## **SENATE BILL No. 231**

February 22, 2005, Introduced by Senators GARCIA, HAMMERSTROM and BARCIA and referred to the Committee on Health Policy.

A bill to amend 1978 PA 368, entitled "Public health code,"

by amending sections 13501, 13505, 13506, 13515, 13517, 13521, 13522, 13525, 13535, and 13536 (MCL 333.13501, 333.13505, 333.13506, 333.13515, 333.13517, 333.13521, 333.13522, 333.13525, 333.13535, and 333.13536), sections 13501, and 13522 as amended by 1994 PA 100 and section 13521 as amended by 1989 PA 56, and by adding part 135A; and to repeal acts and parts of acts.

## THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

Sec. 13501. (1) As used in this part:

(A) "DEPARTMENT" MEANS THE DEPARTMENT OF ENVIRONMENTAL

## 1 QUALITY.

- 2 (B) —(a) "General license" means a license, effective
- 3 pursuant to rules promulgated by the department without the filing
- 4 of an application, to transfer, acquire, own, possess, or use
- 5 quantities of, or devices or equipment utilizing, radioactive
- 6 material.
- 7 (C)  $\frac{(b)}{(b)}$  "Ionizing radiation" means gamma rays and x-rays,
- 8 alpha particles, beta particles, high speed electrons, neutrons,
- 9 protons, high speed ions, and other high speed nuclear particles.
- 10 (c) "Mammography" means radiography of the breast for the
- 11 purpose of enabling a physician to determine the presence, size,
- 12 location, and extent of cancerous or potentially cancerous tissue
- 13 in the breast.
- 14 (d) "Mammography authorization" means authorization under
- 15 section 13523 to use a radiation machine for mammography.
- 16 (e) "Mammography interpreter" means an individual who meets
- 17 the requirements set forth in section 13523(2)(g) and is
- 18 responsible for evaluating and interpreting mammographic images.
- 19 (D)  $\overline{\text{(f)}}$  "Person" means a person as defined in section 1106
- 20 or a governmental entity.
- 21 (E)  $\frac{(g)}{}$  "Radioactive material" means a solid, liquid, or gas
- 22 material -which THAT emits ionizing radiation spontaneously.
- 23 (F)  $\frac{h}{h}$  "Radiography" means the making of a film or other
- 24 record of an internal structure of the body by passing x-rays or
- 25 gamma rays through the body to act on film or other image receptor.
- 26 (G) (i) "Registration" means registration of a source of
- 27 ionizing radiation in writing with the department.

- 1 (H)  $\frac{-(j)}{-(j)}$  "Source of ionizing radiation" means a device or
- 2 material that emits ionizing radiation.
- 3 (I)  $\frac{(k)}{(k)}$  "Specific license" means a license issued BY THE
- 4 DEPARTMENT to use, manufacture, produce, transfer, receive,
- 5 acquire, own, or possess quantities of, or devices or equipment
- 6 utilizing, radioactive material.
- 7 (2) In addition, article 1 contains general definitions and
- 8 principles of construction applicable to all articles in this code.
- 9 Sec. 13505. A person shall not manufacture, produce,
- 10 transport, transfer, dispose of, acquire, own, possess, or use a
- 11 radioactive material or other source of ionizing radiation unless
- 12 THE PERSON IS licensed -, registered, or exempted UNDER THIS PART
- 13 OR IS LICENSED OR EXEMPTED by the department in accordance with
- 14 rules promulgated -pursuant to BY THE DEPARTMENT UNDER this part.
- or unless exempted by this part.
- 16 Sec. 13506. Sections 13505 and 13515 to 13536 do not apply to
- 17 the following sources or conditions, except as noted:
- 18 ———— (a) Electrical or other equipment or material not intended
- 19 primarily to produce radiation which, by nature of design, does not
- 20 produce radiation at the point of nearest approach at a weekly rate
- 21 higher than 1/10 the appropriate limit generally accepted by the
- 22 medical profession for any critical organ exposed. The production
- 23 testing or production servicing of the equipment is not exempt.
- 24 (b) A radiation machine during process of manufacture or in
- 25 storage or transit. The production testing or production servicing
- 26 of the machine is not exempt.
- 27 (A)  $\overline{\text{(c)}}$  A radioactive material while being transported under

- 1 the jurisdiction of and in conformity with regulations adopted by
- 2 the nuclear regulatory commission or the United States department
- 3 of transportation, or their successors, specifically applicable to
- 4 the transportation of -such THE radioactive material.
- 5 (B)  $\frac{\text{(d)}}{\text{(d)}}$  Sound waves, radio waves, and visible, infrared, or
- 6 ultraviolet light.
- 7 (C)  $\frac{-(e)}{}$  A production or utilization facility, as defined in
- 8 the <del>federal</del> atomic energy act of 1954, 42 <del>U.S.C.</del> **USC** 2011 to
- 9 2281 2297G-4, or a source of ionizing radiation used in or in
- 10 connection with the operation of a production or utilization
- 11 facility pursuant to a license from the federal nuclear regulatory
- 12 commission or ITS successor thereto- AGENCY. However, the
- 13 department may collect radiation data and perform environmental
- 14 monitoring in connection with the operation of the facility in
- 15 accordance with this part.
- 16 (D)  $\frac{(f)}{(f)}$  A source material, by-product material, or special
- 17 nuclear material over which the federal nuclear regulatory
- 18 commission or —a— ITS successor —thereto— AGENCY has exclusive
- 19 regulatory jurisdiction under the -federal- atomic energy act of
- 20 1954, 42 USC 2011 TO 2297G-4, which jurisdiction has not been
- 21 transferred to this state pursuant to an agreement under -Act No.
- 22 54 of the Public Acts of 1965, being sections 3.801 and 3.802 of
- 23 the Michigan Compiled Laws 1965 PA 54, MCL 3.801 TO 3.802.
- Sec. 13515. (1) The department is designated as the radiation
- 25 control agency of this state and shall coordinate radiation control
- 26 programs of state departments acting within their statutory
- 27 authorities.

