

Specification of Radiation Apparatus Room

Radiation apparatus room	Radiation apparatus	Type		
		Use		
		Number of units		
		Performance		
	Shield, etc.			
	Alarm device			
Workroom where radioactive substances are handled	Workroom	Structure and material	Floor	
			Wall	
		Local exhaust ventilation system etc.		
		Radioactive substance handled		
		Outline of work process		
		Protective equipment, etc.		
	Contamination inspection site	Inspection facility		
		Body washing facility		
		Dressing room facility		
	Storage facility			
Type, model and number of units of radiation measuring equipment				

Notes:

1. "Radiation apparatus room"

- (1) If two or more radiation apparatus rooms are installed, fill in by classification matters pertaining to each room.
- (2) For "Type," fill in the applicable item based on the following classifications:
 - X-ray apparatus: X-ray apparatus for medical use, X-ray apparatus for industrial use
 - Accelerator of charged particles: Cyclotron, betatron, synchrotron, synchrocyclotron, Van-de-Graaff accelerator, Cockcroft-Walton accelerator, linear accelerator, other
 - Apparatus mounted with radioactive substances: Gamma ray radiation apparatus, equipment loaded with other radioactive substances
 - X-ray tube, kenotron gas purging device or apparatus examining these devices associated with generating X-rays.
- (3) For "Use," fill in the applicable items based on the following classifications:
 - X-ray apparatus for medical use: Diagnosis, treatment
 - X-ray apparatus for industrial use: Non-destructive inspection (photography), non-destructive inspection (fluoroscopy), other
 - Accelerator of charged particles: Medical use, non-destructive inspection, other research
 - Apparatus mounted with radioactive substances: Medical use, non-destructive inspection, other research, other
- (4) For "Performance," fill in the following items.
 - X-ray apparatus: Rated power output
 - Apparatus for acceleration of charged particles: Type of radioactive rays, maximum energy generated (MeV)
 - Equipment loaded with radioactive substances: Type and quantity (becquerel) of radioactive isotopes contained in the loaded radioactive substance
- (5) For "Shield, etc.," describe the structure and material of partitions at the operation site and facility room, such as walls, floor, etc.
- (6) For "Alarm device," outline the alarm functions or alarm measures.

2. "Workroom"

- (1) If two or more workrooms set forth in paragraph (1) of Article 22 of the fill in by classification matters pertaining each room. Ordinance on Prevention of Ionizing Radiation Hazards are installed.
 - (2) For "Structure and material," describe the structure, material and finishing method for the floor and walls (including waist panel).
 - (3) For "Local exhaust ventilation system, etc.," outline the equipment (glove box, hood, etc.) connected to each system as regards local exhaust equipment and air exhaust flow per minute; outline the apparatus used as regards sealing the emission source.
 - (4) For "Radioactive substance handled," fill in the name of radioactive substance handled in each workroom; distinguish between solid, liquid or vapor; fill in the type and quantity of radioactive isotopes contained in such substance.
 - (5) For "Protective equipment, etc.," fill in the type, model and number of units of protective equipment provided (dust mask, gas mask, hose mask, oxygen respirator, etc.), and the number of units of protective clothing, protective gloves, protective shoes, etc.
3. For "Contamination inspection site," describe the availability and outline of each facility.
 4. For "Storage facility," outline its structure, material, capacity, etc.
 5. For "Type, model and number of units of radiation measuring apparatus," describe the radiation measuring apparatus other than that indicated in "Contamination inspection site" such as one ○○ type survey meter, three film badges, etc. If measures facilitating use of radiation measuring apparatus are taken, outline such measures.