculating room units                                   | ☐ no recirculating room units                                     |
| (3)                                                            |                                                                  |
| Mobile Lifts, Shower Gurney Devices & Wheelchair Access：        |                                                                  |
| (a) each doorways designed to allow entry of portable/mobile mechanical lifts & shower gurney devices | ventilation：  
| ☐ thresholds designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment | ☐ minimum 10 air changes per hour                                  |
| (b) each patient shower rooms designed to allow entry of portable/mobile mechanical lifts & shower gurney devices | ☐ exhaust                                                      |
| (c) floor drain grates be designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment | ☐ negative pressure                                               |
| 2.2.2.2.8 Patient Storage：                                      |                                                                  |
| 2.1.2.2.8 ☐ separate wardrobe, locker, or closet suitable for garments & for storing personal effects | Nurse Call System：  
|                                                                  | bath station：  
|                                                                  | Table 2.1-2                                                      |
2.2-2.9.2.2(1) POSTPARTUM ROOM
☐ check if not included in project

2.2-2.2.2.1 Capacity:
(1) maximum number of beds per room is one bed
(2) renovation work is undertaken
   present capacity is more than one patient in each room
   proposed room capacity is no more than present capacity
   maximum 2 patients in each room

Space Requirements:
2.2-2.9.2.2(2) single-patient rooms
☐ check if not included in project
   min. clear floor area 150 sf

2.2-2.2.2.2 (2)(a)
   min. clearance 3'-0" between sides of bed & any wall or any other fixed obstruction
   min. clearance 3'-0" between foot of bed & any wall or any other fixed obstruction

2.2-2.9.2.2(2) multiple-patient rooms
☐ check if not included in project
   min. clear floor area 124 sf per bed

2.2-2.2.2.2 (2)(a)
   min. clearance 3'-0" between sides of bed & any wall or any other fixed obstruction
(2)(b)
   min. clearance 4'-0" at foot of each bed to permit passage of equipment & beds

2.2-2.2.3 Windows in Patient Rooms:
2.1-7.2.2.5(1) each patient room provided with natural light by means of window to outside
2.1-7.2.2.5(2) operable windows in patient rooms
☐ check if not included in project
   window operation is limited with either stop limit/restrictor hardware or open guard/screen
   prevents passage of 4-inch diameter sphere through opening

2.1-7.2.2.6 insect screens

Ventilation:
   Min. 4 air changes per hour Table 7.1

Lighting:
   General lighting 2.1-8.3.4.3(1)
   Reading light for each patient bed (a)
   controls accessible to patients in bed
   Night-light located in each patient room (b)
   no central control of night-lights outside room
   night-light illuminates path from room entrance to bedside
   night-light illuminates path between bed & toilet room

Power:
   Min. 12 receptacles in total Table 2.1-1
   Min. 2 receptacles at each side of the head of the bed
   Min. 2 receptacles on all other walls (not including any TV receptacle)
   Patient station Table 2.1-2
   Staff assistance station
   Emergency call station
   Medical Gases:
   1 OX, 1 VAC per bed Table 2.1-3
   insect screens
### Architectural Requirements

(a)    _min. net glazed area be no less than 8% of required min. clear floor area_

(b)    _max. 36” windowsill height above finished floor_

### Building Systems Requirements

2.2-2.2.2.4  **Patient Privacy:**

2.1-2.1.2  _provisions are made to address patient visual & speech privacy_

2.1-2.2.5  **Handwashing Station in Patient Room:**

2.1-2.2.5.1  _provided in patient room in addition to that in toilet room_

1.  _adjacent* to entrance to patient room for use by health care personnel & others_

#### Multiple-Patient Rooms:

☐ _check if not included in project_

2.  _handwashing station located outside patients cubicle curtains_

2.1-2.2.6  _Patient toilet room_

2.1-2.2.6.2  _in patient care units patient toilet room serve no more than one patient room_

2.1-2.2.6.3  

1.  _toilet_

2.  _handwashing station_

3.  _bedpan washer_

#### Ventilation:

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
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#### Nurse Call System:

<table>
<thead>
<tr>
<th>Bath station</th>
<th>Table 2.1-2</th>
</tr>
</thead>
</table>

2.2-2.2.7  **Patient Bathing Facilities:**

1(a)  _located in toilet room directly accessible from each patient room_

or

1(b)  _located in central bathing facility_

2.  **Central Bathing Facilities:**

☐ _check if not included in project_

(a)  _each bathtub or shower in individual room or enclosure that provides privacy for bathing drying & dressing_

(b)  _at least one shower or bathtub provided for each patient care unit at least one bathing facility with space for attendant to accommodate patients on gurneys, carts & wheelchairs (may be shared with multiple patient care units located on separate floors)_

#### Ventilation:

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</table>

#### Nurse Call System:

<table>
<thead>
<tr>
<th>Bath station</th>
<th>Table 2.1-2</th>
</tr>
</thead>
</table>
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Architectural Requirements

(c) ______ toilet in separate enclosure in or directly accessible to each central bathing facility

(c) ______ handwashing sink in or directly accessible to each central bathing facility

(c) ______ storage for soap & towels in or directly accessible to each central bathing facility

Architectural Requirements

(3) Mobile Lifts, Shower Gurney Devices & Wheelchair Access:

(a) ______ doorways designed to allow entry of portable/mobile mechanical lifts & shower gurney devices

(b) ______ thresholds designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment

(c) ______ patient shower rooms designed to allow entry of portable/mobile mechanical lifts & shower gurney devices

(d) ______ floor drain grates be designed to facilitate use & prevent tipping of wheelchairs & other portable wheeled equipment

Building Systems Requirements

Ventilation:

(c) ______ Min. 10 air changes per hour Table 7.1

(c) ______ Exhaust

(c) ______ Negative pressure

(c) ______ No recirculating room units

Nurse Call System:

(c) ______ Bath station Table 2.1-2

2.2-2.2.2.8 Patient Storage:

2.1-2.2.8 ______ separate wardrobe, locker, or closet suitable for garments & for storing personal effects

130.619(A) LABOR ROOMS

☐ check if not included in project (only if LDR rooms or LDRP rooms are provided)

(2) ______ Min. 120 sf per bed in labor rooms

Ventilation:

(c) ______ Min. 6 air changes per hour Table 7.1

(c) ______ Min. 16 receptacles in total Table 2.1-1

(c) ______ Min. 8 receptacles convenient to head of labor bed

Nurse Call System:

(c) ______ Patient station Table 2.1-2

(c) ______ Staff assistance station

(c) ______ Emergency call station

Medical Gases:

(c) ______ 1 OX, 1 VAC per bed Table 2.1-3

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2.2-2.9.3  LDR ROOMS (Labor Delivery Recovery)
☐ check if not included in project

2.2-2.9.1.1(2)
(a) ☐ separate LDR/LDRP suite
(b) or ☐ cesarean delivery suite
(c) or ☐ postpartum unit

2.2-2.9.3.1  Capacity:
☐ each LDR room single occupancy

2.2-2.9.3.2  Space Requirements:
(1) ☐ min. clear floor area 325 sf
☐ min. wall width at head of bed 13'-0"
☐ clear floor area includes distinct infant stabilization & resuscitation space with min. clear floor area of at least 40 sf
(b) ☐ additional space for infant crib
☐ additional space for any reclining chair for support person
(2)(a) ☐ min. clearance 6'-0" from foot of bed to wall or fixed obstruction
(2)(b) ☐ min. clearance 5'-0" on transfer side of bed to wall or fixed obstruction
(2)(c) ☐ min. clearance 4'-0" on non-transfer side of bed to wall or fixed obstruction

