

ASHRAE 514 Resource: Checklists for Healthcare Facilities

The following checklists have been created to support healthcare facility compliance with **ANSI/ASHRAE Standard 514-2023**, *“Risk Management for Building Water Systems: Physical, Chemical, and Microbial Hazards.”*

This resource is intended to support facility Water Management Teams as they review the relevant environments and equipment types within their facility to assess both risk levels and appropriate water treatment solutions.

- Refer to *Appendix G, Table G-1 Considerations for Water Safety—Building and General Applications* [starting on pg. 59] for specific guidance on evaluating and treating each environment and equipment type.

Source: ANSI/ASHRAE Standard 514-2023, Appendix G, Table G-1 Considerations for Water Safety—Building and General Applications.

ASHRAE 514 Checklist:

Healthcare Environments

HOSPITALS

General Inpatient Care

- ☐ General care (patient room)
- ☐ Airborne infection isolation (patient room)
- ☐ Intensive care (patient room)
- ☐ OB nursery and NICU
- ☐ Obstetric-LDRP (patient room) including jetted tubs
- ☐ Protective environment (patient room)

Specialized Patient Care

- ☐ Cardiopulmonary and respiratory therapy
- ☐ Dialysis
- ☐ Infusion therapy
 - ☐ Chemotherapy
 - ☐ Nuclear
 - ☐ Hematology/Oncology
- ☐ Physical therapy
 - ☐ Spas/Fitness areas
 - ☐ Therapy tubs, pools, showers
 - ☐ Medical wellness spas
- ☐ Protective environments (PE) treatment (not patient room)
 - ☐ Bone marrow transplant
 - ☐ Burn units
 - ☐ Solid
 - ☐ Organ transplant
- ☐ Specialty care
 - ☐ Cardiology
 - ☐ Gastrointestinal
 - ☐ Pulmonary (includes Bronchoscopy)
- ☐ Surgery
 - ☐ ORs general and specialized
 - ☐ Emergency – trauma
 - ☐ Procedure rooms
 - ☐ Class 2 and 3 imaging rooms

Clinical Support Services

- ☐ Laboratory
- ☐ Pharmacy

Facility Support Services

- ☐ Central/Decentralized processing services

ASHRAE 514 Checklist:

Healthcare Environments (continued)

OUTPATIENT

Specialized Outpatient Facilities

- ☐ Cardiopulmonary and respiratory therapy
- ☐ Dialysis
- ☐ Infusion therapy
 - ☐ Chemotherapy
 - ☐ Nuclear
 - ☐ Hematology/Oncology
- ☐ Physical therapy
 - ☐ Spas/Fitness areas
 - ☐ Therapy tubs, pools, showers
 - ☐ Medical wellness spas
- ☐ Protective environments (PE) treatment (not patient room)
 - ☐ Bone marrow transplant
 - ☐ Burn units
 - ☐ Solid
 - ☐ Organ transplant
- ☐ Specialty care
 - ☐ Cardiology
 - ☐ Gastrointestinal
 - ☐ Pulmonary (includes Bronchoscopy)

- ☐ Surgery
 - ☐ ORs general and specialized
 - ☐ Emergency – trauma
 - ☐ Procedure rooms
 - ☐ Class 2 and 3 imaging rooms

General Outpatient Facilities

- ☐ Birthing centers obstetric-LDRP (including jetted tubs)
- ☐ General patient clinics (including urgent care)
- ☐ Dental care
 - ☐ Surgical
 - ☐ Nonsurgical

Clinical Support Facilities

- ☐ Laboratory
- ☐ Pharmacy

Facility Support Services

- ☐ Central processing services

RESIDENTIAL HEALTH CARE

- ☐ Long-term care / Skilled nursing
- ☐ Rehabilitation
- ☐ Assisted living / Memory care
- ☐ Behavioral health

ASHRAE 514 Checklist:

Devices / Equipment / Components

MEDICAL DEVICES

- ☐ Birthing tubs, pools
- ☐ Dental unit waterlines
- ☐ Extracorporeal membrane oxygenation (ECMO) devices
- ☐ Heater-cooler devices
- ☐ Hydrotherapy tanks and pools
- ☐ Patient / Resident showers
- ☐ Patient / Resident sinks
- ☐ Respiratory care devices that use water for filling and / or cleaning
 - ☐ Nebulizers
 - ☐ Continuous positive airway pressure (CPAP)
- ☐ Respiratory care devices that use water for filling and / or cleaning:
 - ☐ Nebulizers
 - ☐ Continuous positive airway pressure (CPAP)
- ☐ Reusable medical devices:
 - ☐ Endoscopes
 - ☐ Arthroscopes
 - ☐ Instruments
- ☐ Spray hoppers
- ☐ Water baths used for thawing or warming materials

OTHER EQUIPMENT AND COMPONENTS

- ☐ Decorative water features:
 - ☐ Decorative fountains
 - ☐ Fish tanks
 - ☐ Water walls
- ☐ Electronic sensor faucets
- ☐ Faucet aerators
- ☐ Humidifiers
- ☐ Ice machines

Questions?

Contact Brianne McGuire at brianne.mcguire@nephros.com for additional information or to arrange continued training.