- 1 (2) Pursuant to rules promulgated under this part, the
- 2 department shall require licensing -and registration of
- 3 radioactive materials and other sources of ionizing radiation.
- 4 (3) The department shall develop and conduct programs for
- 5 evaluation and control of hazards associated with the use of
- 6 radioactive materials and other sources of ionizing radiation.
- 7 Sec. 13517. (1) The department may enter at all reasonable
- 8 times upon private or public property upon which sources of
- 9 ionizing radiation are reasonably believed to be located, with the
- 10 permission of the owner or custodian thereof OF THE PROPERTY, to
- 11 determine if there is compliance with or violation of this part or
- 12 a rule PROMULGATED UNDER THIS PART or COMPLIANCE WITH OR A
- 13 VIOLATION OF A license ISSUED UNDER THIS PART.
- 14 (2) If the department has reasonable CAUSE or probable cause
- 15 to believe that a violation of this part or a rule PROMULGATED
- 16 UNDER THIS PART or A VIOLATION OF A license ISSUED UNDER THIS PART
- 17 is being committed on private or public property or that there
- 18 exists on the property evidence of a violation, and permission to
- 19 enter thereon- ON THE PROPERTY is denied by the owner or custodian
- 20 thereof OF THE PROPERTY, the department may apply to the proper
- 21 judicial officer under Act No. 189 of the Public Acts of 1966,
- 22 being sections 780.651 to 780.659 of the Michigan Compiled Laws
- 23 1966 PA 189, MCL 780.651 TO 780.659, for a warrant commanding the
- 24 sheriff or a law enforcement officer, with the aid of the
- 25 department, to search the property and seize any source of ionizing
- 26 radiation that is possessed, controlled, or used wholly or
- 27 partially in violation of this part or a rule PROMULGATED UNDER

- 1 THIS PART or IN VIOLATION OF A license ISSUED UNDER THIS PART, or
- 2 any evidence of a violation of this part or a rule or license.
- 3 Sec. 13521. (1) The department shall promulgate rules
- 4 providing for general or specific licenses or registration, or
- 5 exemption from licensing or registration, for radioactive
- 6 materials and other sources of ionizing radiation. The rules shall
- 7 provide for amendment, suspension, or revocation of licenses. In
- 8 connection with those PROMULGATING rules UNDER THIS SUBSECTION,
- 9 the department may -promulgate rules to establish requirements for
- 10 record keeping, permissible levels of exposure, notification and
- 11 reports of accidents, protective measures, technical qualifications
- 12 of personnel, handling, transportation, storage, waste disposal,
- 13 posting and labeling of hazardous sources and areas, surveys, and
- 14 monitoring.
- 15 (2) The rules **PROMULGATED UNDER SUBSECTION (1)** shall not limit
- 16 the intentional exposure of patients to radiation for the purpose
- 17 of lawful therapy or research conducted by licensed health
- 18 professionals.
- 19 (3) The department shall promulgate rules specifying the
- 20 minimum training and performance standards for an individual using
- 21 a radiation machine for mammography as set forth in section 13523.
- 22 Sec. 13522. (1) In promulgating rules pursuant to this part,
- 23 the department shall avoid requiring dual licensing, insofar as
- 24 practical. Rules promulgated by the department may provide for
- 25 recognition of other state or federal licenses as the department
- 26 considers desirable. -, subject to registration requirements
- 27 prescribed by the department. A person who, on the effective date

- 1 of an agreement under Act No. 54 of the Public Acts of 1965, being
- 2 sections 3.801 to 3.802 of the Michigan Compiled Laws 1965 PA 54,
- 3 MCL 3.801 TO 3.802, possesses a license issued by the federal
- 4 government for a source of ionizing radiation of the type for which
- 5 the state assumes regulatory responsibility under the agreement, is
- 6 considered to possess an identical license issued pursuant to this
- 7 part, which license expires either 90 days after receipt of a
- 8 written notice of termination from the department or on the date of
- 9 expiration stated in the federal license, whichever occurs first.
- 10 (2) The department may promulgate rules to establish a
- 11 schedule of fees to be paid by applicants for licenses for
- 12 radioactive materials and devices and equipment utilizing the
- 13 radioactive materials.
- 14 (3) Except as otherwise provided in this subsection, the
- 15 department may promulgate rules to establish a schedule of fees to
- 16 be paid by an applicant for a license for other sources of ionizing
- 17 radiation and the renewal of the license. -, and by a person
- 18 possessing sources of ionizing radiation that are subject to
- 19 registration. The registration or registration renewal fee for a
- 20 radiation machine registered under this part is \$45.00 for the
- 21 first veterinary or dental x-ray or electron tube and \$25.00 for
- 22 each additional veterinary or dental x-ray or electron tube
- 23 annually, or \$75.00 annually per nonveterinary or nondental x-ray
- 24 or electron tube. The department shall not assess a fee for the
- 25 amendment of a radiation machine registration certificate. In
- 26 addition, the department shall assess a fee of \$100.00 for each
- 27 follow-up inspection due to noncompliance during the same year.

