Original	Revised	EQUIPMENT VIOLATION LIST – ARTICLE 175	
2	1	**301**	Operator did not use all practicable procedures to achieve occupational doses that are as low as reasonably achievable **(ALARA)** below the limits specified in this code **175.03 (b) (l) (i)**
2	1	**302**	Operator did not use all practicable procedures to achieve public doses that are as low as reasonably achievable **(ALARA)** below the limits specified in this code **175.03 (b) (l) (i)**
2	1	**303**	Operator did not implement a radiation protection program sufficient to ensure compliance with the provisions of this code **175.03 (b) (l) (ii)**
2	1	**304**	Operator did not provide a radiation safety officer to ensure the implementation of a radiation protection program **175.03 (b) (l) (iii)**
3	1	**305**	Operator did not provide for a radiation safety committee to administer the radiation protection program and to oversee the administration of a quality assurance program **175.03 (b) (l) (iv)**
1	1	**306**	Operator did not provide a quality assurance program for the use of radiation – producing equipment **175.03 (b) (l) (v)**
2	1	**307**	Operator did not ensure that all personnel involved in the use of radiation –producing equipment are supervised, are instructed and are competent to safely use such radiation sources **175.03 (b) (l) (vi)**
2	1	**308**	Operator did not ensure that acceptance testing was performed on all diagnostic equipment before the first use of such equipment on humans **175.03 (b) (l) (viii)**
1	1	**309**	Registrant did not control the occupational dose to an individual to ensure that such dose does not exceed an annual effective dose equivalent of **0.5sv (5rem) 175.03 (c) (l) (i)**
1	1	**310**	Registrant did not conduct operations so that the dose in any unrestricted area from external doses does not exceed **0.02mSv (0.002rem)** in any one hour **175.03 (d) (l) (i)**
2	2	**311**	Registrant did not cause to be made all surveys that are necessary to comply with this code and / or are necessary to evaluate radiation levels and potential radiological hazards **175.03 (f) (l)**
2	1	**312**	Personnel monitoring devices not supplied for individuals here required by this code **175.03 (f) (2)**

2	1	**313**	Registrant removed an exposure (s) from an individuals exposure record without prior authorization from the **Department of Health 175.03 (f) (2) (iv)**
3	3	**314**	Records of the radiation protection program including audits and / or other reviews of program content and implementation not retained by registrant for three (3) years after the record is made **175.03 (k) (2)**
3	2	**315**	Records of surveys and / or calibrations required by this code not retained by registrant for a period of three (3) years after the record is made **175.03 (k) (4) (i)**
2	2	**316**	Registrant did not retain the records of prior occupational dose and exposure history until the Department authorized their disposition **175.03 (k) (6)**
2	2	**317**	Registrant did not maintain records of doses received by all individuals for
1	1	**318**	Registrant did not immediately report to the Department each event involving a source of radiation that may have caused an individual to receive a total effective dose equivalent of **0.25 Sv (25rem) or more 175.03l (2) (i)**
2	1	**319**	Registrant did not report to the Department within 24 hours of discovery, each event that may have cause an individual to receive, in a period of 24 hours, a total effective dose equivalent exceeding **0.05Sv (5rem) 175.03l (2) (ii)**
2	2	**320**	Registrant did not submit a written report to the Department within thirty (30) days after any occurrence listed in this section of the code **175.03l (3)**
2	1	**321**	Registrant did not notify individual involved of an occurrence which required a written report to be submitted to the Department under **175.03l (3) – 175.03l (6)**
1	1	**322**	Individual did not adhere to rules, regulations or orders imposed by the Department to protect the public health and safety from radiation hazards **175.03 (n) (1)**

		2	
3	2	**401**	Copy of Article 175 of the **New York City Health Code** is not posted or readily available **175.04 (b) (1) and (2)**
3	2	**402**	A current copy of the “Notice to Employees” Prescribed by the Department is not posted **175.04 (b) (3)**

2	2	**403**	Radiation worker not advised annually of the worker's exposure to radiation as shown in records maintained by the registrant pursuant to **175.03 (k) (8) and 175.04 (c) (2)**
1	1	**404**	Facility did not afford the Department at all reasonable times an opportunity to inspect the radiation source (s) and the installation at which such source (s) is (are) located and each record required to be maintained by this Article **175.04 (e)**
1	1	**405**	Facility did interfere with or obstruct Department personnel in carrying out an inspection, survey or examination in performance of duties for the **Department of Health 3.15**
1	1	**406**	Department inspectors were unable to consult privately with workers concerning matters of occupational radiation protection or other matters related to applicable provisions of this code **175.04 (f) (1)**

