COMPLIANCE CHECKLIST

OP10: Endoscopy Facilities

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 2014 Edition of the FGI Guidelines for Design and Construction of Hospitals and Outpatient Facilities. 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 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)
- Joint Commission on the Accreditation of Health Care Organizations
- CDC Guidelines for Preventing the Transmission of Mycobacterium Tuberculosis in Health Care Facilities
- USP 797
- 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 Part II of the 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 symbols, unless otherwise directed in the checklist. If a functional space is not affected by a renovation project, the symbol "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.

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.

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).

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, and waste anesthesia gas disposal outlets (if required) are identified respectively by the abbreviations "OX", "VAC", "MA", & "WAGD".
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.

Facility Name:

DoN Project Number: (if applicable)

Facility Address:

Satellite Name: (if applicable)

Building/Floor Location:

Satellite Address: (if applicable)

Submission Dates:

Initial Date: 

Revision Date: 

Project Description:
ENDOSCOPY FACILITIES

3.1-1.2.2 PATIENT PRIVACY
   — Each facility design ensures appropriate levels
      of patient acoustic & visual privacy & dignity
      throughout care process

3.1-1.2.3 SHARED/PURCHASED SERVICES
   □ check if not included in project
   — Details of shared or purchased space and/or
     services indicated in Project Narrative
   — Waiver requests have been submitted for
     shared or purchased space (except as
     explicitly allowed below)

3.1-1.3.2 PARKING
   1.3-3.1.1 — Parking capacity sufficient to satisfy needs
              of patients, personnel & public

3.1-1.3.3 ENTRANCE
   — At grade level
   — Clearly marked
   — Located so patients need not go through other
     activity areas (public lobbies may be shared)

ACCESS
   140.209 — Facility is accessible to handicapped
              individuals

3.1-1.4 FACILITY LAYOUT
   — Precludes unrelated traffic in facility
   3.9-1.3.4.1 — Endoscopy procedure suite divided into
                  minimum of 3 major functional areas:
                  (1) — procedure room
                  (2) — instrument processing room
                  (3) — patient holding/preparation & recovery
                         room or area
   3.9-1.3.4.2 — Endoscopy procedure suite designed to
                  facilitate movement of patients & personnel
                  into, through & out of defined areas in suite

3.9-3 DIAGNOSTIC & TREATMENT AREAS
   3.9-3.1 — Examination/consultation room
   3.1-3.2.1 — provision made to preserve patient
                privacy from observation from outside
                exam room through open door
   3.1-3.2.2 — Space Requirements:
                (1) — min. clear floor area 80 sf
                (2) —

Ventilation:
   □ Min. 6 air changes per hour
### Architectural Requirements

(a) min. clearance 2'-8" at each side & at foot of exam table, recliner, or chair  
   --- exam table, recliner, or chair  
   shown with clearance zone  
   or  
(b) room arranged with exam table, recliner, or chair placed at an angle, closer to one wall than another, or against wall  
   --- Project Narrative explains why this room arrangement is proposed to accommodate type of patient served  
   --- alternate location shown for exam table, recliner, or chair  
   --- clearance zone with min. clearance 2'-8" at each side & at foot of alternate location

### Building Systems Requirements

**Power:**  
- Min. 8 receptacles  
- Min. 4 receptacles convenient to head of exam table

### Compliances

- **3.1-3.2.2.3** handwashing station  
- **3.1-3.2.2.4** documentation area for written or electronic documentation  

### 3.9-3.2.2

**Endoscopy procedure room**

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>min. clear floor area 200 sf</td>
</tr>
<tr>
<td>(2)</td>
<td>min. clearance 3'-6&quot; at each side, head &amp; foot of stretcher/table</td>
</tr>
</tbody>
</table>

**Ventilation:**  
- Min. 6 air changes per hour  
- No recirculating room units

**Power:**
- 8 receptacles

**Nurse Call System:**  
- Emergency staff assistance station

**Medical Gases:**  
- 1 OX, 3 VAC

### 3.9-3.2.6

**Patient toilet room**  
- separate from public use toilet  
- directly accessible from procedure room  
- directly accessible from pre-procedure & recovery patient care areas  