Т	The department may accept a written certification from the licensee
2	or registrant that the items of noncompliance have been corrected
3	instead of performing a follow-up inspection. If the department
4	does not inspect a source of ionizing radiation for a period of 5
5	consecutive years, the licensee -or registrant of the source of
6	ionizing radiation does not have to pay further license —or
7	registration fees as to that source of ionizing radiation until
8	the first license <del>or registration</del> renewal date following the time
9	an inspection of the source of ionizing radiation is made.
LO	(4) A fee collected under this part shall be deposited in the
L1	state treasury and credited to the general fund of this state.
L2	(5) Except as otherwise provided in subsection (6), the
L3	department shall assess the following nonrefundable fees in
L <b>4</b>	connection with mammography authorization:
L5	(a) Inspection, per radiation machine \$ 100.00
L6	(b) Reinspection for reinstatement of mammography
L7	authorization, per radiation machine \$ 100.00
L8	(c) Department evaluation of compliance with section
L9	13523(2)(a), per radiation machine \$ 700.00
20	Each reevaluation of a radiation machine due to failure
21	during the previous evaluation, relocation of the radiation
22	machine, or similar changes that could affect earlier evaluation
23	results \$ 300.00.
24	(6) If an applicant for mammography authorization submits an
25	evaluation report issued by the American college of radiology that
26	evidences compliance with section 13523(2)(a), the department shall
7	waive the fee under subsection (5) for department evaluation of

- 1 compliance with that provision.
- 2 (5) —(7)— Except as otherwise provided in —subsections
- 3 SUBSECTION (3), and (6), the department shall not waive a fee
- 4 required under this section.
- 5 (6) -(8) The department shall adjust on an annual basis the
- 6 fees prescribed by -subsections SUBSECTION (3) -and (5) by an
- 7 amount determined by the state treasurer to reflect the cumulative
- 8 annual percentage change in the Detroit consumer price index, not
- 9 to exceed 5%. As used in this subsection, "Detroit consumer price
- 10 index" means the most comprehensive index of consumer prices
- 11 available for the Detroit area from the bureau of labor statistics
- 12 of the United States department of labor.
- 13 Sec. 13525. A municipality or a department, agency, or
- 14 official of a municipality -may SHALL not license -, OR regulate
- 15 , or require the registration of a radioactive material or other
- 16 source of ionizing radiation.
- 17 Sec. 13535. A person who violates this part or a rule
- 18 promulgated under this part or who fails to obtain or comply with
- 19 conditions of licensure or registration under this part is guilty
- 20 of a misdemeanor, punishable by imprisonment for not more than 180
- 21 days, or a fine of not more than \$10,000.00, or both. A court may
- fine a person not more than \$2,000.00 for each violation of this
- 23 part. Each day a violation continues -shall be IS a separate
- 24 violation.
- 25 Sec. 13536. If, after thorough investigation by the
- 26 department, it is the judgment of the department that a person has
- 27 engaged in or is about to engage in an act or practice -which THAT

- 1 constitutes a violation of this part or OF a rule or order
- 2 PROMULGATED OR ISSUED UNDER THIS PART, the attorney general, at the
- 3 request of the department, shall -make application- APPLY to the
- 4 appropriate circuit court for an order enjoining the act or
- 5 practice or for an order directing compliance with this part or a
- 6 rule or order PROMULGATED OR issued -pursuant to- UNDER this part.
- 7 PART 135A. RADIATION MACHINE CONTROL
- 8 SEC. 13551. (1) AS USED IN THIS PART:
- 9 (A) "DEPARTMENT" MEANS THE DEPARTMENT OF COMMUNITY HEALTH.
- 10 (B) "IONIZING RADIATION" MEANS GAMMA RAYS AND X-RAYS, ALPHA
- 11 PARTICLES, BETA PARTICLES, HIGH SPEED ELECTRONS, NEUTRONS, PROTONS,
- 12 HIGH SPEED IONS, AND OTHER HIGH SPEED NUCLEAR PARTICLES.
- 13 (C) "MAMMOGRAPHY" MEANS RADIOGRAPHY OF THE BREAST FOR THE
- 14 PURPOSE OF ENABLING A PHYSICIAN TO DETERMINE THE PRESENCE, SIZE,
- 15 LOCATION, AND EXTENT OF CANCEROUS OR POTENTIALLY CANCEROUS TISSUE
- 16 IN THE BREAST.
- 17 (D) "MAMMOGRAPHY AUTHORIZATION" MEANS AUTHORIZATION UNDER
- 18 SECTION 13573 TO USE A RADIATION MACHINE FOR MAMMOGRAPHY.
- 19 (E) "MAMMOGRAPHY INTERPRETING PHYSICIAN" MEANS AN ALLOPATHIC
- 20 PHYSICIAN OR AN OSTEOPATHIC PHYSICIAN LICENSED UNDER ARTICLE 15 WHO
- 21 IS RESPONSIBLE FOR EVALUATING AND INTERPRETING MAMMOGRAPHIC IMAGES
- 22 AND WHO MEETS ALL OF THE FOLLOWING REQUIREMENTS:
- 23 (i) EXCEPT AS OTHERWISE PROVIDED IN THIS SUBPARAGRAPH, IS
- 24 CERTIFIED IN RADIOLOGY OR DIAGNOSTIC RADIOLOGY BY THE AMERICAN
- 25 BOARD OF RADIOLOGY OR THE AMERICAN OSTEOPATHIC BOARD OF RADIOLOGY,
- 26 HAS BEEN ELIGIBLE FOR CERTIFICATION IN RADIOLOGY OR DIAGNOSTIC
- 27 RADIOLOGY FOR NOT MORE THAN 3 YEARS, OR IS CERTIFIED OR DETERMINED