	PROFESSIONAL PRACTITIONERS AND RELATED PROVISIONS 175.06		
1	1	**601**	Person other than a professional practitioner did direct or order the application of radiation to a human being **175.06 (c)**
1/2	1	**602**	Professional practitioner who directed or ordered the application of radiation to a human being did not comply with the provisions of the license of the practitioner under the **Education Law of the State of New York** and / or applicable provisions of part 89 of Title 10 of the Codes, Rules and regulations of the **State of New York** and / or Article 35 of the **Public Health Law of State of New York 175.06 (c) (1) and (2)**
2	1	**603**	Radiologic technologist did not comply with the requirements of the technologist's license **175.06 (d)**
	QUALITY ASSURANCE PROGRAMS 175.07		
1	1	**701**	No quality assurance program implemented **175.07 (b)**
1	1	**702**	No quality assurance sensitometry tools available at the facility **175.07 (b)**
1		**703**	Sensitometry not performed or grossly inadequate **175.07 (b)**
1	1	**704**	No processor quality assurance program in the effect (a lapse of five (5) or more consecutive days in determining daily sensitometry data when radiography has been conducted in the last three (3) months **175.07 (b)**
1	1	**705**	Sensitometry values exceeded tolerance limits for a period of one week or longer, without corrective action being taken by the facility **175.07 (b)**
2	1	**706**	Quality Assurance Manual not provided or incomplete **175.07 (b) (l) (i)**

2	1	**707**	Radiographic and fluoroscopic equipment test not performed at the prescribed times **175.07 (b) (l) (ii)**
2	1	**708**	Equipment records not maintained **175.07 (b) (l) (iii)**
2	1	**0708A**	Equipment records are incomplete **175.09 (b) (i) (iii)**
2	1	**709**	Quality assurance training program for employees is inadequate or nonexistent **175.07 (b) (i) (iv)**
2/1	1	**710**	Radiation safety training program for employees is inadequate or nonexistent **175.07 (b) (i) (iv)**
2	1	**711**	Output measurements (entrance skin exposure) not made at the prescribed cycle **175.07 (b) (l) (v)**
3	2	**712**	Repeat / Reject analysis not performed **175.07 (b) (i) (ix)**

	REGISTRANTION AND INSPECTION; PERMITS 175.51		
1	1	**5101**	Owner or operator did not obtain a current certificate of registration prior to establishing, maintaining or operating a radiation installation **175.51 (b) (l)**
1	1	**5102**	Owner or operator did not obtain a current certificate of registration prior to installing any radiation equipment in operable condition **175.51 (b) (l)**
1	1	**5103**	New facility did not apply for registration at least thirty (30) days before establishing a radiation installation and / or installing x-ray equipment **175.51 (d) (l)**
1	1	**5104**	Facility did not apply for new registration at least thirty (30) days prior to a change in operator or location **175.51 (d) (2)**
1	1	**5105**	Facility did not apply for renewal of registration at least thirty (30) days prior to the expiration of the certificate of registration. **175.51 (e)**
2	1	**5106**	Current certificate of registration not posted **175.51 (k)**
1	1	**5107**	Operator of radiation installation did not report to the Department within ten (10) days a change affecting the registration **175.51 (M)**
1	1	**5108**	Facility did not afford the Department, at a reasonable time, an opportunity to inspect the radiation installation at a frequency specified in **175.51n (2) and (3). 175.51n (l)**
2	1	**5109**	Radiation installation did not maintain radiation exposures as far below the limits set forth in this article as practicable **175.51 (n) (l)**
1	1	**5110**	Person did not engage in the business of selling new or used radiation equipment and / or assembling, installing or repairing such equipment without a permit therefore issued by the Department **175.51 (0) (l)**

1	1	**5111**	Person engaged in the business of selling new or used radiation equipment and / or assembling, installing or repairing such equipment did not comply with the reporting requirements in the Health code