2.2-2.9.3.3(1)
☐ room clear floor area includes distinct infant stabilization & resuscitation space with min. clear floor area of at least 40 sf

2.2-2.9.3.4  Patient Privacy:
☐ provisions are made to address patient visual & speech privacy

2.2-2.9.3.5  Handwashing station

2.2-2.9.3.6  Direct access to private toilet room with shower or tub
### Architectural Requirements

**2.2-2.9.3.9 Special Design Elements:**

1. finishes selected to facilitate cleaning & to withstand strong detergents
2. fixed examination lights
   - or
   - portable examination lights immediately accessible*

### Building Systems Requirements

**2.2-2.9.3 LDRP ROOMS**  
(Labor Delivery Recovery Postpartum)

- check if not included in project

**2.2-2.9.1.1 Location:**

- separate LDR/LDRP suite
- cesarean delivery suite
- postpartum unit

**2.2-2.9.3.1 Capacity:**

- each LDRP room single occupancy

**2.2-2.9.3.2 Space Requirements:**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) min. clear floor area 325 sf</td>
<td>☐</td>
</tr>
<tr>
<td>min. wall width at head of bed 13'-0&quot;</td>
<td>☐</td>
</tr>
<tr>
<td>clear floor area includes distinct infant stabilization &amp; resuscitation space with min. clear floor area of at least 40 sf</td>
<td>☐</td>
</tr>
<tr>
<td>(b) additional space for infant crib &amp; additional space for any reclining chair for support person</td>
<td>☐</td>
</tr>
<tr>
<td>(2)(a) min. clearance 6'-0&quot; from foot of bed to wall or fixed obstruction</td>
<td>☐</td>
</tr>
<tr>
<td>(2)(b) min. clearance 5'-0&quot; on transfer side of bed to wall or fixed obstruction</td>
<td>☐</td>
</tr>
<tr>
<td>(2)(c) min. clearance 4'-0&quot; on non-transfer side of bed to wall or fixed obstruction</td>
<td>☐</td>
</tr>
</tbody>
</table>

**Ventilation:**

- Min. 6 air changes per hour

**Lighting:**

- General lighting in addition to special lighting units provided at obstetrical bed

**Reading light**

- controls accessible to patient without patient having to get out of bed

**Night-light located in each patient room**

- no central control of night-lights outside room

**Night-light illuminates path from room entrance to bedside**

**Night-light illuminates path between bed & toilet room**

**Power:**

- Min. 16 receptacles in total
- Min. 8 receptacles convenient to head of mother’s bed
- Min. 4 receptacles convenient to each bassinet with one on each wall

**Nurse Call System:**

- Patient station
- Staff assistance station
- Emergency call station

**Medical Gases:**

- 1 OX, 1 VAC per bed

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### Architectural Requirements

2.2-2.9.3.2(1) **Distinct infant stabilization & resuscitation space with min. clear floor area**
- min. 40 sf included in room clear floor area

2.2-2.9.3.3 **Window:**
- 2.1-7.2.2.5(1) each patient room provided with natural light by means of window to outside
- (a) min. net glazed area be no less than 8% of required min. clear floor area
- (b) max. 36” windowsill height above finished floor

2.2-2.9.3.4 **Patient Privacy:**
- 2.1-2.1.2 provisions are made to address patient visual & speech privacy

2.2-2.9.3.5 **Handwashing station**

2.2-2.9.3.6 **Direct access to private toilet room with shower or tub**

2.2-2.9.3.9 **Special Design Elements:**
- (1) finishes selected to facilitate cleaning & to withstand strong detergents
- (2) fixed examination lights
- or portable examination lights
  - immediately accessible*

### Building Systems Requirements

**Medical Gases:**
- 3 OX, 3 VAC, 3 MA per bassinet Table 2.1-3

2.2-2.9.8 **SUPPORT AREAS FOR OBSTETRICAL UNIT**

2.2-2.9.8.1 **General support areas in this section provided for obstetrical unit**

2.2-2.9.8.2 **Nurse station**
- 2.1-2.8.2 **Administrative center or nurse station**
- 2.1-2.8.2.1(1) space for counters
- 2.1-2.8.2.1(2) handwashing station next to or directly accessible*
  - or hand sanitation dispenser next to or directly accessible*

2.2-2.9.8.3 **Documentation area**
- 2.1-2.8.3.1 work surface to support documentation process

2.2-2.9.8.4 **Nurse office**

**Nurse Call System:**
- 2.1-8.5.1.2(3)(b) Duty station (light/sound signal)
<table>
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<th>Architectural Requirements</th>
<th>Building Systems Requirements</th>
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<tbody>
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<td>2.2-2.9.8.8</td>
<td></td>
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<tr>
<td>2.1-2.8.8.1(2)</td>
<td></td>
</tr>
<tr>
<td>(a) Medication safety zone</td>
<td></td>
</tr>
<tr>
<td>(b) Design Promoting Safe Medication Use:</td>
<td></td>
</tr>
<tr>
<td>_______ medication safety zone located out of circulation paths</td>
<td>Lighting:</td>
</tr>
<tr>
<td>(c) work space designed so that staff can access information &amp; perform required tasks</td>
<td>_______ Task-specific lighting level min. 100 foot-candles</td>
</tr>
<tr>
<td>(e) work counters provide space to perform required tasks</td>
<td></td>
</tr>
<tr>
<td>(f) sharps containers placed at height that allows users to see top of container</td>
<td></td>
</tr>
<tr>
<td></td>
<td>max. 45 dBA noise level caused by building systems</td>
</tr>
<tr>
<td>2.1-2.8.8.2(1)</td>
<td></td>
</tr>
<tr>
<td>(a) medication preparation room</td>
<td></td>
</tr>
<tr>
<td>_______ under visual control of nursing staff</td>
<td>Ventilation:</td>
</tr>
<tr>
<td>(b) work counter</td>
<td>_______ Min. 4 air changes per hour</td>
</tr>
<tr>
<td>(c) handwashing station</td>
<td>Lighting:</td>
</tr>
<tr>
<td>(d) lockable refrigerator</td>
<td>_______ Task lighting</td>
</tr>
<tr>
<td>(e) locked storage for controlled drugs</td>
<td>Nurse Call System:</td>
</tr>
<tr>
<td>(f) sharps containers</td>
<td>_______ Duty station (light/sound signal)</td>
</tr>
<tr>
<td></td>
<td>□ check if not included in project</td>
</tr>
<tr>
<td>(g) self-contained medication-dispensing unit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>□ check if not included in project</td>
</tr>
<tr>
<td></td>
<td>_______ room designed with space to prepare medications</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>2.1-2.8.8.2(2)</td>
<td></td>
</tr>
<tr>
<td>(a) automated medication-dispensing unit</td>
<td></td>
</tr>
<tr>
<td>_____ located at nurse station, in clean workroom or in alcove</td>
<td>Lighting:</td>
</tr>
<tr>
<td>(c) handwashing station located next to stationary medication-dispensing units or stations</td>
<td>Nurse Call System:</td>
</tr>
<tr>
<td></td>
<td>_______ Task lighting</td>
</tr>
<tr>
<td></td>
<td>_______ Duty station (light/sound signal)</td>
</tr>
<tr>
<td>2.2-2.9.8.9</td>
<td></td>
</tr>
<tr>
<td>2.1-2.8.9.2</td>
<td></td>
</tr>
<tr>
<td>(1) handwashing station</td>
<td>Ventilation:</td>
</tr>
<tr>
<td>(2) work counter</td>
<td>_______ Min. 2 air changes per hour</td>
</tr>
<tr>
<td></td>
<td>refrigerator</td>
</tr>
<tr>
<td>(3) refrigerator</td>
<td>_______ Duty station (light/sound signal)</td>
</tr>
<tr>
<td></td>
<td>microwave</td>
</tr>
<tr>
<td>(4) microwave</td>
<td></td>
</tr>
<tr>
<td></td>
<td>storage cabinets</td>
</tr>
<tr>
<td>(5) storage cabinets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>space for temporary storage of food service implements</td>
</tr>
<tr>
<td>(6) space for temporary storage of food service implements</td>
<td></td>
</tr>
<tr>
<td>2.1-2.8.9.3</td>
<td></td>
</tr>
<tr>
<td>_______ provisions &amp; space are included for separate temporary storage of unused &amp; soiled meal trays</td>
<td></td>
</tr>
</tbody>
</table>
Architectural Requirements