- 1 TO BE QUALIFIED IN RADIOLOGY OR DIAGNOSTIC RADIOLOGY BY ANOTHER
- 2 PROFESSIONAL ORGANIZATION APPROVED BY THE DEPARTMENT.
- 3 (ii) SHALL HAVE SUCCESSFULLY COMPLETED NOT LESS THAN 3 MONTHS
- 4 OF FORMAL TRAINING IN READING MAMMOGRAMS WITH INSTRUCTION IN
- 5 MEDICAL RADIATION PHYSICS, RADIATION EFFECTS, AND RADIATION
- 6 PROTECTION AND HAS DOCUMENTATION OF SUCCESSFUL COMPLETION OF THE
- 7 TRAINING THAT IS SATISFACTORY TO THE DEPARTMENT. FOR PURPOSES OF
- 8 THIS SUBPARAGRAPH, THE DEPARTMENT MAY ACCEPT TIME SPENT IN A
- 9 RESIDENCY PROGRAM THAT INCLUDES SPECIFIC TRAINING IN MAMMOGRAPHY IF
- 10 THE INDIVIDUAL HAS DOCUMENTATION OF THE RESIDENCY PROGRAM THAT IS
- 11 SATISFACTORY TO THE DEPARTMENT.
- 12 (iii) SHALL HAVE INITIAL TRAINING THAT INCLUDES DOCUMENTED
- 13 INTERPRETATION OF NOT LESS THAN 240 MAMMOGRAPHIC EXAMINATIONS IN
- 14 THE 6 MONTHS IMMEDIATELY PRECEDING THE PERFORMANCE OF INDEPENDENT
- 15 INTERPRETATION.
- 16 (iv) SHALL HAVE INTERPRETED OR MULTI-READ NOT LESS THAN 960
- 17 MAMMOGRAPHIC EXAMINATIONS DURING THE 24 MONTHS IMMEDIATELY
- 18 PRECEDING THE DATE OF THE MAMMOGRAPHY FACILITY'S ANNUAL INSPECTION
- 19 OR THE LAST DAY OF THE CALENDAR QUARTER PRECEDING THAT INSPECTION,
- 20 OR ANY DAY IN BETWEEN THOSE 2 DAYS. THE MAMMOGRAPHY FACILITY SHALL
- 21 CHOOSE 1 OF THE 3 DATES TO DETERMINE THE 24-MONTH PERIOD OF THIS
- 22 SUBPARAGRAPH.
- 23 (v) SHALL SUCCESSFULLY COMPLETE OR TEACH NOT LESS THAN 15
- 24 HOURS OF CONTINUING MEDICAL EDUCATION EVERY 3 YEARS AFTER THE
- 25 EFFECTIVE DATE OF THE AMENDATORY ACT THAT ADDED THIS PART IN THE
- 26 TECHNICAL ASPECTS OR CLINICAL ASPECTS, OR BOTH, OF MAMMOGRAPHY IN
- 27 COURSES OR PROGRAMS APPROVED BY THE INDIVIDUAL'S RESPECTIVE

- 1 SPECIALTY ORGANIZATION AND LICENSING BOARD AND HAS DOCUMENTATION OF
- 2 SUCCESSFUL COMPLETION OR TEACHING THAT IS SATISFACTORY TO THE
- 3 DEPARTMENT.
- 4 (vi) MAINTAINS ANNUAL RECORDS CONCERNING OUTCOME DATA FOR
- 5 CORRELATION OF POSITIVE MAMMOGRAMS TO BIOPSIES DONE, AND THE NUMBER
- 6 OF CANCERS DETECTED.
- 7 (F) "MAMMOGRAPHY SYSTEM" MEANS THE RADIATION MACHINE USED FOR
- 8 MAMMOGRAPHY; AUTOMATIC EXPOSURE CONTROL DEVICES; IMAGING SYSTEMS;
- 9 IMAGE PROCESSOR; DARKROOM; AND VIEWBOXES.
- 10 (G) "NON-IONIZING RADIATION" MEANS SOUND WAVES, RADAR WAVES,
- 11 MICROWAVES, RADIO FREQUENCY FIELDS, MAGNETIC FIELDS, AND VISIBLE,
- 12 INFRARED, OR ULTRAVIOLET LIGHT.
- 13 (H) "NON-IONIZING RADIATION DEVICE" MEANS A MACHINE OR DEVICE
- 14 THAT PRODUCES NON-IONIZING RADIATION IN INTENSITIES OR FREQUENCIES
- 15 SUBJECT TO REGULATION BY DEPARTMENT RULE.
- 16 (I) "PERSON" MEANS A PERSON AS DEFINED IN SECTION 1106 OR A
- 17 GOVERNMENTAL ENTITY.
- 18 (J) "RADIATION MACHINE" MEANS A MACHINE OR DEVICE THAT
- 19 PRODUCES IONIZING RADIATION IN ENERGIES OR INTENSITIES SUBJECT TO
- 20 REGULATION BY DEPARTMENT RULE.
- 21 (K) "RADIOGRAPHY" MEANS THE MAKING OF A FILM OR OTHER RECORD
- 22 OF AN INTERNAL STRUCTURE OF THE BODY BY PASSING X-RAYS THROUGH THE
- 23 BODY TO ACT ON FILM OR OTHER IMAGE RECEPTOR.
- 24 (1) "REGISTRATION" MEANS REGISTRATION OF A RADIATION MACHINE IN
- 25 WRITING WITH THE DEPARTMENT.
- 26 (2) IN ADDITION, ARTICLE 1 CONTAINS GENERAL DEFINITIONS AND
- 27 PRINCIPLES OF CONSTRUCTION APPLICABLE TO ALL ARTICLES IN THIS CODE.