			PROHIBITED USED AND ACTIVITIES 175.53
1	1	**5301**	Non- image intensified fluoroscope used **175.53 (a) (6)**
1	1	**5302**	Individual not authorized to operate x-ray equipment pursuant to **New York State Law** did operate such equipment **175.53 (b) (l)**
1	1	**5303**	X-ray or fluoroscopic equipment sold, leased transferred or loaned to persons not engaged in an occupation where such use is permitted **175.53 (b) (2)**
1/2	1	**5304**	Radiation – producing equipment sold, leased, transferred or loaned which when place into operation does not meet the requirements of Article 175. **175.53 (b) (3)**
1/2	1	**5305**	Radiation – producing equipment repaired such that when placed into operation it does not meet the requirements of Article **175.53 (b) (3)**

			SURVEYS, SHIELDING REQUIREMENTS AND OPERATOR PROTECTION 175.54
2	1	**5401**	Radiation protection survey by a qualified expert has not been performed **175.54 (b)**
3	1	**5402**	Radiation protection survey, reportedly performed, by a qualified expert has not been submitted to the Department for review **175.54 (b)**
3	1	**5403**	Radiation protection survey, reportedly performed, by a qualified expert, not maintained by the owner or operator as part of the installation's radiation records **175.54 (b)** (fixed radiographic, installations except dental, mobile, portable or podiatric)
2	2	**5404**	Exposure switch is operable outside the shielded area (control console not located within a structure so constructed that radiation has to be scattered at least twice before entering the structure or where structure is provided with an interlocked door) **175.54 (c) (l) A (a) and (b)**
2	1	**5405**	Shield used for operator protection is **not 2.13m (7feet) in height 175.54 (c) (l) (i) (B)**
2	1	**5406**	Operator not provided with an adequate viewing system to observe the patient during any exposure at the operator's protected position **175.54 (c) (l) (i) (B)**

2	2	**5407**	Operator not provided with a viewing system to observe any entry into the radiographic room at the operator's protected position **175.54 (c) (l) (i) (B)**
2	1	**5408**	Operator not provided with an adequate means of communication with the patient from the operator's position **175.54 (c) (l) (i) (C)**
2	1	**5409**	Exposure control located in a control console lacking an interlocked door is not placed at least 1.02m (40in) from all open edges of the structures where radiation may enter **175.54 (c) (l) (i) (E)**
2	1	**ADD**	The operator did allot unobstructive for space at the control console **175.54 (c) (i) (d)**

		MOBILE, PORTABLE,PODIATRIC, DENTAL INSTALLATIONS (EXCLUDING MAMMOGRAPHY)	
1	1	**5410**	Operator not provided with the means to initiate an x-ray exposure at least **2m (6 feet)** from the patient or behind a protective barrier **175.54 (c) (2) (i)**
2	1	**5411**	Mobile and portable x-ray systems used as fixed radiographic installations do not meet the operator protection standards of **175.54 (c) (l) (i) (A) or (B)**
2	1	**5412**	Operator of a mobile or portable x-ray unit not provided with personnel monitoring **175.54 (c) (2) (ii)**
2	1	**5413**	Operator of a mobile or portable x-ray unit not provided with a protective apron of at least **0.25mm** lead equivalent **175.54 (c) (2) (iii)**

		MAMMOGRAPHIC INSTALLATIONS	
2	1	**5414**	Lower edge of shield is more than 3 in (7.5cm) from the floor **175.54 (3) (i) (A) (a)**
2	1	**5415**	Shielding does not extend to a height of **6ft (2m) 175.54 (3) (i) (A) (a)**
2	1	**5416**	An air gap exists between the shield and the mammographic unit **175.54 (3) (i) (A) (a)**
2	1	**5417**	Operator is not able to stand completely within the shielded area during the exposure. **175.54 (3) (i) (A) (a)**
2	2	**5418**	Exposure control is not permanently fixed on the mammographic control console **175.54 (3) (i) (A) (b)**
2	1	**5419**	The Operator is not able to communicate with and / or view the patient from operator's protected position during the exposure **175.54 (3) (i) (A) (c)**

			GENERAL REQUIREMENTS FOR RADIATION EQUIPMENT 175.56
2	2	**5601**	Radiation equipment not intended to be used was not made inoperable by dismantling or sealing with an **Official Department Seal 175.56 (b)**
1	1	**5602**	Radiation equipment unsealed without prior authorization by the Department **175.56 (b)**
1	1	**5603**	Radiation equipment restored to operable condition without prior authorization by the Department **175.56 (b)**
2	1	**5604**	Film processing materials and techniques are not those recommended by the x-ray film manufacturer **175.56 (e)**
2	1	**5605**	Quality control methods not employed to ensure maximum information content of the developed x-ray film **175.56 (e)**
2	1	**5606**	The half- value layer **(HVL)** of the useful beam is less than the appropriate value shown in Table 1 of this section of the code **175.56 (f) (i)**