**Ventilation:**  
- Min. 10 air changes per hour

### 3.9-3.3.2

**Pre-procedure patient care area**

<table>
<thead>
<tr>
<th>Subsection</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>accommodates stretcher patients and/or seating for patients</td>
</tr>
<tr>
<td>(2)</td>
<td>under observation of nursing staff</td>
</tr>
<tr>
<td>(3)</td>
<td>at least one pre-procedure patient care station per procedure room</td>
</tr>
</tbody>
</table>

**Space Requirements:**  
- patient bays*  
  - check if not included in project  
  - min. clear floor area 60 sf  
  - min. 5'-0" between sides of patient beds/stretchers

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**Architectural Requirements**

- min. 4'-0" between sides of patient beds/stretchers & adjacent walls or partitions
- min. 3'-0" between foot of beds/stretchers & cubicle curtain patient cubicles*
- check if not included in project min. clear floor area 80 sf
- min. clearance 3'-0" between sides & foot of lounge chairs/stretchers & adjacent walls or partitions
- single-bed rooms
- check if not included in project min. clear floor area 100 sf
- min. clearance 3'-0" between sides & foot of lounge chairs/stretchers & adjacent walls or partitions

**Building Systems Requirements**

3.9-3.3.2.4 ___ Provisions made for patient privacy

3.9-3.3.2.5 Handwashing Stations:

3.1-3.6.5.1 ___ located in each room where hands-on patient care is provided

3.1-3.6.5.3 Handwashing Stations Serving Multiple Patient Care Stations:
- check if not included in project
- min. 1 handwashing station for every 4 patient care stations or fewer & for each major fraction thereof
- evenly distributed & provide uniform distance from 2 patient care stations farthest from handw. station

3.9-3.2.2.6 ___ Patient toilet room
- separate from public use toilet
- directly accessible from pre-procedure patient care areas

3.9-3.3.3 ___ Post-procedure recovery area

3.9-3.3.1 ___ at least one patient care station per procedure room for recovery

3.9-3.3.3.2 Space Requirements:
(1) min. clear floor area 80 sf for each bay or cubicle
(2) ___ min. clearance 5'-0" between patient stretchers or beds
(a) ___ min. clearance 4'-0" between stretchers or beds & adjacent walls or other fixed elements at stretcher/bed sides & foot

**Ventilation:**
- Min. 10 air changes per hour Table 7.1

**Medical Gases:**
- 1 OX, 1 VAC (portable equipment immediately accessible*) Table 3.1-3
Architectural Requirements

(c)  __ min. clearance 3'-0" from foot of stretcher or bed to closed privacy curtain

3.9-3.3.3.4  ___ provisions made for patient privacy

3.9-3.3.3.5  Handwashing Stations:

3.1-3.6.5.1  ___ located in each room where hands-on patient care is provided

3.1-3.6.5.3  Handwashing Stations Serving Multiple Patient Care Stations:

  (1)  ___ min. 1 handwashing station for every 4 patient care stations or fewer & for each major fraction thereof

  (2)  ___ evenly distributed & provide uniform distance from two patient care stations farthest from handwashing station

3.9-3.2.2.6  ___ Patient toilet room

  ___ separate from public use toilet

  ___ directly accessible from recovery patient care areas

Ventilation:

3.9-3.6  __ SUPPORT AREAS FOR ENDOSCOPY PROCEDURE SUITE

3.9-3.6.1  ___ Nurse or control station

  ___ located to permit visual observation of all traffic entering diagnostic & treatment areas

3.9-3.6.2  ___ Documentation area

  ___ accommodations for written or electronic documentation in procedure room & in pre-procedure & recovery patient care areas