- 1 SEC. 13555. A PERSON SHALL NOT MANUFACTURE, PRODUCE,
- 2 TRANSPORT, TRANSFER, DISPOSE OF, ACQUIRE, OWN, POSSESS, OR USE A
- 3 RADIATION MACHINE UNLESS THE RADIATION MACHINE IS REGISTERED OR
- 4 EXEMPTED BY THIS PART OR BY THE DEPARTMENT IN ACCORDANCE WITH RULES
- 5 PROMULGATED BY THE DEPARTMENT UNDER THIS PART.
- 6 SEC. 13556. SECTIONS 13555 AND 13565 TO 13586 DO NOT APPLY TO
- 7 THE FOLLOWING SOURCES OR CONDITIONS, EXCEPT AS NOTED:
- 8 (A) ELECTRICAL OR OTHER EQUIPMENT OR MATERIAL NOT INTENDED
- 9 PRIMARILY TO PRODUCE RADIATION WHICH, BY NATURE OF DESIGN, DOES NOT
- 10 PRODUCE RADIATION AT THE POINT OF NEAREST APPROACH AT A WEEKLY RATE
- 11 HIGHER THAN 1/10 THE APPROPRIATE LIMIT GENERALLY ACCEPTED BY THE
- 12 MEDICAL PROFESSION FOR ANY CRITICAL ORGAN EXPOSED. THE PRODUCTION
- 13 TESTING OR PRODUCTION SERVICING OF THE EQUIPMENT IS NOT EXEMPT.
- 14 (B) A RADIATION MACHINE DURING PROCESS OF MANUFACTURE OR IN
- 15 STORAGE OR TRANSIT. THE PRODUCTION TESTING OR PRODUCTION SERVICING
- 16 OF THE RADIATION MACHINE IS NOT EXEMPT.
- 17 (C) NON-IONIZING RADIATION SOURCES OR DEVICES, UNLESS
- 18 SPECIFICALLY ADDRESSED BY RULE PROMULGATED BY THE DEPARTMENT UNDER
- 19 THIS PART.
- 20 SEC. 13561. (1) THE GOVERNOR MAY ENTER INTO AGREEMENTS WITH
- 21 THE FEDERAL GOVERNMENT, OTHER STATES, OR INTERSTATE AGENCIES,
- 22 WHEREBY THE DEPARTMENT SHALL PERFORM FOR OR ON A COOPERATIVE BASIS
- 23 WITH THE FEDERAL GOVERNMENT, OTHER STATES, OR INTERSTATE AGENCIES
- 24 INSPECTIONS OR OTHER FUNCTIONS RELATING TO CONTROL OF RADIATION
- 25 MACHINES.
- 26 (2) AN AGREEMENT ENTERED INTO UNDER SUBSECTION (1) DOES NOT
- 27 TRANSFER, DELEGATE, OR IMPOSE UPON THE DEPARTMENT ANY POWER,

- 1 AUTHORITY, OR RESPONSIBILITY THAT IS NOT FULLY CONSISTENT WITH THIS
- 2 PART.
- 3 SEC. 13565. (1) THE DEPARTMENT IS DESIGNATED AS THE RADIATION
- 4 MACHINE CONTROL AGENCY OF THIS STATE.
- 5 (2) PURSUANT TO RULES PROMULGATED UNDER THIS PART, THE
- 6 DEPARTMENT SHALL REQUIRE REGISTRATION OF RADIATION MACHINES.
- 7 (3) THE DEPARTMENT SHALL DEVELOP AND CONDUCT PROGRAMS FOR
- 8 EVALUATION AND CONTROL OF HAZARDS ASSOCIATED WITH THE USE OF
- 9 RADIATION MACHINES.
- 10 (4) THE DEPARTMENT MAY DEVELOP AND CONDUCT PROGRAMS FOR
- 11 EVALUATION AND CONTROL OF HAZARDS ASSOCIATED WITH THE USE OF NON-
- 12 IONIZING RADIATION DEVICES.
- 13 SEC. 13566. IF THE DEPARTMENT FINDS THAT AN EMERGENCY EXISTS
- 14 REQUIRING IMMEDIATE ACTION TO PROTECT OCCUPATIONAL OR PUBLIC HEALTH
- 15 AND SAFETY, THE DEPARTMENT SHALL ISSUE AN ORDER, WITH OR WITHOUT
- 16 NOTICE OR HEARING, RECITING THE EXISTENCE OF THE EMERGENCY AND
- 17 PROVIDING FOR THE PROTECTION OF THE PUBLIC HEALTH AND SAFETY.
- 18 NOTWITHSTANDING THIS ACT OR THE ADMINISTRATIVE PROCEDURES ACT OF
- 19 1969, THE ORDER IS EFFECTIVE IMMEDIATELY. A PERSON TO WHOM THE
- 20 ORDER IS DIRECTED SHALL COMPLY WITH THE ORDER IMMEDIATELY. HOWEVER,
- 21 UPON REQUEST, THE DEPARTMENT SHALL GRANT THE PERSON A HEARING ON
- 22 THE ORDER OR ON AN ISSUE CONCERNING THE ORDER WITHIN 15 DAYS AFTER
- 23 RECEIPT OF THE REQUEST. ON THE BASIS OF THE FINDINGS OF FACT AND
- 24 CONCLUSIONS OF LAW MADE AT THE HEARING, THE DEPARTMENT SHALL
- 25 CONTINUE, MODIFY, OR REVOKE THE ORDER WITHIN 30 DAYS AFTER THE
- 26 HEARING.
- 27 SEC. 13567. (1) THE DEPARTMENT MAY ENTER AT ALL REASONABLE