KUP	Mm Al FILTER
30	0.3
40	0.4
49	0.5
50	1.2
60	1.3
70	1.5
71	2.1
80	2.3
90	2.5
106	2.7
110	3
120	3.2
130	3.5
140	3.8

DIAGNOSTIC RADIOGRAPHY (other than veterinary) 175.57 (Unit Manufactured after November 28, 1984)

2	1	**5701**	The technique factors to be used during an exposure are not indicated on control panel **175.57 (b) (l)**
2	1	**5702**	Indication of technique factors not visible from the operators position **175.57 (b) (l)**
1	1	**5703**	Means not provided to terminate the exposure at a preset time interval **175.57 (b) (2)**
2	1	**5704**	Operator is not able to terminate the exposure at any time during an exposure of greater than one-half second **175.57 (b) (2) (i)**
2	1	**5705**	Exposure can be made when the timer is set to a zero or off position **175.57 (b) (2) (i)**
2	1	**5706**	No indication on control panel when the automatic exposure control mode of operation is selected **175.57 (b) (3) (i)**
2	2	**5707**	A visible signal does not indicate when an exposure has been terminated, when an automatic exposure control provided **175.57 (b) (3) (iv)**
2	2	**5708**	Deviation of technique factors from indicated values exceeds the limits given in the information provided by the manufacturer **175.57 (c)**
2	1	**5709**	For any specific combination of selected technique factors, the estimated coefficient of variation of radiation exposures is greater than **0.05. (exposures are not reproducible) 175.57 (d)**
2	1	**5710**	The average ratios of exposure to the indicated milliampere – seconds product, obtained at any two consecutive tube current settings differs by more than **0.10** times their sum (exposure are not linear) **175.5 (e) (l)**
2	1	**5711**	The average ratios of exposure to the indicated milliampere- seconds product obtained at any two consecutive mass selected settings differs by more than 0.10 times their sum (for equipment manufactured after **May 3, 1994**) (exposures are not linear) **175.57 (e) (2)**
2	2	**5712**	The total misalignment of the edges of the visually defined field with the respective edges pf the x-ray field exceeds 2 percent **175.57 (f) (2) (i) code 175.56** (f) (i)
2	2	**5713**	The light localizer of the adjustable collimator provides an average illuminance of less than **160 lux (15 foot candles) 175.57 (f) (2) (ii)**
3	2	**5714**	Means not provided to indicate the **SID** to within **2 percent 175.57 (g) (l)**
3	2	**5715**	Means provided to indicate the SID are not accurate to within **2 percent 175.57 (g) (l)**
3	2	**5716**	The beam – limiting device does not numerically indicate the field size in the plane of the image receptor **175.57 (g) (2)**

3	2	**5717**	X-ray field dimensions do not correspond to those indicated by the beam- limiting device to within **2 percent of the SID 175.57 (g) (3)**
2	1	**5718**	Single purpose equipment not provided with means to limit the field at the plane of the image receptor to dimensions no greater then those of the image receptor **175.57 (h) (l)**
3	2	**5719**	The positive beam limitation system **(PBL)** does not prevent x-ray production when the beam limiting device is at an **SID** for which **PBL** is not designed **175.57 (i) (l) (iii)**
3	2	**5720**	Positive beam limitation system **(PBL)** is not functioning properly **175.57 (i) (l)**
3	2	**5721**	System does not return automatically to **PBL** function after a change in image receptor size or **SID 175.57 (i) (3)**
3	2	**5722**	No key is available to override the positive beam limiting system **(PBL)** where the capability for overriding is provided **175.57 (i) (4)**
3	2	**5723**	The key provided for overriding the positive beam limiting system **(PBL)** can be removed while the positive mode is overridden **175.57 (i) (4)**
2	2	**5724**	The override mode is being used for purposes other than failure of the positive beam limiting system or to perform procedures which cannot be done in the **PBL mode 175.57 (i) (4)**
3	2	**5725**	Key provided to override the positive beam limitation systems **(PBL)** is not properly labeled **175.57 (i) (4)**
2	1	**5726**	Spot – film device is not operating properly **175.57 (j)**
2	2	**5727**	No means provided for mobile or portable x-ray unit to ensure that the minimum source-to- skin distance is at least **30cm (12 in) 175.57 (k)**
2	1	**5728**	No visual indication on x-ray control whenever x-rays are produced **175.57 (l)**
2	1	**5729**	No audible signed is provided to indicate that the exposure has terminated **175.57 (l)**
2	1	**5730**	No means are provided at the control panel and at or near the tube housing assembly, to indicate which tube is being selected, when there are two or more tubes activated by a common exposure switch **175.57 (m)**

