

X-ray Registration System Field Definitions

7/29/2021

Field	Definition
Administrator	Registrant designated person who has responsibility and oversight of any ionizing radiation-producing equipment and its use. Facility Organizational Hierarchy: 1. Owner, 2. Administrator, 3. Radiology Administrator, 4. Radiation Safety Officer.
Business Address	The physical address of the registrant where the ionizing radiation-producing equipment is located.
Console Human Use	Ionizing radiation-producing equipment used on a living human being.
Console Installation Date	The date stationary x-ray equipment was installed, or the date mobile or portable x-ray equipment is received by the facility.
Console Location	Where the equipment is located or used, such as the room name or number (Ex: Hall, Hyg Rm, Pan Alcove, Portable, Rm 1, Xray Rm).
Console Model	Equipment console model name or number. This information can be found in the manufacturer’s manual or on the equipment.
Console Number of Tubes	Indicate many x-ray tubes are controlled by one control console or exposure switch.
Console Portable	Ionizing radiation-producing equipment designed to be hand-carried or mounted on a permanent base, with wheels or casters for moving while completely assembled. Example: c-arm or hand-held dental unit.
Console Serial Number	Console serial number. This information can be found on calibration reports or provided by your service provider.

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Console Status: Deleted	Ionizing radiation-producing equipment that has been removed from the registrant’s site and is no longer possessed/owned by the registrant.
Console Status: In Use	Ionizing radiation-producing equipment in the registrant’s possession at the facility. This includes equipment that is not in use and stored ionizing radiation-producing equipment.
Console Type: Accelerator Industrial	An x-ray console or electron producing equipment designed and used for industrial purposes to treat products and materials.
Console Type: Accelerator Medical w/OBI	An x-ray console or electron producing equipment designed and used for external beam therapy on living humans that has an x-ray imaging system attached and is a direct component of a medical accelerator.
Console Type: Accelerator Medical w/out OBI	An x-ray console or electron producing equipment designed and used for external beam therapy on living humans that does not have an x-ray imaging system attached to the medical accelerator.
Console Type: Accelerator Veterinary	An x-ray console or electron producing equipment designed and used for external beam therapy on animals.
Console Type: Bone Densitometer	An x-ray console used in bone densitometry ionizing radiation-producing equipment used to measure bone density, mineral content, and assess skeletal health.
Console Type: Breast Specimen	An x-ray console used in ionizing radiation-producing equipment installed within a shielded enclosure, used to create images of breast tissue.
Console Type: C-arm	An x-ray console used in fluoroscopic ionizing radiation-producing equipment in which the image receptor and the x-ray Console housing assembly are connected or coordinated by a common mechanical support system to maintain a desired spatial relationship.
Console Type: C-arm Mini	An x-ray console used in c-arm ionizing radiation-producing equipment with small diameter image receptor.

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Console Type: CBCT Dental	An x-ray console used in Cone Beam Computed Tomography (CBCT) ionizing radiation-producing equipment used for dental applications.
Console Type: CBCT Industrial	An x-ray console used in Cone Beam Computed Tomography (CBCT) ionizing radiation-producing equipment used for industrial applications.
Console Type: CBCT Medical	An x-ray console used in Cone Beam Computed Tomography (CBCT) ionizing radiation-producing equipment used for medical applications.
Console Type: CBCT Research	An x-ray console used in Cone Beam Computed Tomography (CBCT) ionizing radiation-producing equipment used in non-human research applications.
Console Type: CBCT Veterinary	An x-ray console used in Cone Beam Computed Tomography (CBCT) ionizing radiation-producing equipment used in veterinary applications.
Console Type: CT Industrial	An x-ray console used in Computed Tomography (CT) ionizing radiation-producing equipment used in industrial applications.
Console Type: CT Medical	An x-ray console used in Computed Tomography (CT) ionizing radiation-producing equipment used in medical applications.
Console Type: CT Pet	An x-ray console used in Computed Tomography (CT) ionizing radiation-producing equipment used in conjunction with positron emission tomography (PET).
Console Type: CT Research	An x-ray console used in Computed Tomography (CT) ionizing radiation-producing equipment used in non-human research applications.
Console Type: CT - Simulator	An x-ray console designed to reproduce geometric conditions of the radiation therapy equipment.
Console Type: CT SPECT	An x-ray console used in Computed Tomography (CT) ionizing radiation-producing equipment used in conjunction