- 1 TIMES UPON PRIVATE OR PUBLIC PROPERTY UPON WHICH RADIATION MACHINES
- 2 ARE REASONABLY BELIEVED TO BE LOCATED, WITH THE PERMISSION OF THE
- 3 OWNER OR CUSTODIAN OF THE PROPERTY, TO DETERMINE IF THE RADIATION
- 4 MACHINE IS IN COMPLIANCE WITH THIS PART AND THE RULES PROMULGATED
- 5 UNDER THIS PART.
- 6 (2) IF THE DEPARTMENT HAS PROBABLE CAUSE TO BELIEVE THAT A
- 7 VIOLATION OF THIS PART OR A RULE PROMULGATED UNDER THIS PART IS
- 8 BEING COMMITTED ON PRIVATE OR PUBLIC PROPERTY OR THAT THERE EXISTS
- 9 ON THE PROPERTY EVIDENCE OF SUCH A VIOLATION, AND PERMISSION TO
- 10 ENTER ON THE PROPERTY IS DENIED BY THE OWNER OR CUSTODIAN OF THE
- 11 PROPERTY, THE DEPARTMENT MAY MAKE AN AFFIDAVIT FOR A SEARCH WARRANT
- 12 UNDER 1966 PA 189, MCL 780.651 TO 780.659. THE SEARCH WARRANT
- 13 ISSUED TO THE DEPARTMENT UNDER 1966 PA 189, MCL 780.651 TO 780.659,
- 14 WILL COMMAND THE SHERIFF OR A LAW ENFORCEMENT OFFICER, WITH THE AID
- 15 OF THE DEPARTMENT, TO SEARCH THE PROPERTY AND SEIZE THE RADIATION
- 16 MACHINE THAT IS POSSESSED, CONTROLLED, OR USED WHOLLY OR PARTIALLY
- 17 IN VIOLATION OF THIS PART OR A RULE PROMULGATED UNDER THIS PART, OR
- 18 EVIDENCE OF A VIOLATION OF THIS PART OR A RULE PROMULGATED UNDER
- 19 THIS PART.
- 20 SEC. 13571. (1) THE DEPARTMENT SHALL PROMULGATE RULES
- 21 PROVIDING FOR THE REGISTRATION OF RADIATION MACHINES. THE
- 22 DEPARTMENT MAY PROMULGATE RULES FOR THE REGISTRATION OF NON-
- 23 IONIZING RADIATION DEVICES. IN PROMULGATING RULES UNDER THIS
- 24 SUBSECTION, THE DEPARTMENT MAY ESTABLISH REQUIREMENTS FOR EXEMPTION
- 25 FROM REGISTRATION, RECORD KEEPING, PERMISSIBLE LEVELS OF EXPOSURE,
- 26 NOTIFICATION AND REPORTS OF ACCIDENTS, PROTECTIVE MEASURES,
- 27 TECHNICAL QUALIFICATIONS OF PERSONNEL, HANDLING, POSTING AND

- 1 LABELING OF HAZARDOUS MACHINES, DEVICES, AND AREAS, SURVEYS, AND
- 2 MONITORING.
- 3 (2) IN PROMULGATING RULES UNDER SUBSECTION (1), THE DEPARTMENT
- 4 SHALL NOT LIMIT THE INTENTIONAL EXPOSURE OF A PATIENT TO RADIATION
- 5 FOR THE PURPOSE OF LAWFUL THERAPY OR RESEARCH CONDUCTED BY A
- 6 LICENSED HEALTH PROFESSIONAL.
- 7 (3) THE DEPARTMENT SHALL PROMULGATE RULES SPECIFYING THE
- 8 MINIMUM TRAINING AND PERFORMANCE STANDARDS FOR AN INDIVIDUAL USING
- 9 A RADIATION MACHINE FOR MAMMOGRAPHY AS SET FORTH IN SECTION 13573.
- 10 (4) THE DEPARTMENT SHALL PROMULGATE RULES SPECIFYING THE
- 11 MINIMUM TRAINING AND PERFORMANCE STANDARDS FOR AN INDIVIDUAL USING
- 12 A RADIATION MACHINE FOR HUMAN SCREENING OR FOR DIAGNOSTIC OR
- 13 THERAPEUTIC PURPOSES.
- 14 SEC. 13572. (1) EXCEPT AS OTHERWISE PROVIDED IN THIS
- 15 SUBSECTION, THE DEPARTMENT MAY PROMULGATE RULES TO ESTABLISH A
- 16 SCHEDULE OF FEES TO BE PAID BY AN APPLICANT FOR THE REGISTRATION OF
- 17 A RADIATION MACHINE OR A NON-IONIZING RADIATION DEVICE. THE
- 18 REGISTRATION OR REGISTRATION RENEWAL FEE FOR A RADIATION MACHINE
- 19 REGISTERED UNDER THIS PART IS \$45.00 FOR THE FIRST VETERINARY OR
- 20 DENTAL X-RAY OR ELECTRON TUBE AND \$25.00 FOR EACH ADDITIONAL
- 21 VETERINARY OR DENTAL X-RAY OR ELECTRON TUBE ANNUALLY, OR \$75.00
- 22 ANNUALLY PER NONVETERINARY OR NONDENTAL X-RAY OR ELECTRON TUBE. THE
- 23 DEPARTMENT SHALL NOT ASSESS A FEE FOR THE AMENDMENT OF A RADIATION
- 24 MACHINE REGISTRATION CERTIFICATE. IN ADDITION, THE DEPARTMENT SHALL
- 25 ASSESS A FEE OF \$100.00 FOR EACH FOLLOW-UP INSPECTION DUE TO
- 26 NONCOMPLIANCE DURING THE SAME YEAR. THE DEPARTMENT MAY ACCEPT A
- 27 WRITTEN CERTIFICATION FROM THE REGISTRANT THAT THE ITEMS OF