		DENTAL 175.58	
2	1	**5801**	Source to skin is less than **17.8 cm (7 in)** for units operating above **50Vp 175.58 (b) (l)**
2	1	**5802**	Source to skin distance is less than **10.2 cm (4 in)** for units operating at **50kVp 175.58 (b) (l)**

1	1	**5803**	Beam diameter at the minimum **SSD** is more than **7 cm (2.75 in) (units** manufactured after **August 1, 1994) (b) (2) (i)**
1	1	**5804**	Beam diameter at the minimum **SSD** is more than **7.6 cm (3 in) (units** manufactured prior to **August 1, 1994) 175.58 (b) (2) (i)**
2	1	**5805**	The operator does not position the end of the position indicating device **(PID)** within **1 cm (0.4 in)** of the skin of the patient **175.58 (b) (2) (ii)**
1	1	**5806**	Device not provided to terminate the exposure after a present time interval or exposure **175.58 (b) (3) (i) (A)**
1	1	**5807**	Exposure switch is not of the dead- man type **175.58 (b) (3) (i) (A)**
1	1	**5808**	Operator cannot terminate the exposure at any time **175.58 (b) (3) (i) (B)**
2	1	**5809**	Termination of the exposure does not cause automatic resetting of the timer to its initial setting or to **"zero" 175.58 (b) (3) (i) (D)**
2	1	**5810**	A timer setting beyond the necessary exposure time is being used **175.58 (b) (3) (i) (D)**
2	1	**5811**	The x-ray control does not provide visual indication whenever x-rays are produced **175.58 (b) (3) (ii)**
2	2	**5812**	The visual x-ray production indicator located on the x-ray control is not observable at or from the operator's protected position **175.58 (b) (3) (ii)**
2	1	**5813**	A signal audible to the operator which indicates that the exposure has terminated is not provided **175.58 (b) (3) (ii)**
2	2	**5814**	Timer operates erratically in that preset exposure times are not reproducible **175.58 (b) (4)**
2	2	**5815**	Deviation of technique factors from the indicated values exceeds the limits specified by the manufacturer **175.58 (b) (5)**
2	2	**5816**	Deviation of technique factors exceeds **10%** of the indicated values **175.58 (b) (5)**
1	1	**5817**	Equipment used to make diagnostic dental radiographs of humans has a nominal fixed **50 kVp**
1	1	**5818**	Patient film holding device is being used in a manner which produces a beam diameter at the patients skin of more than **7 cm (2.75 in) (units manufactured after August 1, 1974) 175.58 (b) (7) (i)**
1	1	**5819**	Patient film holding device is being used in a manner which produces a beam diameter at the patients skin of more than **7.6 cm (3 in) (units manufactured prior to August 1, 1974) 175.58 (b) (7) (i)**
2	1	**5820**	The tube housing and / or the PID were hand-held during an exposure **175.58 (b) (7) (ii)**

2	1	**5821**	Time – temperature techniques or automatic processing were not employed to develop pre- operative diagnostic dental x-ray films **175.58 (b) (7) (iv)**
2	2	**5822**	Processing techniques were not consistent with those recommended by the x-ray film manufacturer **175.58 (b) (7) (iv)**
2	1	**5823**	Sight Developing of dental radiographs was being performed **175.58 (b) (7) (iv)**
1	1	**5824**	Excessive patient exposure due to the utilization of improper exposure technique factors **175.58 (b) (7) (v)**
1	1	**5825**	Excessive patient exposure due to the utilization of improper processing conditions **175.58 (b) (7) (v)**
1	1	**5826**	The tube does not remain stationary when placed in the clinical exposure position **175.58 (b) (7) (vii)**
2	1	**5827**	X-ray unit is not equipped with electronic means (timer) for exposure control. **(In effect after January 1, 1997) 175.58 (b) (7) (viii)**
2	1	**5828**	Persons not required for the dental x-ray procedure are in the dental x-ray room during the exposure. **175.58**
1	1	**5829**	For extra oral dental radiography, (the x-ray film did not show substantial evidence of cut-off **(beam delineation) 175.58 (b) (8)**