2.2-2.9.8.11
2.1-2.8.11.2

____ Clean workroom or clean supply room
____ clean workroom
____ used for preparing patient care items
____ work counter
____ handwashing station
(3) ____ storage facilities for clean & sterile supplies
or

2.1-2.8.11.3

____ clean supply room
____ used only for storage & holding as part of system for distribution of clean & sterile supplies

Building Systems Requirements

Ventilation:
____ Min. 4 air changes per hour Table 7.1
____ Positive pressure

Nurse Call System:
____ Duty station (light/sound signal) Table 2.1-2

Ventilation:
____ Min. 4 air changes per hour Table 7.1
____ Positive pressure

Soiled workroom or soiled holding room
2.1-2.8.12

(1)(a) ____ handwashing station
(1)(b) ____ flushing-rim clinical service sink with bedpan-rinsing device or equivalent flushing-rim fixture
(1)(c) ____ work counter
(1)(d) ____ space for separate covered containers for waste & soiled linen
(2) ____ fluid management system is used
□ check if not included in project
____ electrical & plumbing connections that meet manufacturer requirements
____ space for docking station

or

2.1-2.8.12.3

____ soiled holding room
(1) ____ handwashing station or hand sanitation station
(2) ____ space for separate covered containers for waste & soiled linen

Clean linen storage
2.2-2.9.8.13(1)
2.1-2.8.13.1(1)

____ stored in clean workroom
____ separate closet
____ covered cart distribution system on each floor
2.1-2.8.13.1(2)

____ storage of clean linen carts in designated corridor alcoves, clean workroom or closets

Equipment storage area
2.2-2.9.8.13(2)

____ provided on patient floor
(a) ____ min. 10 sf per postpartum room + 20 sf per LDR or LDRP room
(b) ____ in addition to any storage in patient rooms
### Architectural Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2-2.9.8.13(3)</td>
<td>Storage space for gurneys &amp; wheelchairs</td>
</tr>
<tr>
<td>2.2-2.9.8.13(4)</td>
<td>Emergency equipment storage</td>
</tr>
<tr>
<td>2.1-2.8.13.4</td>
<td>Each patient care unit has at least one emergency equipment storage location</td>
</tr>
<tr>
<td>(1)</td>
<td>Provided under visual observation of staff</td>
</tr>
<tr>
<td>(2)</td>
<td>Storage locations in corridors do not encroach on minimum required corridor width</td>
</tr>
<tr>
<td>2.2-2.9.8.14</td>
<td>Environmental services room</td>
</tr>
<tr>
<td>(2)</td>
<td>Located in obstetrical unit &amp; not shared with other patient care units or departments</td>
</tr>
<tr>
<td>2.1-2.8.14.2</td>
<td>Service sink or floor-mounted mop sink</td>
</tr>
<tr>
<td>(1)</td>
<td>Provisions for storage of supplies &amp; housekeeping equipment</td>
</tr>
<tr>
<td>(3)</td>
<td>Handwashing station or hand sanitation station</td>
</tr>
<tr>
<td>2.2-2.9.15</td>
<td>Examination/treatment room and/or multipurpose diagnostic testing room</td>
</tr>
<tr>
<td>(1)</td>
<td>Used for obstetric triage immediately accessible* to units where births occur (LDR LDRP &amp; Cesarean Delivery Rooms) not located in postpartum unit</td>
</tr>
<tr>
<td>(2)</td>
<td>Space Requirements: Single-patient Examination/treatment room with min. clear floor area 120 sf</td>
</tr>
<tr>
<td>(b)</td>
<td>Multi-patient diagnostic testing room with min. clear floor area 80 sf per patient</td>
</tr>
<tr>
<td>(3)</td>
<td>Patient toilet room directly accessible from exam/treatment room or multipurpose diagnostic testing room</td>
</tr>
</tbody>
</table>

### Building Systems Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.8.14.2</td>
<td>Ventilation: Min. 10 air changes per hour Table 7.1</td>
</tr>
<tr>
<td>(1)</td>
<td>Exhaust</td>
</tr>
<tr>
<td>(2)</td>
<td>Negative pressure</td>
</tr>
<tr>
<td>(3)</td>
<td>No recirculating room units</td>
</tr>
<tr>
<td>2.2-2.9.15</td>
<td>Ventilation: Min. 6 air changes per hour Table 7.1</td>
</tr>
<tr>
<td>(1)</td>
<td>Lighting: Portable or fixed exam light 2.1-8.3.4.3(3)</td>
</tr>
<tr>
<td>(2)</td>
<td>Power: Min. 8 receptacles in total Table 2.1-1</td>
</tr>
<tr>
<td>(3)</td>
<td>Nurse Call System: Staff assistance station Emergency call station Table 2.1-2</td>
</tr>
<tr>
<td>(3)</td>
<td>Medical Gases: 1 OX, 1 VAC per patient Table 2.1-3</td>
</tr>
<tr>
<td>2.2-2.9.9</td>
<td>Ventilation: Min. 10 air changes per hour Table 7.1</td>
</tr>
<tr>
<td>(1)</td>
<td>Exhaust</td>
</tr>
<tr>
<td>(2)</td>
<td>Negative pressure</td>
</tr>
<tr>
<td>(3)</td>
<td>No recirculating room units</td>
</tr>
</tbody>
</table>

### Support Areas for Staff

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2-2.9.9.1</td>
<td>Staff lounge</td>
</tr>
<tr>
<td>2.1-2.9.1</td>
<td>Min. 100 sf</td>
</tr>
<tr>
<td>2.2-2.9.9.2</td>
<td>Staff toilet room (permitted to be unisex)</td>
</tr>
<tr>
<td>2.1-2.9.2.1</td>
<td>Readily accessible* to each patient care unit</td>
</tr>
<tr>
<td>2.1-2.9.2.2</td>
<td>Toilet &amp; handwashing station</td>
</tr>
</tbody>
</table>
2.2-2.9.9.3 **Staff storage facilities**
   - **securable closets or cabinet compartments for personal staff articles**
   - located in or near nurse station

2.2-2.9.10 **SUPPORT AREAS FOR FAMILIES, PATIENTS & VISITORS**

2.1-2.10.1 **Family & visitor lounge**
   - each patient care unit provides access to lounge for family & visitors