3.9-3.6.6  ___ Medication safety zone

3.1-3.6.6.1(2)  ___ medication preparation room/area

  or

  ___ self-contained medication dispensing unit

  (a)  ___ located out of circulation paths to minimize distraction & interruption

  (c)  ___ work counters

  (d)  ___ task lighting

3.1-3.6.6.2

  (1)  ___ medication preparation room/area

  ___ check if not included in project

  ___ work counter

  ___ handwashing station

  ___ lockable refrigerator

  ___ locked storage for controlled drugs

  __ Min. 4 air changes per hour  Table 7.1

  __ Min. 10 air changes per hour  Table 7.1
<table>
<thead>
<tr>
<th><strong>Architectural Requirements</strong></th>
<th><strong>Building Systems Requirements</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>(b) Sharps Containers:</td>
<td></td>
</tr>
<tr>
<td>[ ] check if not included in project</td>
<td></td>
</tr>
<tr>
<td>___ placed at height that allows users to see top of container</td>
<td></td>
</tr>
<tr>
<td>(c) ___ space to prepare medicines in addition to any self-contained medicine-dispensing unit</td>
<td></td>
</tr>
<tr>
<td>(2) ___ self-contained medication dispensing units</td>
<td></td>
</tr>
<tr>
<td>[ ] check if not included in project</td>
<td></td>
</tr>
<tr>
<td>(a) ___ located at nurse station, in clean workroom or in an alcove</td>
<td></td>
</tr>
<tr>
<td>___ lockable unit to secure controlled drugs</td>
<td></td>
</tr>
<tr>
<td>(b) ___ handwashing station or hand sanitation located next to stationary medication-dispensing units</td>
<td></td>
</tr>
</tbody>
</table>

3.9-3.6.10 ___ Soiled workroom
3.9-3.6.15.1 ___ located in procedure area
___ clinical sink or equivalent equipment

3.9-3.6.10.2
(1) ___ sink
(2) ___ work surface
(3) ___ holding areas for trash, linen & other contaminated waste

3.9-3.6.11.2 ___ General equipment & supply storage
___ min. 25 sf per procedure room

3.9-3.6.11.3 (1) ___ Stretcher storage area
[ ] check if not included in project

3.1-3.6.11.3 Wheelchair Storage & Parking Space:
(1) ___ designated for at least one facility-owned wheelchair
[ ] check if not included in project
___ located out of required corridor width

(2) ___ designated area for wheelchair parking
___ located in non-public area
___ located out of any required egress width or other required clearance

3.9-3.6.11.4 ___ emergency equipment storage
___ located at both procedure & recovery areas

3.1-3.6.11.4 ___ readily accessible
___ under staff control

3.9-3.6.11.5 ___ Anesthesia equipment & supply storage
___ space for cleaning, testing & storing anesthesia equipment & supplies

Ventilation:
___ Min. 10 air changes per hour
___ Exhaust
___ Negative pressure

Table 7.1
Architectural Requirements | Building Systems Requirements
---|---
3.9-3.6.11.6 |  
(1) Medical gas storage  
(2) adequate space for supply & storage, including space for reserve cylinders  
(3) medical gas storage location protected as required in NFPA 99
3.9-3.6.12 |  
Environmental services room  
exclusively for endoscopy procedure suite
3.1-5.5.1.2 |  
(1) service sink or floor-mounted mop sink  
(2) provisions for storage of supplies & housekeeping equipment  
(3) handwashing station or hand sanitation dispenser
Ventilation:  
Min. 10 air changes per hour Table 7.1  
Exhaust  
Negative pressure
3.9-3.6.15 |  
Fluid waste disposal facilities in recovery area
3.9-3.6.15.2 |  
(1) toilet equipped with bedpan washer in patient toilet room  
or  
(2) separate clinical sink
3.9-3.7 | SUPPORT AREAS FOR NURSING STAFF
3.9-3.7.1 |  
Staff changing areas (may be unisex)
3.9-3.7.1.2 |  
(1) lockers  
(2) toilets  
(3) handwashing stations  
(4) space for changing clothes
3.9-3.7.2 |  
Staff lounge & toilet facilities  
check if not included in project  
only if less than two procedure rooms
3.1-6.4.1 |  
Staff lounge  
check if not included in project  
handwashing station
3.9-3.8 | SUPPORT AREAS FOR PATIENTS
3.9-3.8.1 |  
Patient changing area
3.9-3.8.1.1 |  
(1) lockers  
(2) toilet  
(3) clothing change or gowning area  
(4) space for administering medications
3.9-3.8.1.2 |  
provisions for securing patients  
personal effects
Architectural Requirements