		CERTIFIED DENTAL UNITS ONLY	
2	1	**5830**	The estimated coefficient of variation of radiation exposures is greater than **0.05** for any specific combination of selected technique factors **175.58 (b) (9)**
2	1	**5831**	The average ratios of exposure to the indicated **mAs** product obtained at any two consecutive tube current settings differs by more than **0.10** times their sum. **175.58**
2	1	**5832**	The minimum half-value layer is less than **1.5 mm** aluminum equivalent **(units manufactured after December 1, 1980) 175.58 (b) (9) (iv)**
2	1	**5833**	The half-value layer **(HVL)** of the useful beam is less than the appropriate value shown in Table 1 of this section of the code **175.56 (f) (l)**

		POADIATRIC RADIOGRAPHY 175.59	
1	1	**5901**	Radiographic beam size is not limited to the area of clinical interest **175.59 (a) (l)**
1	1	**5902**	No substantial evidence of cut- off **(beam delineation)** on x-ray films **175.59 (a) (2)**

1	1	**5903**	No suitable means are provided to terminate the exposure of podiatric x-ray at a preset time interval or exposure **175.59 (a) (3)**
1	1	**5904**	No adequate dead-man exposure switch provided **175.59 (a) (3)**
1	1	**5905**	Exposure switch cord is not of sufficient length to allow the operator to stand at least **2 meters (6 feet)** from the patient and tube and well away from the useful beam during the exposure **175.59 (a) (4)**
1	1	**5907**	No Proper shielded area is provided for operator protection **175.59 (a) (4)**
2	1	**5908**	Person(s) other than required for the x-ray procedure is (are) in the x-ray room during exposure **175.59 (b) (2)**
2	1	**5909**	The half-value layer **(HVL)** of the useful beam is less than the appropriate value shown in Table 1 of this section of the **175.56 (f) (1)**
2	1	**5910**	Radiation installation did not maintain radiation exposures as far below the limits set forth in this Article as practicable – tube head does not remain stationary when placed in the clinical exposure position **175.51 (n) (l)**

FIXED RADIOGRAPHY (EXCLUDING DENTAL, VETERINARY AND PODIATRIC RADIOGRAPHY) 175.60			
1	1	**6001**	Radiographic beam size is not limited to the area of clinical interest **175.60 (a) (l)**
1	1	**6002**	No substantial evidence of cut-off **(beam delineation)** on x-ray films **175.60 (a) (2)**
2	1	**6003**	General purpose equipment not equipped with an adjustable collimator that visually defines the entire field **175.60 (a) (2)**
2	2	**6004**	The misalignment of the x-ray field with the visual field in either the length or width dimension exceeds 2 percent of the **SID (source to image distance) 175.60 (a) (2)**
2	2	**6005**	Legend of the adjustable collimator is not properly calibrated in terms of the projected useful beam size at specified source-film distances **175.60 (a) (2)**
2	2	**6006**	No means provided on the adjustable collimator to numerically indicate the useful beam size at specified source-film distances **175.60 (a) (2)**
2	2	**6007**	No adequate means provided to adjust the projected useful beam size to its numerical indications as noted on the legend of the collimator **175.60 (a) (2)**
2	2	**6008**	The technique factors to be used during an exposure not indicated before the exposure begins **175.60 (a) (3)**