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	with single-photon emission computerized tomography (SPECT).
Console Type: CT Veterinary	An x-ray console used in Computed Tomography (CT) ionizing radiation-producing equipment used in veterinary medicine applications.
Console Type: Cephalometric	An x-ray console used in ionizing radiation-producing equipment used for orthodontic treatment planning.
Console Type: Electron Beam Lithography	An x-ray console used in ionizing radiation-producing equipment used for creating extremely fine patterns in industrial applications.
Console Type: Electron Beam Processing	An x-ray console used in ionizing radiation-producing equipment used for irradiation of material in sterilization applications and to improve mechanical, thermal, chemical, and other properties in industrial applications.
Console Type: Electron Beam Weld	An x-ray console used in ionizing radiation-producing equipment used for fusion welding in industrial applications.
Console Type: Electronic Brachytherapy	An x-ray console use in ionizing radiation-producing equipment as a method of radiation therapy where an electrically generated source of ionizing radiation is placed to deliver therapeutic radiation dose.
Console Type: Extraoral	An x-ray console used in Ionizing radiation-producing equipment used for dental applications outside the mouth, focusing on the jaw and skull.
Console Type: Fluoroscopic	An x-ray console used in Ionizing radiation-producing equipment that shows a continuous x-ray image on a monitor.
Console Type: Gamma Knife w/OBI	The gamma knife would not be registered with the X-ray Unit as this is licensed with the radioactive materials Unit. This x-ray console type is to register the Ionizing radiation-producing equipment of on-board-imaging that is attached to the Gamma Knife.

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Console Type: Hand-held Fluoroscopic	An x-ray console used in fluoroscopic ionizing radiation-producing equipment that was specifically designed to be hand-held.
Console Type: Hand-held Intraoral	An x-ray console used in ionizing radiation-producing equipment that was specifically designed to be hand-held for dental imaging.
Console Type: Industrial Cabinet	An x-ray console used in ionizing radiation-producing equipment installed within a shielded enclosure, used for quality control in manufacturing, food production, non-destructive testing, and other industrial applications without damaging their contents.
Console Type: Industrial Fluoroscopy	An x-ray console used in an enclosure, independent of existing architectural structure except the floor on which it may be placed that shows a continuous x-ray image on a monitor in industrial applications for inspecting materials and components with the objective of locating and quantifying defects and degradation in material properties for non-destructive testing.
Console Type: Industrial Ion-Implant	An x-ray console that is a beam of ions used in ionizing radiation-producing equipment for implanting ions in a material to modify the physical, chemical, or electrical characteristics of the material.
Console Type: Industrial Ionizer	An x-ray console that is a beam of ions used in ionizing radiation-producing equipment for static control in semiconductor manufacturing processes and other industrial applications.
Console Type: Industrial Irradiator	An x-ray console used in ionizing radiation-producing equipment used to expose samples to x-rays for industrial purposes.
Console Type: Industrial Package	An x-ray console used in ionizing radiation-producing equipment installed within a shielded enclosure, used for inspection of packages, parcels, and luggage without damaging their contents.
Console Type: Industrial Radiography	An x-ray console used in an enclosure, independent of existing architectural structure except the floor on which it may be placed, or at temporary location in industrial applications for radiographic imaging to inspect materials

