DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
OFFICE OF STATEWIDE HOSPITAL PLANNING AND DEVELOPMENT

CLASS 1 IMAGING ROOM SUMMARY CHECKLIST

Facility Name:			
OSHPD Project Number:			
Facility Number:		Date:	

Class 1 Imaging includes diagnostic and non-invasive procedures.	
Diagnostic examination only (Exam Room)	
	1. Minimum Room Size = 100 square feet, minimum width = 8'-0" (1224.4.4.1.1).
	2. A minimum clearance of 3 feet shall be provided around the imaging equipment (11B-805.4) and turning space complying with 11B-304 shall be provided within the room.
	3. More space may be required for the specific procedure modality.
Diagnostic and non-invasive procedures (Treatment Room)	
	1. Minimum Room Size = 120 square feet, minimum width = 10'-0" (1224.4.4.1.2).
	2. Minimum of 3 feet required between the sides and foot of the exam/gantry table and any wall or other fixed obstruction. Turning space complying with 11B-304 shall be provided within the room.
	3. More space may be required for the specific procedure modality.
Meets basic finish criteria in Section 1224.4.11:	
	1. Floors shall be smooth, waterproof, and durable (1224.4.11.1).
	2. Wall finishes shall be washable (1224.4.11.3-1).
	3. Ceiling shall be cleanable with the use of routine housekeeping equipment. Acoustic and lay-in ceiling, where used, shall not create ledges or crevices (1224.4.11.4).

Unrestricted area accessed from an unrestricted area (e.g., Radiological/Diagnostic Imaging Service Space internal circulation corridor). (Table 1224.4.11.4a).	
Handwashing station required in the Class 1 Imaging Room (1224.18.1-6-b).	
Imaging Modality:	
	1. Fluoroscopy / still x-ray – See specific imaging requirements 1224.18.1-1 & 3.
	a. Table gantry / wall bucky
	b. C-Arm
	2. Computed Tomography (CT) Scanner – See specific imaging requirements 1224.18.3.
	3. Magnetic Resonance Imaging (MRI) – See specific imaging requirements 1224.18.4.
	4. Ultrasound – See specific imaging requirements 1224.18.5.
	5. Mammography – See specific imaging requirements 1224.18.6.
HVAC requirements – CMC Table 4-A:	
	1. Standard diffuser & return air grilles w/ (2) outside air / (6) total air changes per hour.
	2. Pressure Differential: No requirement (NR)
Medical Gas: No requirement (unless required by specific Service Space such as Emergency)	
Electrical: Category 2 (General Care) space - CEC Article 517.18(B)	
	1. Minimum of (8) receptacles
	2. Critical Branch and Normal Branch circuits with a least one receptacle on each.
Anesthesia/Sedation: Minimal sedation	
Pre- post-procedure: point-of-care in procedure room.	

Radiation Protection – As specified by certified physicist – CBC Section 1224.18.1.1.	
	1. Control alcove with view window – 18” min solid partition between window and outside edge.
	2. Control room where required by specific imaging modality.
Support Spaces:	
	1. Dressing Room facilities (1224.18.7.2)
	2. Patient toilet(s) located in the radiological/diagnostic imaging space provided in addition to toilets dedicated to specific procedure rooms. (1224.18.7.1).
	3. Office or other suitable area for viewing and reporting radiographic examination. (1224.18.1-4).
	4. Storage spaces for all image equipment, supplies, and copies of reports. (1224.18.1-5).
	5. Staff toilet room(s) internal to the service space with three or more imaging/procedure rooms. (1224.18.7.3).
	6. Clean supply (1224.4.4.6.1) and soiled holding (1224.4.4.7.1) are permitted to be shared with adjacent service spaces.
	7. Locked storage for medications and drugs (1224.18.7.5) may be a self-contained medication dispensing unit located in a nurse station, clean utility room, or in an area where access is under the monitoring and control of nursing staff. (1224.4.4.4.2).
Specific Imaging Modalities	
In addition to the basic requirements for Class 1 Imaging Rooms, specific requirements apply to following Imaging Modalities:	
<u>Fluoroscopy</u>	
	1. One fluoroscopy room, or CT room on approval of Licensing Agency, which can also provide x-ray examination services is required for licensure.
	2. A patient toilet room shall adjoin and be directly accessible to each fluoroscopy room.

