

RoHS--JFMDA Generic exemption proposal (Final version / 7MAR2006)

Technical Category	Purpose	Substance1	Substance2	Instrument or equipment name (examples)	Contained Parts			
Radiation	[No.1] Radiation shield for exposure protection	Pb	Pb	X-ray and imaging systems for Category 8	Radiation shield for devices using X-ray application			
				(e.g. X-ray diagnostic systems(including the therapeutic systems, mobile X-ray systems, Dental X-ray systems)				
				(e.g. CT systems)				
				(e.g. X-ray systems)		X-ray Flat Panel Imager		
				(e.g. X-ray camera and Imaging camera)				
				(e.g.Computed radiography systems)		Plastic sheet containing radiation-shielding lead compound		
	[No.2] Radiation shield for noise reduction	Pb	Pb/PbO	X-ray systems for Category 8	Xray tube, collimator, RF table, grid, Capillary plate, etc			
				(e.g. X-ray diagnostic systems(including the therapeutic systems, mobile X-ray systems, Dental X-ray systems)				
				(e.g. CT system)		Xray tube, etc.		
				(e.g. X-ray camera and Imaging camera)		Grid, etc.		
				(e.g. XrayII).		Plastic sheet containing radiation-shielding lead compound		
				(e.g.Computed radiography systems)				
	(e.g. X-ray system)	Lead foil contained in the cassette						
	(e.g.Related items & accessories (devices, appliances, parts))							
	[No.3] Radiation signal conversion (sensitivity)	Pb	PbI2 PbO	X-ray diagnostic systems	X-ray Flat Panel Imager, X-ray line sensor			
				X-ray diagnostic systems				
			Cd	CdTe/CZT(CdZnTe)	SPECT(Single Photon Emission Computed Tomography)	X-ray Flat Panel Imager, X-ray line sensor		
					PET(Positron Emission Tomography)			
CdWO4 CdS			CT system, Image Processor Systems (Bone densitometry systems)	X-ray diagnostic systems,CT system	Radiation detectors			
				Nuclear Medicine system				
[No.4-1] Lead in glass for radiation signal amplification	Pb	PbO	X-ray diagnostic systems	Image intensifier				
			X-ray systems for Category 8					
			X-ray diagnostic systems		X-ray image intensifier			
			[No.4-2] Lead in glass for radiation generator		Pb	PbO	X-ray diagnostic systems	Xray tube
							CT systems	
			[No.5] Cooling for anode (lubrication)		Pb	Pb	X-ray diagnostic systems	Xray tube bearing
[No.6] X-ray spectrometry	Pb	Pb	PbST(Lead stearate)	CT systems	Xray tube bearing			
UV(Ultra violet) /Visible	[No.8] Physical principle of the method							
	[No.9] Photon amplification	Pb	Pb	Endoscope	Photo-sensitive tubes (e.g. Image Intensifier (II))			
NIR(Near infrared) /IR(Infrared)	[No.10] NIR/IR signal conversion (sensitivity)	Pb	PbS	In-vitro Diagnostics Clinical instruments	PbS detector of infrared rays			
			PbSe	Device for monitoring the expiration	PbSe detector of infrared rays			
		Hg	HgCdTe	Image Processor Systems(Medical thermo-graphic image sensor)	(HgCdTe) detector of infrared rays			
		Cd	HgCdTe	Image Processor Systems(Medical thermo-graphic image sensor)	(HgCdTe) detector of infrared rays			
Superconduction	[No.11] Cryogenic performance	Pb	Pb	MRI(magnetic resonance imaging)system	Refrigerator,Freezer			
	[No.12] Low resistance connection under ultra-low temp. and high			Pb or Pb alloy (e.g. PbSn, PbBi)	MRI(magnetic resonance imaging)system	Low resistance connection material		
	[No.13] Super conductive performance							