2.1-2.10.1.1 **Size:**
   - (1) accommodates at minimum 3 chairs & 1 wheelchair space
   - (2) accommodates at least 1 person for every 4 antepartum & postpartum beds in unit

2.1-2.10.1.2 **immediately accessible* to patient care units served (permitted to serve more than one patient care unit)**

2.1-2.10.1.4 **designed to minimize impact of noise & activity on patient rooms & staff functions**

2.2-2.9.11 **CESAREAN DELIVERY SUITE**

2.2-2.9.11.1 **Cesarean Delivery Room**

2.2-2.9.11.1(3) **Located in obstetrical suite**
   - ☐ check if not included in project
   - space designed so that neither staff nor patients must travel through cesarean delivery area to access other services

2.2-2.9.11.1(1)(a) **Minimum of one Cesarean Delivery Room provided for every obstetrical unit**

(2) **Space Requirements:**
   - (2)(a) min. clear floor area 440 sf
   - min. clear dimension 16’-0”
   - above clear floor area includes infant resuscitation space with min. clear floor area 80 sf

---

**Architectural Requirements**

**Building Systems Requirements**

**Communications:**
   - Public communication services provided in each family & visitor lounge

**Ventilation:**
   - Min. 20 air changes per hour
   - Positive pressure
   - No recirculating room units

**Lighting:**
   - General lighting in addition to special lighting units at surgical & obstetrical tables
   - General lighting & special lighting on separate circuits

**Power:**
   - Min. 30 receptacles in total
   - Min. 16 receptacles convenient to table placement
   - Min. 2 receptacles on each wall
   - Min. 6 receptacles in the infant care area

**Nurse Call System:**
   - Staff assistance station
   - Emergency call station

**Medical Gases:**
   - 2 OX, 4 VAC, 1 MA per room
### Architectural Requirements

1. (b) Infant resuscitation space provided in
   - Cesarean Delivery Room
   - or

2. (b) Infant resuscitation space in separate room
   - immediately accessible* to Cesarean Delivery Room
   - min. clear floor area 150 sf

### Building Systems Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
<th>Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ventilation:</td>
<td>Min. 20 air changes per hour</td>
<td>7.1</td>
</tr>
<tr>
<td></td>
<td>Positive pressure</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No recirculating room units</td>
<td></td>
</tr>
<tr>
<td>Power:</td>
<td>Min. 6 receptacles in the infant care area</td>
<td>2.1-1</td>
</tr>
<tr>
<td>Nurse Call System:</td>
<td>Staff assistance station</td>
<td>2.1-2</td>
</tr>
<tr>
<td></td>
<td>Emergency call station</td>
<td></td>
</tr>
<tr>
<td>Medical Gases:</td>
<td>3 OX, 3 VAC, 3 MA per bassinet</td>
<td>2.1-3</td>
</tr>
</tbody>
</table>

### 2.2-2.9.11.8 SUPPORT AREAS FOR CESAREAN DELIVERY SUITE

2(a) Control/nurse station
   - solely for cesarean delivery suite
   - located to restrict unauthorized traffic into suite

2(b) Soiled workroom or soiled holding room
   - solely for cesarean delivery suite

2.1-2.8.12.2 Soiled workroom

1. (a) Handwashing station
1. (b) Flushing-rim clinical service sink with bedpan-rinsing device or equivalent flushing-rim fixture
1. (c) Work counter
1. (d) Space for separate covered containers for waste & soiled linen
2. Fluid management system is used
   - ☐ check if not included in project
   - Electrical & plumbing connections that meet manufacturer requirements
   - Space for docking station

2.1-2.8.12.3 Soiled holding room

1. Handwashing station or hand sanitation station
2. Space for separate covered containers for waste & soiled linen

2.2-2.9.11.8 Supervisor office or station

MDPH/DHCFLC 02/19 IP8
### Architectural Requirements

(3)(b) Hand scrub facilities

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.8.6.1</td>
<td>at least one hand scrub position for each cesarean delivery room, operating room &amp; class 3 imaging room located next to entrance to each room</td>
</tr>
<tr>
<td>2.1-2.8.6.2</td>
<td>one hand scrub station consisting of two scrub positions may be shared if located adjacent to entrance of each room</td>
</tr>
<tr>
<td>2.1-2.8.6.3</td>
<td>placement of scrub station does not restrict min. required corridor width</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.8.8.1(2)(a)</td>
<td>medication safety zones located out of circulation paths</td>
</tr>
<tr>
<td>2.1-2.8.8.1(2)(b)</td>
<td>work space designed so that staff can access information &amp; perform required tasks</td>
</tr>
<tr>
<td>2.1-2.8.8.1(2)(c)</td>
<td>work counters provide space to perform required tasks</td>
</tr>
<tr>
<td>2.1-2.8.8.1(2)(d)</td>
<td>sharps containers placed at height that allows users to see top of container</td>
</tr>
<tr>
<td>2.1-2.8.8.1(2)(e)</td>
<td>max. 45 dBA noise level caused by building systems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.8.2(1)</td>
<td>medication preparation room</td>
</tr>
<tr>
<td>2.1-2.8.2(1)(a)</td>
<td>under visual control of nursing staff</td>
</tr>
<tr>
<td>2.1-2.8.2(1)(b)</td>
<td>handwashing station</td>
</tr>
<tr>
<td>2.1-2.8.2(1)(c)</td>
<td>medication-dispensing unit</td>
</tr>
<tr>
<td>2.1-2.8.8.2(2)(a)</td>
<td>automated medication-dispensing unit</td>
</tr>
<tr>
<td>2.1-2.8.8.2(2)(c)</td>
<td>handwashing station located next to stationary medication-dispensing units or stations</td>
</tr>
</tbody>
</table>

### Building Systems Requirements

<table>
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<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1-2.8.8.1(2)(d)</td>
<td>Task-specific lighting level min. 100 foot-candles</td>
</tr>
<tr>
<td>2.1-2.8.8.2(1)</td>
<td>Min. 4 air changes per hour Table 7.1</td>
</tr>
<tr>
<td>2.1-2.8.8.2(1)(d)</td>
<td>Task lighting</td>
</tr>
<tr>
<td>2.1-2.8.8.2(2)(b)</td>
<td>located at nurse station, in clean workroom or in alcove</td>
</tr>
<tr>
<td>2.1-2.8.8.2(2)(c)</td>
<td>handwashing station located next to stationary medication-dispensing units or stations</td>
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<tbody>
<tr>
<td>Nurse Call System: Duty station (light/sound signal) Table 2.1-2</td>
<td>nurse call system: duty station (light/sound signal)</td>
</tr>
</tbody>
</table>
Compliance Checklist: Obstetrical Unit

**Architectural Requirements**

2.2-2.9.11.8 (3)(d)  
Clean workroom or clean supply room  
- used for preparing patient care items  
- work counter  
- handwashing station  
- storage facilities for clean & sterile supplies

2.1-2.8.11.2  
Clean workroom  
- used for preparing patient care items

Ventilation:  
- Min. 4 air changes per hour  
- Positive pressure

Nurse Call System:  
- Duty station (light/sound signal)

2.2-2.9.11.8 (3)(e)  
Clean supply room  
- used only for storage & holding as part of system for distribution of clean & sterile supplies

Ventilation:  
- Min. 4 air changes per hour  
- Positive pressure

Medical Gas Storage:  
- space for supply & storage of medical gases used in the facility  
- space for reserve cylinders  
- provided & protected in accordance with NFPA 99: Health Care Facilities Code