1	NONCOMPLIANCE HAVE BEEN CORRECTED INSTEAD OF PERFORMING A FOLLOW-UP
2	INSPECTION. IF THE DEPARTMENT DOES NOT INSPECT A RADIATION MACHINE
3	OR NON-IONIZING RADIATION DEVICE FOR A PERIOD OF 5 CONSECUTIVE
4	YEARS, THE REGISTRANT OF THE RADIATION MACHINE OR NON-IONIZING
5	RADIATION DEVICE DOES NOT HAVE TO PAY FURTHER REGISTRATION FEES AS
6	TO THAT RADIATION MACHINE OR NON-IONIZING RADIATION DEVICE UNTIL
7	THE FIRST REGISTRATION RENEWAL DATE FOLLOWING THE TIME AN
8	INSPECTION OF THE RADIATION MACHINE OR NON-IONIZING RADIATION
9	DEVICE IS MADE.
10	(2) A FEE COLLECTED UNDER THIS PART SHALL BE DEPOSITED IN THE
11	STATE TREASURY AND CREDITED TO THE GENERAL FUND OF THIS STATE.
12	(3) EXCEPT AS OTHERWISE PROVIDED IN SUBSECTION (4), THE
13	DEPARTMENT SHALL ASSESS THE FOLLOWING NONREFUNDABLE FEES IN
14	CONNECTION WITH MAMMOGRAPHY AUTHORIZATION:
15	(A) INSPECTION, PER RADIATION MACHINE \$ 100.00
16	(B) REINSPECTION FOR REINSTATEMENT OF MAMMOGRAPHY
17	AUTHORIZATION, PER RADIATION MACHINE \$ 100.00
18	(C) DEPARTMENT EVALUATION OF COMPLIANCE WITH SECTION
19	13573(2)(A), PER RADIATION MACHINE \$ 700.00
20	(D) EACH REEVALUATION OF A RADIATION MACHINE DUE TO FAILURE
21	DURING THE PREVIOUS EVALUATION, RELOCATION OF THE RADIATION
22	MACHINE, OR SIMILAR CHANGES THAT COULD AFFECT EARLIER EVALUATION

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RESULTS ..... \$ 300.00.

EVALUATION REPORT ISSUED BY THE AMERICAN COLLEGE OF RADIOLOGY THAT

EVIDENCES COMPLIANCE WITH SECTION 13573(2)(A), THE DEPARTMENT SHALL

WAIVE THE FEE UNDER SUBSECTION (3) FOR DEPARTMENT EVALUATION OF

(4) IF AN APPLICANT FOR MAMMOGRAPHY AUTHORIZATION SUBMITS AN

- 1 COMPLIANCE WITH THAT PROVISION.
- 2 (5) EXCEPT AS OTHERWISE PROVIDED IN SUBSECTIONS (1) AND (4),
- 3 THE DEPARTMENT SHALL NOT WAIVE A FEE REQUIRED UNDER THIS SECTION.
- 4 (6) THE DEPARTMENT SHALL ADJUST ON AN ANNUAL BASIS THE FEES
- 5 PRESCRIBED BY SUBSECTIONS (1) AND (3) BY AN AMOUNT DETERMINED BY
- 6 THE STATE TREASURER TO REFLECT THE CUMULATIVE ANNUAL PERCENTAGE
- 7 CHANGE IN THE DETROIT CONSUMER PRICE INDEX, NOT TO EXCEED 5%. AS
- 8 USED IN THIS SUBSECTION, "DETROIT CONSUMER PRICE INDEX" MEANS THE
- 9 MOST COMPREHENSIVE INDEX OF CONSUMER PRICES AVAILABLE FOR THE
- 10 DETROIT AREA FROM THE BUREAU OF LABOR STATISTICS OF THE UNITED
- 11 STATES DEPARTMENT OF LABOR.
- 12 SEC. 13573. (1) A PERSON SHALL NOT USE A RADIATION MACHINE TO
- 13 PERFORM MAMMOGRAPHY UNLESS THE RADIATION MACHINE IS REGISTERED WITH
- 14 THE DEPARTMENT UNDER DEPARTMENT RULES FOR REGISTRATION OF RADIATION
- 15 MACHINES AND IS SPECIFICALLY AUTHORIZED UNDER THIS SECTION FOR USE
- 16 FOR MAMMOGRAPHY.
- 17 (2) THE DEPARTMENT SHALL AUTHORIZE A RADIATION MACHINE FOR USE
- 18 FOR MAMMOGRAPHY IF THE RADIATION MACHINE, THE PERSONNEL OPERATING
- 19 THE RADIATION MACHINE, AND THE FACILITY IN WHICH THE RADIATION
- 20 MACHINE IS USED MEET ALL OF THE FOLLOWING STANDARDS:
- 21 (A) THE RADIATION MACHINE AND THE FACILITY IN WHICH THE
- 22 RADIATION MACHINE IS USED MEET THE CRITERIA FOR THE AMERICAN
- 23 COLLEGE OF RADIOLOGY MAMMOGRAPHY ACCREDITATION PROGRAM DATED
- 24 AUGUST, 1993 AND AMENDED 1995 (RES. 24, 53) AND PUBLISHED BY THE
- 25 AMERICAN COLLEGE OF RADIOLOGY IN THE DOCUMENTS ENTITLED "ACR
- 26 STANDARDS FOR THE PERFORMANCE OF SCREENING MAMMOGRAPHY", WHICH
- 27 DOCUMENTS AND CRITERIA ARE INCORPORATED BY REFERENCE, EXCLUDING THE