2	2	**6009**	Indication of technique factors is not visible from the operators protected position **175.60 (a) (3)**
1	1	**6010**	No suitable means are provided to terminated the exposure after a preset time interval or exposure **175.60 (a) (4)**
2	1	**6011**	Exposure can be made without using a preset time **(timer operates at zero setting) 175.60 (a) (4)**
1	1	**6012**	No adequate dead-man exposure switch **175.60 (a) (5)**
2	1	**6013**	Exposure switch is operable outside the shielded area **175.60 (a) (5)**
1	1	**6014**	No proper shielded area is provided for operator protection **175.60 (a) (5)**
1	1	**6015**	Persons not authorized by the New York City Health Code are holding patient(s) and / or films during x-ray exposures **175.60 (b) (l)**
1	1	**6016**	Individuals occupationally exposed to radiation are being used to hold patients and / or films during x-ray exposures **175.60 (b) (1)**
2	2	**6017**	Mechanical supporting or restraining devices are not available **175.60 (b) (l)**
1	1	**6018**	Appropriate shielding devices are not provided and / or worn by holder(s) of patient(s) **175.60 (b) (1)**
1	1	**6019**	Exposure of an individual used for holding patients is not being monitored **175.60 (b) (1)**
2	1	**6020**	Persons other than required for the radiographic procedure are in the x-ray room during the exposure **175.60 (b) (2)**
2	1	**6021**	Persons, other than the patient, in the room during the radiographic procedure not equipped with appropriate shielding devices **175.60 (b) (2)**
1	1	**6022**	Gonadal shielding of adequate lead equivalency is not being used on patients who have not passed the reproductive age **175.60 (b) (3)**

	PORTABLE OR MOBILE (EXCLUDING DENTAL, PODIATRIC, VETERINARY) 175.61	
1	1	**6101**	No collimating devices being used to restrict the useful beam to the area of clinical interest **175.61 (a) (l)**
1	1	**6102**	Radiographic beam size is not limited to the area of clinical interest **175.61 (a) (l)**
1	1	**6103**	No substantial evidence of cut-off **(beam delineation)** on x-ray films **175.61 (a) (2)**
2	2	**6104**	No adequate means provided, for general purpose mobile equipment, to visually define the entire x-ray field **175.61 (a) (2)**

3	2	**6105**	Misalignment of the visually defined field with the x-ray field exceeds **2 (two)** percent of the **SID (source image receptor distance) 175.61 (a) (2)**
3	2	**6106**	Legend of the adjustable collimator is not properly calibrated in terms of the projected useful beam size at specified source-film distances **175.61 (a) (2)**
2	1	**6107**	Exposure can be made without using a preset time **(timer operates at zero setting) 175.61 (a) (3)**
2	2	**6108**	No equipment provided to ensure that the minimum source-to-skin distance is at least **31 cm (12 in) 175.61 (a) (4)**
1	1	**6109**	Persons not authorized or sanctioned by the New York City Health Code are holding patients and / or films during x-ray exposures **175.61**
2	1	**6110**	Mechanical and / or supporting devices are not provided and / or worn by holders of patients and / or films **175.61 (b) (l)**
1	1	**6111**	Appropriate shielding devices are not provided and / or worn by holders of patients and / or films **175.61 (b) (1)**
2	1	**6112**	Parts of the holder's body are in the path of the useful beam **175.61 (b) (l)**
1	1	**6113**	Personnel monitoring devices are not provided and / or worn by holders of patients **175.61 (b) (l)**
1	1	**6114**	Pregnant women used to hold patients during x-ray procedures **175.61 (b) (l)**
1	1	**6115**	Individuals under 18 years of age used to hold patients during x-ray procedure **175.61 (b) (l)**
1	1	**6116**	Gonadal shielding of adequate lead equivalency not being used on patients **175.61 (b) (2)**
2	1	**6117**	Appropriate personnel monitoring is not supplied and / or is not used by persons operating mobile or portable x-ray equipment **175.61 (b) (3)**
2	1	**6118**	Operator not provided with the means to initiate an x-ray exposure at least **2m (6ft)** from the patient or behind a protective barrier **175.54 (c) (2) (i)**
2	1	**6119**	Mobile and portable x-ray systems used as fixed radiographic installations do not meet the operator protection standards of **175.54 (l) (i) (A) or (B)**
2	1	**6120**	Operator of a mobile or portable x-ray unit not provided with personnel monitoring **175.54 (c) (2) (ii)**
2	1	**6121**	Operator of a mobile or portable x-ray unit not provided with a protective apron of at least **0.25 mm** lead equivalent **175.54 (c) (2) (iii)**

1	1	**6122**	Tubehead does not remain stationary when placed in an exposure position **175.03 (n) (l)**