2.2-2.9.11.8 (3)(f)  
Area for storing gurneys out of path of normal traffic

Ventilation:  
- Min. 10 air changes per hour  
- Positive pressure

Environmental services room  
- readily accessible* to unit or floor it serves (permitted to serve more than one patient care unit on floor)

Ventilation:  
- Min. 10 air changes per hour  
- Positive pressure

- service sink or floor-mounted mop sink  
- provisions for storage of supplies & housekeeping equipment  
- handwashing station  
- hand sanitation station

Sterile Processing Facilities  
- check if not included in project

- Sterile processing facility meets requirements of semi-restricted area

Layout:  
- sterile processing facilities designed to provide one-way traffic pattern

- Two-room sterile processing facility  
- decontamination room & clean workroom physically separated by wall containing door or pass-through window  
- built-in washer/disinfector with pass-through door or window
<table>
<thead>
<tr>
<th><strong>Architectural Requirements</strong></th>
<th><strong>Building Systems Requirements</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)(b) Sterilizer access room for maintaining equipment</td>
<td>Ventilation:</td>
</tr>
<tr>
<td>☐ check if not included in project</td>
<td>☐ Min. 6 air changes per hour</td>
</tr>
<tr>
<td>(2) Decontamination room</td>
<td>☐ Exhaust</td>
</tr>
<tr>
<td>(a) sized to meet min. equipment space &amp; clearances needed for equipment used</td>
<td>☐ Negative pressure</td>
</tr>
<tr>
<td>☐ equipment shown on plans</td>
<td>☐ No recirculating room units</td>
</tr>
<tr>
<td>(b) work counter(s)</td>
<td>Nurse Call System:</td>
</tr>
<tr>
<td>handwashing station</td>
<td>☐ Duty station (light/sound signal)</td>
</tr>
<tr>
<td>☐ three-basin sink with counter</td>
<td>Table 7.1</td>
</tr>
<tr>
<td>☐ flushing-rim clinical sink or equivalent fixture</td>
<td>Table 2.1-2</td>
</tr>
<tr>
<td>☐ or alternative methods for disposal of bio-waste</td>
<td></td>
</tr>
<tr>
<td>☐ space for waste &amp; soiled linen receptacles</td>
<td></td>
</tr>
<tr>
<td>☐ documentation area</td>
<td></td>
</tr>
<tr>
<td>☐ instrument air outlet for drying instruments</td>
<td></td>
</tr>
<tr>
<td>☐ or</td>
<td></td>
</tr>
<tr>
<td>☐ portable compressed air for drying instruments</td>
<td></td>
</tr>
<tr>
<td>☐ storage for decontamination supplies &amp; personal protective equipment (PPE)</td>
<td></td>
</tr>
<tr>
<td>(3) Clean workroom</td>
<td>Ventilation:</td>
</tr>
<tr>
<td>(a) sized to accommodate sterilization equipment used</td>
<td>☐ Min. 4 air changes per hour</td>
</tr>
<tr>
<td>☐ equipment shown on plans</td>
<td>☐ Positive pressure</td>
</tr>
<tr>
<td></td>
<td>☐ No recirculating room units</td>
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<td>(b) work counter(s)</td>
<td>Nurse Call System:</td>
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<tr>
<td>handwashing station</td>
<td>☐ Duty station (light/sound signal)</td>
</tr>
<tr>
<td>☐ storage for sterilization supplies</td>
<td>Table 7.1</td>
</tr>
<tr>
<td>☐ documentation area</td>
<td>Table 2.1-2</td>
</tr>
<tr>
<td>☐ instrument air outlet for drying instruments</td>
<td></td>
</tr>
<tr>
<td>☐ or</td>
<td></td>
</tr>
<tr>
<td>☐ portable compressed air for drying instruments</td>
<td></td>
</tr>
<tr>
<td>☐ cooling area for sterilization cart where sterilizer is loaded/unloaded using rolling cart</td>
<td></td>
</tr>
<tr>
<td>(4) Sterile storage (provided for storage of sterile instruments &amp; supplies)</td>
<td>Ventilation:</td>
</tr>
<tr>
<td>(a) ☐ area part of clean workroom</td>
<td>☐ Min. 4 air changes per hour</td>
</tr>
<tr>
<td>☐ or</td>
<td>☐ Positive pressure</td>
</tr>
<tr>
<td>☐ separate storage room</td>
<td>Table 7.1</td>
</tr>
<tr>
<td>(b) ☐ space for case cart storage</td>
<td></td>
</tr>
<tr>
<td>☐ check if not included in project</td>
<td></td>
</tr>
</tbody>
</table>
### Architectural Requirements

2.1-5.1.2.3  One-room sterile processing facility
- [ ] check if not included in project

   (1)  consists of decontamination area & clean work area

   (b)  two entrances

   or

   single entrance

   located approximately equidistant from clean & decontamination sides of room

   allows for one-way traffic flow

(2)  decontamination area

   (a)  countertop

   Min. 6 air changes per hour

   Table 7.1

   two-basin sink for washing instruments

   handwashing station

   separate from instrument-washing sink

   storage for supplies

   instrument air outlet for drying instruments

   or

   portable compressed air for drying instruments

(3)  clean work area

   (a)  countertop

   Min. 4 air changes per hour

   Table 7.1

   sterilizer

   Positive pressure

   No recirculating room units

   (b)  storage for supplies

   (c)  instrument for drying instruments

   or

   portable compressed air for drying instruments

### Building Systems Requirements

2.1-5.1.2.4  Equipment & supply storage

   (1)  instrument & supply storage provided for sterile & clean instruments & supplies

   (a)  separate room

   or

   portion of clean workroom
Architectural Requirements

(b) space for case cart storage
☐ check if not included in project
(only if case carts are not used in facility)

(2) clean/sterile medical/surgical supply receiving room

Building Systems Requirements

Ventilation:
☐ Min. 4 air changes per hour Table 7.1
☐ Positive pressure

2.1-5.1.2.5 Support Areas for Staff:
(serving sterile processing facilities)

(1)(a) separate changing areas provided for male & female staff (unisex changing area with one or more private changing rooms is permitted)

(1)(b) staff changing areas meet requirements of unrestricted area (may are shared with other departments or services)

(2)(a) lockers
(2)(b) toilet room

Ventilation:
☐ Min. 10 air changes per hour Table 7.1
☐ Exhaust
☐ Negative pressure
☐ No recirculating room units

(2)(c) handwashing station

Ventilation:
☐ Min. 10 air changes per hour Table 7.1
☐ Exhaust
☐ Negative pressure
☐ No recirculating room units

(2)(d) space for donning sterile attire
(2)(e) provision for separate storage of clean & soiled work attire

2.2-2.9.11.9 SUPPORT AREAS FOR STAFF—CESAREAN DELIVERY SUITE
(may be shared with surgical facilities if shared areas are arranged to avoid direct traffic between delivery & operating rooms)

2.2-2.9.11.9(1) Staff lounge
☐ immediately accessible* to labor, delivery & recovery areas

2.1-2.9.1 min. 100 sf

2.2-2.9.11.9(2) Staff toilet room (permitted to be unisex)

Ventilation:
☐ Min. 10 air changes per hour Table 7.1
☐ Exhaust
☐ Negative pressure
☐ No recirculating room units

2.1-2.9.2.1 readily accessible* to each patient care unit

2.1-2.9.2.2 toilet & handwashing station

Ventilation:
☐ Min. 10 air changes per hour Table 7.1
☐ Exhaust
☐ Negative pressure
☐ No recirculating room units