PATIENT SUPPORT FACILITIES

3.9-4

3.9-4.1

___ Laboratory services

3.1-4.1.2.1

___ all lab tests are performed on-site

___ separate dedicated room

or

___ only CLIA waived tests are performed

___ lab room or open lab area

3.1-4.1.2.2

___ work areas sized for equipment specifications

___ equipment specifications have been submitted

(a) ___ work counter

(b) ___ laboratory sink

(c) ___ access to tele/data service

(d) ___ electrical service

3.1-4.1.2.3

___ handwashing station

3.1-4.1.3

Support Areas for Laboratory:

3.1-4.1.3.1

___ storage cabinet or closet

3.1-4.1.3.2

___ specimen collection facilities

(1) ___ urine or feces specimens collection

___ check if not included in project

___ toilet room with staff-controlled access

___ ventilation: Min. 10 air changes per hour Table 7.1

(a) ___ handwashing station

(b) ___ blood collection facilities

(c) ___ seating space for patients

(d) ___ reclining chair or gurney for patients who become unsteady

3.9-5

GENERAL SUPPORT FACILITIES

3.9-5.1

___ Instrument processing room

3.9-5.1.1.4

Layout:

(1) ___ allows for flow of instruments from decontamination area to clean work area & then to storage in separate location

(2) ___ min. clearance 3'-0" between decontamination area & clean work area

3.9-5.1.2

___ decontamination area

3.9-5.1.2.1

___ work counter

3.9-5.1.2.2

___ access to handwashing station within instrument processing room

3.9-5.1.2.3

___ utility sink

3.9-5.1.3

___ clean work area

3.9-5.1.3.1

(1) ___ countertop with space for equipment used

(2) ___ handwashing station

(3) ___ storage for supplies

Ventilation:

___ Min. 6 air changes per hour Table 7.1

___ Negative pressure

___ Exhaust

___ No room recirculating units

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**Architectural Requirements**

3.9-5.3.3 Storage for clean endoscopes

(2) __ storage cabinet located in instrument processing room

(3) __ min. clearance 3'-0" from any sink

located so staff do not have to cross decontamination area to reach it

or

(4) __ enclosed storage separate from instrument processing room

3.9-5.5.1 Environmental services room

3.1-5.5.1.1 __ min. one ES room per floor

3.1-5.5.1.2

(1) __ service sink or floor-mounted mop sink

(2) __ provisions for storage of supplies & housekeeping equipment

(3) __ handwashing station or hand sanitation dispenser

**Building Systems Requirements**

Ventilation:

__ Min. 10 air changes per hour  
__ Exhaust  
__ Negative pressure

**PUBLIC AREAS**

3.9-6.2 __ Vehicular drop-off and pedestrian entrance

3.9-6.2.1 __ Reception

3.9-6.2.2 __ Waiting space

3.9-6.2.3 __ Public toilets

3.9-6.2.4 __ Public telephones

3.9-6.2.5 __ Provisions for drinking water

**ADMINISTRATIVE AREAS**

3.9-6.3 __ Interview space for private interviews relating to admission (may be combined with multipurpose room)

3.9-6.3.2 __ separate from public & patient areas

3.9-6.3.2 __ Offices for business transactions

3.9-6.3.4 __ Multipurpose room or consultation room

3.9-6.3.5 __ Medical records

3.9-6.3.5.1 __ restricted to staff access

**SUPPORT AREAS FOR ADMINISTRATIVE STAFF**

3.9-6.4 __ Staff storage facilities

3.9-6.4.1 __ locking drawers and/or cabinets for personal effects of staff
### Architectural Details & MEP Requirements