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	and components with the objective of locating and quantifying defects and degradation in material properties for non-destructive testing.
Console Type: Intraoral	An x-ray console used in ionizing radiation-producing equipment for dental applications inside the mouth.
Console Type: Intraoral/Cephalometric	An x-ray console used in ionizing radiation-producing equipment designed for intraoral applications, when properly mounted and collimated, allows for cephalometric applications.
Console Type: Mammographic	An x-ray console used in ionizing radiation-producing equipment used in screening and diagnostic breast imaging applications.
Console Type: Medical Irradiator	An x-ray console used in ionizing radiation-producing equipment used to expose samples to x-rays for medical purposes.
Console Type: O-arm	An x-ray console used in multi-dimensional, intra-operative ionizing radiation-producing equipment used for real-time multiplane 3D imaging.
Console Type: Panoramic	An x-ray console used in ionizing radiation-producing equipment used in dental applications to image the entire mouth in a single image.
Console Type: Panoramic/Cephalometric	An x-ray console used in ionizing radiation-producing equipment used in dental applications that allows for panoramic and cephalometric imaging.
Console Type: Particle Accelerator	An electromagnetic device that accelerates charged subatomic particles to high energies and focuses them on a target.
Console Type: Particle Size Analyzer	An x-ray console used in ionizing radiation-producing equipment for determining the elemental composition of materials in industrial applications.
Console Type: Radiographic	An x-ray console used in ionizing radiation-producing equipment used for imaging applications.

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Console Type: Radiographic/Fluoroscopic	An x-ray console used in fluoroscopic/radiographic ionizing radiation-producing equipment used in general fluoroscopic imaging applications.
Console Type: Security Screening System Human Use	An x-ray console used in ionizing radiation-producing equipment for identifying contraband on subjects in correctional or detention facilities.
Console Type: Stereotactic	An x-ray console used in ionizing radiation-producing equipment in breast imaging applications to precisely identify and biopsy an abnormality within the breast.
Console Type: Suspected Hazards	An x-ray console used to detect suspected hazards, explosives, weapons, and illegal items.
Console Type: Therapy Superficial System	An x-ray console used in ionizing radiation-producing equipment for therapy treatment with a short target-skin distance.
Console Type: X-ray Diffraction	An x-ray console used in ionizing radiation-producing equipment for determining the atomic and molecular structure in industrial applications.
Console Type: X-ray Gauge	An x-ray console used in ionizing radiation-producing equipment for determining thickness and levels of materials in industrial applications.
Console Type: X-ray Photoelectron Spectrometer	An x-ray console used in ionizing radiation-producing equipment for determining elements that exist within material, chemical state, and electronic state in the material.
Console Type: XRF	An x-ray fluorescent analyzer used in ionizing radiation-producing equipment for determining the elemental composition of materials in industrial applications.
Externship Site	A registrant that provides practical training for individuals participating in an approved program or training course for imaging humans.
Facility Type	Registrant's primary business purpose. Ex: Chiropractic, Dental, etc.

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Federal Tax ID	A registrants Federal Tax ID is a nine-digit number issued by the US Internal Revenue Service (IRS). Ex: XX-XXXXXXX.
Mailing Address	The address of the registrant where mail is received, such as a PO Box or Business Address.
MN Tax ID	The Minnesota Department of Revenue (DOR) requires a business to have a Minnesota Taxpayer Identification Number if it has employees and collects withholding taxes, is a corporation doing business in Minnesota and files a tax return with the DOR or collects sales tax on retail sales in Minnesota. A seven-digit number is assigned. Ex: XXXXXXX.
Owner/CEO/President	Registrant designated person who is the highest-ranking person at the facility responsible for making managerial decisions. Registrant Organizational Hierarchy: 1. Owner, 2. Administrator, 3. Radiology Administrator, 4. Radiation Safety Officer.
Radiation Safety Officer	Registrant designated person who is responsible for identifying radiation safety problems, initiating action, and ensuring compliance with regulations. Registrant Organizational Hierarchy: 1. Owner, 2. Administrator, 3. Radiology Administrator, 4. Radiation Safety Officer.
Radiology Administrator	Registrant designated person who is responsible for any ionizing radiation producing equipment program. Registrant Organizational Hierarchy: 1. Owner, 2. Administrator, 3. Radiology Administrator, 4. Radiation Safety Officer.
Receptor	Designate the image receptors that are used. Select all that apply.

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