Computed Tomography (CT) Scanning	
	1. CT scan spaces shall accommodate the equipment with a minimum of 3 feet on the sides and foot of the equipment as well as required service clearance at the rear.
	2. A control room or alcove shall be provided that is designed to accommodate the computer and other controls for the equipment. A view window shall be provided to permit view of the patient.
	3. A patient toilet room readily accessible to the procedure room shall be provided.
Magnetic Resonance Imaging (MRI)	
	1. The procedure room shall accommodate the equipment with a minimum of 3 feet on all sides of the equipment.
	2. A control room or alcove shall be with full view of the patient in the MRI scanner. The control console shall be positioned so the operator has a full view of the approach and entrance to the MRI scanner room.
	3. An anteroom or area visible from the control room shall be located outside the MRI scanner room so that patients, health care personnel and other employees must pass through it before entering the scanning area and control room. The room or area shall be outside the restricted areas of the MRI's magnetic field.
	4. Safety Zones One through Four shall be identified.
	a. Zone One consists of all areas freely accessible to the general public. This zone includes the entrance to the MR facility.
	b. Zone Two acts as a buffer between Zone One and the more restrictive Zone Three. Patients are under the general supervision of MR personnel. Zone Two may include the reception area, dressing room and interview room.
	c. Zone Three should be restricted by a physical barrier. The MR control room and/or computer room are located within Zone Three.
	d. Zone Four is strictly the area within the walls of the MR scanner room. Access into the MR scanner room should only be available by passing through Zone Three.
	5. An imaging equipment room shall be provided if needed for the operation of the MRI.

	6. A handwashing station shall be immediately accessible to the MRI scanner room.
	7. Wall, floor and ceiling assemblies shall accommodate the installation of required radio frequency (RF)-shielded assemblies. All doors, windows and penetrations into the RF-shielded enclosure shall be RF-shielded. In addition to RF-shielding, individual sites may also require magnetic shielding on some or all surfaces to contain portions of the magnetic field not contained by the RF shield.
	8. MRI rooms shall be clearly marked with a red light and lighted sign stating: “The Magnet is On”. This light and sign are to be lighted at all times and have a backup energy source to remain illuminated for at least 24 hours in the event of a loss of power.
	9. Facilities shall use finishes or markings to identify the critical values of the magnetic field surrounding the MRI scanner, including the 5-gauss exclusion zone or other magnetic field strength values that may impair the operation of equipment.
	10. Where superconducting MRI scanners are installed, an insulated cryogen quench exhaust pipe as well as room exhaust and pressure equalization shall be provided to protect occupants in the event of a cryogen breach.
<u>Ultrasound</u>	
	1. Rooms used for ultrasound examination/treatment shall have a minimum clear floor area of 120 square feet.
	2. A minimum clear dimension of 3 feet shall be provided on three sides of the table/stretcher.
	3. A handwashing station shall be provided within the exam room.
	4. A patient toilet shall be directly accessible to the ultrasound exam room. The patient toilet may be permitted to serve more than one ultrasound exam room. If exams performed are limited to cardiology, vascular, breast ultrasound or used only for image guided procedures, then the toilet is not required to have direct access.
	5. If provided, a processing room shall contain distinct areas for cleaning and decontaminating instruments. The cleaning area shall provide for flow of instruments from the contaminated area to the clean area and then to storage. The decontamination area shall be equipped with the following:
	a. One freestanding handwashing station

	b. Work counter space(s)
	c. Separate storage room or cabinets for HLD probes.
Mammography	
	1. Mammography rooms shall be a minimum of 100 square feet.
	2. Each x-ray room shall include a shielded control alcove. For mammography machines with built-in shielding for the operator, omission of the alcove shall be permitted when approved by the certified physicist.
	3. A handwashing station shall be provided within the procedure room.