#### 3.1-7.2.2 ARCHITECTURAL DETAILS

<table>
<thead>
<tr>
<th>Code Requirement</th>
<th>Details</th>
</tr>
</thead>
</table>
| **3.1-7.2.2.1** Corridor Width: |IBC 1018.2  
- Min. 44" except in corridors used to transport patients on stretchers  
- Compliance of corridor width with State Building Code is established in submitted Code Review Sheet  
- Min. 72" in corridors used to transport patients on stretchers |
| **421 CMR 6.00** Corridors include turning spaces for wheelchairs |
| **3.1-7.2.2.2** Ceiling Height: |IBC 1018.2  
- Min. 7'-10" (except in spaces listed below in this section)  
- Min. 7'-6" in corridors  
- Min. 7'-6" in normally unoccupied spaces  
- Min. height 7'-0" from lowest protruding element of equipment in radiography, procedure & operating rooms |
| **3.1-7.2.2.3** Doors & Door Hardware: |IBC 1018.2  
- All doors between corridors, rooms, or spaces subject to occupancy of swing type or sliding doors  
- Sliding doors  
- Check if not included in project  
- No floor tracks in patient care areas  
- Door provides stretcher access  
- Min. clear width 45.5"  
- Min. clear height 83.5"  
- Door does not provide stretcher access  
- Door to room used by patients min. clear width 32" |
| **421 CMR 26.00**  |
| **3.1-7.2.2.8** Handwashing Stations: |IBC 1018.2  
- Anchored to support vertical or horizontal force of 250 lbs.  
- Counter-Mounted Sinks:  
  - Countertops made of porcelain, stainless steel, or solid surface materials  
  - Plastic laminate countertops  
  - Check if not included in project  
  - At minimum substrate  
  - Marine-grade plywood with impervious seal  
- No storage casework beneath sink  
- Provisions for drying hands at all handwashing stations except hand scrub facilities  
- Hand-drying device does not require hand contact  
- Hand-drying provisions enclosed to protect against dust or soil  
- Liquid or foam soap dispensers |
| **3.1-7.2.2.9** Grab Bars: |IBC 1018.2  
- Anchored for concentrated load of 250 lbs.  
- Bariatric design  
- Check if not included in project  
- Length of rear wall grab bars 44" |
| **3.1-7.2.3** SURFACES |
| **3.1-7.2.3.1** Flooring & Wall Bases: |IBC 1018.2  
- Selected flooring surfaces cleanable & wear-resistant for location  
- Smooth transitions between different flooring materials  
- Flooring surfaces, including those on stairways, stable, firm & slip-resistant  
- Carpet provides stable & firm surface  
- Floors & wall bases materials in all areas subject to frequent wet cleaning are not affected by germicidal cleaning solutions  
- Monolithic floors & wall bases in operating rooms & procedure rooms  
- Integral coved base min. 6" high  
- Monolithic floors & wall bases in endoscopy instrument processing rooms  
- Integral coved base min. 6" high |
| **MDPH/DHCFLC 07/15 OP10** |
3.1-7.2.3.1(5)  Monolithic floors & wall bases in IV & chemotherapy preparation rooms integral coved base min. 6" high
3.1-7.2.3.1(5)  Monolithic floors & wall bases in airborne infection isolation rooms integral coved base min. 6" high
3.1-7.2.3.2  Walls & Wall Protection:
(1)(a)  Wall finishes washable
(1)(b)  Wall finishes in vicinity of plumbing fixtures smooth, scrubbable & water-resistant
(2)  Wall surfaces in areas routinely subjected to wet spray or splatter are monolithic or have sealed seams
(4)  No sharp protruding corners
(5)  Corner guards durable & scrubbable
3.9-7.2.3.3  Ceilings:
(1)  ceiling finishes in endoscopy procedure rooms capable of withstanding cleaning with chemicals & without crevices
(a)  lay-in ceiling
   □ check if not included in project
   □ gasketed or clipped down & cleanable
(b)  no perforated, tegular, serrated, cut, or highly textured tiles
3.9-7.2.4  Furnishings:
3.9-7.2.4.2  Countertops & Casework in Instrument Processing Rooms:
(1)  made of materials that are impervious to staining & cleaning chemicals
(2)  min. 12" high backsplashes
3.1-8.2  HVAC SYSTEMS
4/6.3.1  Outdoor Air Intakes:
4/6.3.1.1  Located min. 25 feet from cooling towers & all exhaust & vent discharges
        Bottom of air intake is at least 6'-0" above grade
        Roof Mounted Air Intakes:
           □ check if not included in project
           □ bottom min. 3'-0" above roof level
4/6.4  Filtration:
        □ Filter banks conform to Table 6.4
4/6.7  Air Distribution Systems:
4/6.7.1  Ducted return or exhaust systems in spaces listed in Table 7.1 with required pressure relationships
        Ducted return or exhaust systems in recovery rooms
4/7  Space Ventilation:
4/7.1  Spaces ventilated per Table 7.1
4/7.1  Air movement from clean areas to less clean areas
        □ Min. number of total air changes indicated either supplied for positive pressure rooms or exhausted for negative pressure rooms
        □ Recirculating room HVAC units
           □ check if not included in project
           □ each unit serves only single space
           □ min. MERV 6 filter for airflow downstream of cooling coils
3.1-8.2.1.1(5)  Acoustical Considerations:
        □ Equipment location or acoustic provisions limit noise associated with outdoor mechanical equipment to 65 dBA at building façade
3.1-8.2.1.2  Ventilation & Space-Conditioning:
(1)  All rooms & areas used for patient care have provisions for ventilation
(2)  Natural ventilation only allowed for non sensitive areas via operable windows
        □ Mechanical ventilation provided for all rooms & areas in facility in accordance with Table 7.1 of Part 4
3.1-8.3  ELECTRICAL SYSTEMS
3.1-8.3.2  ELECTRICAL DISTRIBUTION & TRANSMISSION
3.1-8.3.2.1  Switchboards Locations:
(1)  □ located in areas separate from piping & plumbing equipment
     □ not located in rooms they support
     □ accessible to authorized persons only
     □ easily accessible
     □ located in dry, ventilated space free of corrosive gases or flammable material
3.1-8.3.3.1  □ Emergency electrical service conforms with NFPA 70, NFPA 99, NFPA 101, NFPA 110 & NFPA 111
3.1-8.3.4  LIGHTING
3.1-8.3.4.3(1)  □ Portable or fixed examination light in exam rooms & treatment rooms
3.1-8.3.6  ELECTRICAL RECEPTACLES
3.1-8.3.6.2  □ Receptacles in patient care areas conform to Table 3.1-1
3.1-8.3.7 **CALL SYSTEMS**