2.2-2.9.11.9(3) Staff changing areas
☐ lockers
☐ space for donning & doffing scrub suits & booties
☐ showers
☐ toilets
☐ handwashing stations

2.2-2.9.11.9(4) Support person changing areas
☐ provided for male & female support persons accompanying mother

2.2-2.9.11.9(3) lockers
Architectural Requirements

(b) space for donning & doffing scrub suits & booties
    showers
    toilets
    handwashing stations

Building Systems Requirements

Ventilation:
    Min. 10 air changes per hour  Table 7.1
    Exhaust
    Negative pressure
    No recirculating room units

2.2-2.9.11.9(5)
    On-call staff accommodation
    (may be located elsewhere in facility)

2.2-2.6.9.4
    accommodations for sleeping & rest
    (a) space for chair
    (b) space for bed
(1) (2) individually secured storage for personal items
(3) communication system
(4) at least one toilet & handwashing station

Ventilation:
    Min. 10 air changes per hour  Table 7.1
    Exhaust
    Negative pressure
    No recirculating room units

2.2-2.9.11.10 SUPPORT AREAS FOR FAMILIES PATIENTS & VISITORS—CESAREAN DELIVERY SUITE

2.1-2.10.1 Family & visitor lounge
    (may be shared with surgery facilities)
    each patient care unit provides access to lounge for family & visitors

2.1-2.10.1.1(1) accommodates at minimum 3 chairs & 1 wheelchair space
2.1-2.10.1.2 immediately accessible* to patient care units served (permitted to serve more than one patient care unit)
2.1-2.10.1.4 designed to minimize impact of noise & activity on patient rooms & staff functions

2.2-2.9.11.11 RECOVERY SPACE FOR CESAREAN DELIVERY SUITE

(1)(a) Min. of two recovery patient care stations
(2) each patient care station has min. clear floor area 80 sf
(3) handwashing station
2.1-2.8.7.1 located in each room where hands-on patient care is provided
2.1-2.8.7.3 handwashing station serves multiple patient care stations
    ☐ check if not included in project
(1) at least 1 handwashing station
    for every 4 patient care stations or fewer & for each major fraction thereof
(2) handwashing stations evenly distributed

Ventilation:
    Min. 6 air changes per hour  Table 7.1

Power:
    Min. 8 receptacles in total  Table 2.1-1
    ☐ convenient to head of gurney or bed

Nurse Call System:
    Staff assistance station  Table 2.1-2
    Emergency call station

Medical Gases:
    1 OX, 3 VAC, 1 MA per bed  Table 2.1-3
Architectural Requirements

(1)(b) Recovery in LDR or LDRP rooms
    LDR or LDRP rooms are located in or directly accessible to cesarean delivery suite

2.2-2.9.11.12 SUPPORT AREAS FOR RECOVERY ROOMS - CESAREAN DELIVERY SUITE
☐ check if not included in project
(only if LDR & LDRP rooms are provided)
(2) Nurse station & documentation area
    located to permit visual observation of all patient care stations

(8) Medication safety zone
2.1-2.8.8.1(2)
(a) Design Promoting Safe Medication Use:
    medication safety zones located out of circulation paths
(b) work space designed so that staff can access information & perform required tasks
(c) work counters provide space to perform required tasks
(e) sharps containers placed at height that allows users to see top of container
(f) max. 45 dBA noise level caused by building systems

2.1-2.8.8.2(1)
(a) medication preparation room
    under visual control of nursing staff
    work counter
    handwashing station
    lockable refrigerator
    locked storage for controlled drugs
    sharps containers
☐ check if not included in project
(c) self-contained medication-dispensing unit
    room designed with space to prepare medications

or

2.1-2.8.8.2(2)
(a) automated medication-dispensing unit
    located at nurse station, in clean workroom or in alcove
(c) handwashing station located next to stationary medication-dispensing units or stations

(13) Equipment & supply storage
(14) Clinical sink with bedpan-rinsing device
    directly accessible to recovery room
*LOCATION TERMINOLOGY:
Directly accessible: Connected to the identified area or room through a doorway, pass-through, or other opening without going through an intervening room or public space
Adjacent: Located next to but not necessarily connected to the identified area or room
Immediately accessible: Available either in or adjacent to the identified area or room
Readily accessible: Available on the same floor or in the same clinic as the identified area or room

### Architectural Details & MEP Requirements

#### 2.1-7.2.2

**ARCHITECTURAL DETAILS**

**CORRIDOR WIDTH:**

2.1-7.2.2.1

- Aisles, corridors & ramps required for exit access in a hospital not less than 8'-0" in clear & unobstructed width

- Detailed code review incorporated in Project Narrative

2.1-7.2.2.2

**CEILING HEIGHT:**

1. Min ceiling height 7'-6" in corridors & in normally unoccupied spaces

3. Min. height 7'-6" above floor of suspended tracks, rails & pipes located in traffic path for patients in beds & on stretchers

Min. ceiling height 7'-10" in other areas

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**DOORS & DOOR HARDWARE:**

1. Door Type:

   a. doors between corridors, rooms, or spaces subject to occupancy swing type or sliding doors

   b. sliding doors

   □ check if not included in project

   □ check if not included in project

   □ check if not included in project

   □ check if not included in project

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**2.1-7.2.5**

**WINDOWS IN PATIENT ROOMS:**

2.1-7.2.5(1) Each patient room provided with natural light by means of window to outside

2.1-7.2.5(2) Operable windows in patient rooms or suites

□ check if not included in project

□ check if not included in project

□ check if not included in project

□ check if not included in project

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2.1-7.2.6 insect screens
<table>
<thead>
<tr>
<th>Section</th>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
</table>
| 2.1-7.2.2.5 (3) | Window Size In Patient Rooms | (a) Minimum net glazed area be no less than 8% of required min. clear floor area of room served  
(b) Maximum 36 inches windowsill height above finished floor |
| 2.1-7.2.2.7 | GLAZING MATERIALS | (a) Glazing within 1 foot 6 inches of floor must be safety glass, wire glass or plastic break-resistant material |
| 2.1-7.2.2.8 (1)(c) | HANDWASHING STATIONS | (3) Handwashing station countertops made of porcelain, stainless steel, solid-surface materials or impervious plastic laminate assembly  
(a) Countertops substrate check if not included in project  
(b) Handwashing station casework check if not included in project  
(4) Handwashing station casework designed to prevent storage beneath sink  
(5) Provisions for drying hands  
(a) hand-drying device does not require hands to contact dispenser  
(b) hand-drying device is enclosed to protect against dust or soil & to ensure single-unit dispensing  
(6) Liquid or foam soap dispensers |
| 2.1-7.2.2.9 (1) | GRAB BARS | (2) Grab bars in toilet rooms used by patients of size anchored to sustain concentrated load 800 pounds  
(3) Ends of grab bars constructed to prevent snagging clothes of patients, staff & visitors |
| 2.1-7.2.2.10 | HANDRAILS | (1) Handrails installed on both sides of patient use corridors  
(3) Rail ends return to wall or floor  
(4) Handrail gripping surfaces & fasteners are smooth (free of sharp or abrasive elements) with 1/8-inch min. radius  
(5) Handrails have eased edges & corners  
(6) Handrail finishes are cleanable |
| 2.1-7.2.2.12 (1) | NOISE CONTROL | Recreation rooms, exercise rooms equipment rooms & similar spaces where impact noises may be generated are not located directly over patient bed areas  
| 2.1-7.2.2.14 (1) | DECORATIVE WATER FEATURES | No indoor unsealed water features |
| 2.1-7.2.3 | SURFACES | 2.1-7.2.3.1 FLOORING & WALL BASES | Flooring surfaces cleanable & wear-resistant for location  
(3) Smooth transitions provided between different flooring materials  
(4) Flooring surfaces including those on stairways are stable, firm & slip-resistant  
(5) Floors & wall bases of soiled workrooms, toilet rooms & other areas subject to frequent wet cleaning are constructed of materials that are not physically affected by germicidal or other types of cleaning solutions  
(7)(a) Floors are monolithic & integral coved wall bases are at least 6” high & tightly sealed to wall in rooms listed below  
(a) airborne infection isolation (AII) room & any anteroom  
(b) protective environment (PE) room & any anteroom  
(7)(b) Cesarean delivery room |
| 2.1-7.2.3.2 | WALLS & WALL PROTECTION | (1)(a) Wall finishes are washable  
(1)(b) Wall finishes near plumbing fixtures are smooth, scrubbable & water-resistant  
(2) Wall surfaces in areas routinely subjected to wet spray or splatter (e.g. environmental services rooms) are monolithic or have sealed seams that are tight & smooth  
(5) Wall protection devices & corner guards durable & scrubbable |
2.1-7.2.3.3 CEILINGS:
(1) Ceilings provided in all areas except mechanical, electrical & communications equipment rooms
(a) Ceilings cleanable with routine housekeeping equipment
(b) Acoustic & lay-in ceilings where used do not create ledges or crevices