		FLUOROSCOPIC 175.62	
1	1	**6201**	The entire cross section of the useful beam is not intercepted by the primary protective barrier **175.62 (a) (l)**
1	1	**6202**	The fluoroscopic tube produces x-rays when the barrier is not in position to intercept the entire useful beam **175.62 (a) (l)**
1	1	**6203**	Exposure rate through barrier with the attenuation block in the useful beam exceeds 2mR/hour at 10 cm (4 in) for each R/min of entrance exposure rate **175.62 (a) (l)**
2	2	**6204**	The misalignment of the edges of the fluoroscopic x-ray field, along any one dimension, exceeds **3% of the SID 175.62 (b) (l)**
2	2	**6205**	The total misalignment along any two dimensions of the fluoroscopic x-ray field exceeds **4% of the SID 175.62 (b) (l)**
2	2	**6206**	The minimum field size, of the fluoroscopic x-ray field, at the greatest **SID** was not equal to, or less than, **5x5 cm (2x2 in) 175.62 (b) (l)**
2	1	**6207**	During serial fluoroscopy, the operator is unable to terminate the x-ray exposures at any time **175.62 (c)**
1	1	**6208**	The average exposure rate, as measure with a patient phantom type **1100** aluminum, exceeded **5R/min 175.62 (d)**
1	1	**6209**	The maximum exposure rate in air, measured at a point where the useful beam enters the patient, exceeded **10R/min 175.62 (d)**
1	1	**6210**	Maximum exposure rate, for equipment with high option control, exceeded **5R/min** when option was not in use **175.62 (d) (l)**
1	1	**6211**	When high option control is in use, an audible signal is not heard **175.62 (d) (l)**
1	1	**6212**	Maximum exposure rate for equipment without automatic exposure rate, and with high option control, exceeded **5R/min** when option was not in use **175.62 (d) (2)**
1	1	**6213**	When high option control is in use, for equipment without automatic exposure, an audible signal is not heard **175.62 (d) (2)**
2	2	**6214**	During fluoroscopy tube potential **(kV)** not continuously indicated **175.62 (e)**
2	2	**6215**	During the fluoroscopy tube current **(mA)** was not continuously indicated **175.62 (e)**
2	2	**6216**	Tube potential exceeded maximum deviation as stated by the manufacturer **175.62 (e)**

2	2	**6217**	Tube current exceeded maximum deviation as stated by the manufacturer **175.62 (e)**
2	1	**6218**	No means provided to limit the source-skin distance on a stationary fluoroscope to not less than **38 cm (15 in) 175.62 (f)**
2	1	**6219**	No means provided to limit the distance on a mobile fluoroscope to not less than **30 cm (12 in) 175.62 (f)**
1	1	**6220**	The source-skin distance was less than 20 cm (8 in) for a fluoroscope intended for surgical use **175.62 (f)**
1	1	**6221**	Fluoroscopic equipment did not have a preset timer **175.62 (g)**
2	1	**6222**	The maximum cumulative time of the fluoroscopic timing device exceeded **5** minutes without resetting **175.62 (g)**
2	2	**6223**	No signal, audible to the fluoroscopist, to indicate completion of any preset cumulative time, was present **175.62 (g)**
2	2	**6224**	After preset time expired, fluoroscopic signal did not continue to sound, while x-rays were produced, before timer was reset **175.62 (g)**
2	1	**6225**	High contrast resolution of the fluoroscopic system was not capable of resolving a minimum mesh number of **24**, for the center of the beam and **20** for the edges, using a test tool described in this section **175.62 (h)**
2	1	**6226**	Low contrast performance to the fluoroscopic system was not capable of resolving a minimum hole size of **3 mm**, using a test tool described in this section **175.62 (h)**
2	1	**6227**	Fluoroscopic patient rates were not determined annually **175.62 (i) (l)**
3	1	**6228**	Fluoroscopic patient rates were not determined when there was a major component replaced or serviced **175.62 (i) (l)**
2	1	**6229**	Measurements of stray radiation, to operators and / or observers, were not performed when equipment was first placed in operation **175.62 (i) (l)**
2	1	**6230**	Fluoroscopic patient rates were not determined when equipment was first placed in operation **175.62 (i) (l)**
1	1	**6231**	Protective garments of at least 0.25 mm lead equivalent were not worn by fluoroscopist during every fluoroscopic examination **175.62 (i) (2)**
1	1	**6232**	Protective gloves and aprons of at least 0.25 mm lead equivalent were not worn by persons within the fluoroscopy room **175.62 (i) (3)**
1	1	**6233**	Persons not needed in the fluoroscopy room were present during exposures **175.62 (i) (4)**