- Nurse call stations conform to Table 3.1-2

3.1-8.4 **PLUMBING SYSTEMS**

3.1-8.4.2.5 **Heated Potable Water Distribution Systems:**

- Systems serving patient care areas are under constant recirculation
- Non-recirculated fixture branch piping does not exceed 25'-0" in length
- No dead-end piping
- Water-heating system has supply capacity at minimum temperatures & amounts indicated in Table 2.1-3

3.1-8.4.3 **PLUMBING FIXTURES**

3.1-8.4.3.1 **Handwashing Station Sinks:**

- Materials material used for plumbing fixtures non-absorptive & acid resistant
- Basins reduce risk of splashing to areas where direct patient care is provided, sterile procedures are performed & medications are prepared
- Basin min. 144 square inches
- Min. dimension 9 inches
- Made of porcelain, stainless steel, or solid-surface materials
- Water discharge point of faucets at least 10 inches above bottom of basin
- Anchoring for sinks withstands min. vertical or horizontal force of 250 lbs
- Fittings operated without using hands for sinks used by staff, patients & public

(a) blade handles or single lever

- min. 4 inches long
- provide clearance required for operation

(b) sensor-regulated water fixtures

- meet user need for temperature & length of time water flows designed to function at all times & during loss of normal power

3.1-8.4.3.5 Clinical Sinks:

- check if not included in project

- Trimmer with valves that can be operated without hands
- Handles min. 6 inches long
- Integral trap wherein upper portion of water trap provides visible seal

3.1-8.4.4 **MEDICAL GAS & VACUUM SYSTEMS**

- Station outlets provided as indicated in Table 3.1-3

3.1-8.7.2 **ELEVATORS**

3.1-8.7.2.1 **Outpatient facility located on more than one floor or on floor other than an entrance floor at grade level**

- at least one elevator

- Outpatient facility located on entrance floor at grade level