2.1-7.2.4 FURNISHINGS:
2.1-7.2.4.1 Built-In Furnishings:
☐ check if not included in project
☐ upholstered with impervious materials in patient treatment areas

2.1-7.2.4.2 Window Treatments in Patient Rooms & Other Patient Care Areas:
(1) patient-controlled window treatments provided to allow for patient privacy & to control light levels & glare
(2) window treatments do not compromise patient safety
☐ easy for patients, visitors & staff to operate
(3) window treatments selected for ease of cleaning, disinfection or sanitation

2.1-7.2.4.3 Privacy curtains in patient rooms & other patient care areas are washable
☐ check if not included in project

2.1-8.2 HEATING VENTILATION & AIR-CONDITIONING (HVAC) SYSTEMS
Part 3/6.1 UTILITIES:
Part 3/6.1.1 Ventilation Upon Loss of Electrical Power:
☐ space ventilation & pressure relationship requirements of Tables 7.1 are maintained for AII Rooms, PE Rooms in event of loss of normal electrical power

Part 3/6.1.2 Heating & Cooling Sources:
Part 3/6.1.2.1 heat sources & essential accessories are provided in number & arrangement sufficient to accommodate facility needs (reserve capacity) even when any one of heat sources or essential accessories is not operating due to breakdown or routine maintenance
☐ capacity of remaining source or sources is sufficient to provide for domestic hot water & to provide heating for inpatient rooms

Part 3/6.1.2.2 Central cooling systems greater than 400 tons (1407 kW) peak cooling load
☐ check if not included in project
☐ number & arrangement of cooling sources & essential accessories is sufficient to support facility operation plan upon breakdown or routine maintenance of any one of cooling sources

Part 3/6.2 AIR-HANDLING UNIT (AHU) DESIGN:
Part 3/6.2.1 AHU casing is designed to prevent water intrusion, resist corrosion & permit access for inspection & maintenance

Part 3/6.3 OUTDOOR AIR INTAKES & EXHAUST DISCHARGES:
Part 3/6.3.1 Outdoor Air Intakes:
Part 3/6.3.1.1 located min. of 25 ft from cooling towers & all exhaust & vent discharges
☐ outdoor air intakes located such that bottom of air intake is at least 6'-0" above grade
☐ air intakes located away from public access
☐ all intakes are designed to prevent entrainment of wind-driven rain
☐ contain features for draining away precipitation
☐ equipped with birdscreen of mesh no smaller than 0.5 in

Part 3/6.3.1.3 intakes on top of buildings
☐ check if not included in project
☐ located with bottom of air intake min. 3'-0" above roof level

Part 3/6.3.1.4 intake in areaway
☐ check if not included in project
☐ bottom of areaway air intake opening is at least 6'-0" above grade
☐ bottom of air intake opening from areaway into building is at least 3'-0" above bottom of areaway
Part 3/6.3.2 Exhaust Discharges:

☐ check if not included in project

Part 3/6.3.2.1 ductwork within building is under negative pressure for exhaust of contaminated air (i.e. air from AII rooms) exhaust discharge outlets with contaminated air located such that they reduce potential for recirculation of exhausted air back into building.

Part 3/6.3.2.2 exhaust discharge outlets with contaminated air is arranged to discharge to atmosphere in vertical direction at least 10'-0" above adjoining roof level.

Part 3/6.4 FILTRATION:

Two filter banks for inpatient care (see Table 6.4)

Filter Bank No. 1: MERV 7
Filter Bank No. 2: MERV 14

Each filter bank with efficiency of greater than MERV 12 is provided with differential pressure measuring device to indicate when filter needs to be changed.

Part 3/6.4.1 Filter Bank No. 1 is placed upstream of heating & cooling coils

Part 3/6.4.2 Filter Bank No. 2 is placed downstream of all wet-air cooling coils & supply fan.

Part 3/6.5 HEATING & COOLING SYSTEMS:

☐ check if not included in project

Part 3/6.6.3 Radiant heating systems ☐ check if not included in project

ceiling or wall panels w/ exposed cleanable surfaces or radiant floor heating are provided in all inpatient units served by fully ducted return systems or fully ducted exhaust systems.

Part 3/6.7.1 Air DISTRIBUTION SYSTEMS:

heating & cooling coils are arranged such that spaces are served by fully ducted return systems or fully ducted exhaust systems.

Spaces that have pressure relationships required in tables 7.1 maintained in all modes of HVAC system operation.

Spaces that have pressure relationships required in tables 7.1 maintained in all modes of HVAC system operation.

Spaces served by return systems or exhaust systems.

Spaces served by inpatient facilities.

Part 3/6.7.2 Air DISTRIBUTION Devices:

supply air outlets comply with Table 6.7.2

Part 3/6.7.3 Smoke Barriers:

HVAC zones coordinated with compartmentation to minimize ductwork penetrations of fire & smoke barriers.

Part 3/6.8 ENERGY RECOVERY SYSTEMS:

☐ check if not included in project

Part 3/6.8.1 Located upstream of Filter Bank No. 2.

Part 3/6.8.2 Energy recovery systems with leakage potential ☐ check if not included in project

are designed to have no more than 5% of total supply airstream consisting of exhaust air.

Part 3/7 SPACE VENTILATION

Part 3/7.1.a Spaces ventilated according to Table 7.1

Air movement is from clean to less-clean areas.

Part 3/7.1a.3 Min. number of total air changes required for positive pressure rooms provided by full supply airflow is provided by full supply airflow.

Min. number of total air changes required for negative pressure rooms is provided by full exhaust airflow.

Part 3/7.1a.5 Air recirculation through room unit is provided by full supply airflow is provided by full exhaust airflow.

Air movement is from clean to less-clean areas.

Part 3/7.2 ADDITIONAL ROOM-SPECIFIC REQUIREMENTS:

Airborne Infection Isolation (AII) Rooms ☐ check if not included in project

All rooms have permanently installed device and/or mechanism to constantly monitor differential pressure between room & corridor.

Local visual means is provided to indicate whenever negative differential pressure is not maintained.
Part 3/7.2.1

___ Exhaust air grille or register in patient room is located directly above patient bed on ceiling or on wall near head of bed

___ Anteroom
   □ check if not included in project
   ___ AII room is at negative pressure with respect to anteroom
   ___ Anteroom is at negative pressure with respect to corridor

Part 3/7.4.1

___ Each C-Section Room has individual temperature control
___ C-Section Room is provided with primary supply diffuser array designed as follows:
   ___ airflow is unidirectional downwards & average velocity of diffusers is 25 to 35 CFM/ft²
   ___ diffusers are concentrated to provide airflow pattern over patient & surgical team
   ___ coverage area of primary supply diffuser array extends min. 12" beyond footprint of surgical table on each side
   ___ no more than 30% of portion of primary supply diffuser array is used for non-diffuser uses
   ___ additional supply diffusers provided within room outside of primary supply diffuser array
   □ check if not included in project
   each C-Section Room has at least two low sidewall return or exhaust grilles spaced at opposite corners or as far apart as possible with bottom of these grilles installed approximately 8" above floor

2.1-8.3

2.1-8.3.2.2 Panelboards:
(1) panelboards serving life safety branch circuits serve floors on which they are located & floors immediately above & below
(2) panelboard critical branch circuits serve floors on which they are located
(3) panelboards not located in exit enclosures or exit passageways

2.1-8.3.3

2.1-8.3.3.1 Essential electrical system or emergency electrical power
(1) essential electrical system complies with NFPA 99
(2) emergency electrical power complies with NFPA 99

2.1-8.3.4

2.1-8.3.4.2 Luminaires in wet areas (e.g. showers) have smooth cleanable shatter-resistant lenses & no exposed lamps

2.1-8.3.4.3(1) Reading light for each patient bed
(a) incandescent & halogen lights
   □ check if not included in project
   ___ placed or shielded to protect patient from injury
   ___ light source covered by diffuser or lens
   ___ flexible light arms
   □ check if not included in project
   ___ mechanically controlled to prevent lamp from contacting bed linen

2.1-8.3.4.3(2) Patient care unit corridors have general illumination with provisions for reducing light levels at night

2.1-8.3.5

2.1-8.3.5.1 Handwashing sinks & scrub sinks that depends on building electrical service for operation are connected to essential electrical system
□ check if not included in project

2.1-8.3.6

2.1-8.3.6.1 Receptacles In Corridors:
(1) duplex-grounded receptacles
   for general use installed 50'-0" apart or less in all corridors
   duplex-grounded receptacles
   for general use installed within 25'-0" of corridor ends
   receptacles in pediatric & psychiatric unit corridors are of tamper-resistant type
2.1-8.3.6.3 Essential Electrical System
Receptacles:
(1) cover plates for electrical receptacles supplied from essential electrical system are distinctly colored or marked for identification
(2) same color is used throughout facility

2.1-8.4 PLUMBING SYSTEMS
2.1-8.4.2 Plumbing & Other Piping Systems:
2.1-8.4.2.1(3) no plumbing piping exposed overhead or on walls where possible accumulation of dust or soil may create cleaning problem

2.1-8.4.2.5 Heated Potable Water Distribution Systems:
(2) heated potable water distribution systems serving patient care areas are under constant recirculation non-recirculated fixture branch piping max. length 25'-0"
(3)(a) no installation of dead-end piping (except for empty risers mains & branches for future use)
(3)(c) any existing dead-end piping is removed
☐ check if not included in project
(4)(a) water-heating system supplies water at temperatures & amounts indicated in Table 2.1-4

2.1-8.4.2.6 Drainage Systems:
(1)(a) drainage piping installed above ceiling of or exposed in electronic data processing areas & electric closets
☐ check if not included in project
☐ check if special provisions to protect space below from leakage & condensation
☐ check if not included in project
(1)(b) drip pan for drainage piping above ceiling of sensitive area accessible
☐ check if not included in project
☐ check if not included in project
☐ check if not included in project

2.1-8.4.3 PLUMBING FIXTURES:
2.1-8.4.3.1(1) Materials used for plumbing fixtures are non-absorptive & acid-resistant

2.1-8.4.3.2 Handwashing Station Sinks:
(1) designed with basins that will reduce risk of splashing to areas where direct patient care is provided & medications are prepared
(2) sink basins have nominal size of no less than 144 square inches
☐ sink basins have min. dimension 9 inches in width or length
(3) sink basins are made of porcelain, stainless steel or solid-surface materials
(5) water discharge point of faucets is at least 10 inches above bottom of basin
(7) anchored so that allowable stresses are not exceeded where vertical or horizontal force of 250 lbs. is applied
(8) sinks used by staff, patients, & public have fittings that can be operated without using hands (may be single-lever or wrist blade devices)
☐ check if not included in project
☐ check if not included in project
☐ check if not included in project
☐ check if not included in project
☐ check if not included in project
☐ check if not included in project
☐ check if not included in project

2.1-8.4.3.3 Showers & Tubs:
(1) nonslip surfaces

2.1-8.4.3.4 Ice-Making Equipment:
☐ copper tubing provided for supply connections to ice-making equipment

2.1-8.4.3.5 Clinical Flushing-Rim Sinks:
☐ check if not included in project
(1) trimmed with valves that can be operated without hands (may be single-lever or wrist blade devices)
(a)
(b) handles are at least 6 in. long
2.1-8.4.3.7 Bedpan-Rinsing Devices:
(1) bedpan-rinsing devices provided in each inpatient toilet room
(2) use cold water only

2.1-8.4.4 MEDICAL GAS & VACUUM SYSTEMS
Station outlets provided as indicated in Table 2.1-3

2.1-8.5.1 CALL SYSTEMS
2.1-8.5.1.1 Nurse call stations provided as required in Table 2.1-2
(2) Nurse call systems report to attended location with electronically supervised visual & audible annunciation as indicated in Table 2.1-2
(4) Call system complies with UL 1069 "Standard for Hospital Signaling & Nurse Call Equipment"
(5) Wireless nurse call system
☐ check if not included in project
☐ complies with UL 1069

2.1-8.5.1.2 Patient Call Stations:
(1) each patient sleeping bed except nursery beds provided with patient call station equipped for two-way voice communication (use of dual call station are permitted when beds are located adjacent to each other)
(2)(a) indicator light that remains lighted as long as voice circuit is operating
(2)(b) reset switch for canceling call
(3)(a) visible signal in corridor at patient’s door

2.1-8.5.1.3 Bath Stations:
(1) bath station that can be activated by patient lying on floor provided at each patient toilet, bathtub, or shower stall
(2) alarm in these areas can only be turned off at bath station where it was initiated
(2) shower/tub bath stations located 3'-0" to 4'-0" above floor within view of user & within reach of staff without need to step into shower or tub
(3) toilet bath stations located on the side of toilets within 12" of front of toilet bowl & 3'-0" to 4'-0" above floor

2.1-8.5.1.5 Emergency call stations are equipped with continuous audible or visual confirmation to person who initiated the code call

2.1-8.6.2 ELECTRONIC SURVEILLANCE SYSTEMS
☐ check if not included in project

2.1-8.6.2.2 monitoring devices are located so they are not readily observable by general public or patients

2.1-8.6.2.3 electronic surveillance systems receive power from essential electrical system