- 1 PHYSICIAN INTERPRETER AND THE ACCREDITATION FEE SCHEDULE. THE
- 2 DEPARTMENT SHALL MAKE COPIES OF THOSE CRITERIA AVAILABLE TO THE
- 3 PUBLIC AND MAY BY RULE ADOPT MODIFIED CRITERIA. THE DEPARTMENT MAY
- 4 ACCEPT AN EVALUATION REPORT ISSUED BY THE AMERICAN COLLEGE OF
- 5 RADIOLOGY AS EVIDENCE THAT A RADIATION MACHINE, THE PERSONNEL
- 6 OPERATING THE RADIATION MACHINE, AND THE FACILITY IN WHICH THE
- 7 RADIATION MACHINE IS USED MEET THOSE CRITERIA. IF AT ANY TIME THE
- 8 DEPARTMENT DETERMINES THAT IT WILL NOT ACCEPT ANY EVALUATION
- 9 REPORTS ISSUED BY THE AMERICAN COLLEGE OF RADIOLOGY AS EVIDENCE
- 10 THAT A RADIATION MACHINE, THE PERSONNEL OPERATING THE RADIATION
- 11 MACHINE, AND THE FACILITY IN WHICH THE RADIATION MACHINE IS USED
- 12 MEET THOSE CRITERIA, THE DEPARTMENT SHALL PROMPTLY NOTIFY EACH
- 13 PERSON WHO HAS REGISTERED A RADIATION MACHINE USED EXCLUSIVELY TO
- 14 PERFORM MAMMOGRAPHY UNDER THIS PART AND THE RULES PROMULGATED UNDER
- 15 THIS PART.
- 16 (B) THE RADIATION MACHINE, THE FILM OR OTHER IMAGE RECEPTOR
- 17 USED IN THE RADIATION MACHINE, AND THE FACILITY IN WHICH THE
- 18 RADIATION MACHINE IS USED MEET THE REQUIREMENTS SET FORTH IN
- 19 DEPARTMENT RULES FOR RADIATION MACHINES.
- 20 (C) THE RADIATION MACHINE IS SPECIFICALLY DESIGNED TO PERFORM
- 21 MAMMOGRAPHY.
- 22 (D) THE FACILITY IN WHICH THE RADIATION MACHINE IS USED DOES
- 23 ALL OF THE FOLLOWING:
- 24 (i) AT LEAST ANNUALLY HAS A QUALIFIED RADIATION PHYSICIST
- 25 PROVIDE ON-SITE CONSULTATION TO THE FACILITY, INCLUDING, BUT NOT
- 26 LIMITED TO, A COMPLETE EVALUATION OF THE ENTIRE MAMMOGRAPHY SYSTEM
- 27 TO ENSURE COMPLIANCE WITH THIS PART AND THE RULES PROMULGATED UNDER

- 1 THIS PART.
- 2 (ii) MAINTAINS FOR AT LEAST 7 YEARS RECORDS OF THE CONSULTATION
- 3 REQUIRED IN SUBPARAGRAPH (i) AND THE FINDINGS OF THE CONSULTATION.
- 4 (iii) DESIGNATES A MAMMOGRAPHY INTERPRETING PHYSICIAN AS THE
- 5 LEAD INTERPRETING PHYSICIAN. THE DESIGNATED PHYSICIAN IS
- 6 RESPONSIBLE FOR THE CLINICAL ASPECTS OF THE X-RAY EXAMINATIONS AND
- 7 OTHER PROCEDURES RELATED TO MAMMOGRAPHY. THE PHYSICIAN DESIGNATED
- 8 UNDER THIS SUBPARAGRAPH IS ALSO RESPONSIBLE FOR CONDUCTING AN ON-
- 9 SITE VISIT TO EACH MAMMOGRAPHY STATION WITHIN THE FACILITY AT LEAST
- 10 MONTHLY FOR THE PURPOSE OF PROVIDING PROFESSIONAL FEEDBACK
- 11 REGARDING CLINICAL IMAGE QUALITY AND QUALITY ASSURANCE PROCEDURES,
- 12 FOR REVIEW OF QUALITY CONTROL DOCUMENTATION, AND FOR ENSURING THAT
- 13 SAFE OPERATING PROCEDURES ARE USED IN THE DELIVERY OF MAMMOGRAPHIC
- 14 SERVICES. IF THE PHYSICIAN DESIGNATED UNDER THIS SUBPARAGRAPH
- 15 PRACTICES PRIMARILY OUTSIDE OF THE FACILITY, THE PHYSICIAN SHALL
- 16 KEEP A LOG OF EACH ON-SITE VISIT SIGNED BY THE PHYSICIAN. THE CHIEF
- 17 ADMINISTRATIVE OFFICER OF THE FACILITY OR HIS OR HER DESIGNEE MAY
- 18 REQUEST TO VIEW THE LOG AT ANY TIME.
- 19 (iv) SUBMITS, AS PART OF THE APPLICATION FOR AUTHORIZATION AND
- 20 SUBSEQUENT RENEWALS, EVIDENCE OF A SURETY BOND, SECURED TRUST FUND,
- 21 OR OTHER SUITABLE SECURED INSTRUMENT OR MECHANISM THAT IS APPROVED
- 22 BY THE DEPARTMENT AND THAT INSURES PROPER PATIENT MAMMOGRAPHY
- 23 RECORD AND FILM HANDLING AND TRANSFER IN THE EVENT OF FACILITY
- 24 CLOSURE. THE FACILITY SHALL ATTEST THAT THE METHOD OF COVERAGE
- 25 CHOSEN WILL COMPLETELY COVER ALL COSTS INVOLVED AND WILL BE
- 26 ADJUSTED, AS NEEDED, ACCORDINGLY.
- 27 (E) THE RADIATION MACHINE IS USED ACCORDING TO DEPARTMENT

- 1 RULES ON PATIENT RADIATION EXPOSURE AND RADIATION DOSE LEVELS.
- 2 (F) EACH INDIVIDUAL WHO OPERATES THE RADIATION MACHINE CAN
- 3 DEMONSTRATE TO THE DEPARTMENT THAT HE OR SHE IS SPECIFICALLY
- 4 TRAINED IN MAMMOGRAPHY AND MEETS THE STANDARDS REQUIRED BY THE
- 5 RULES PROMULGATED UNDER SECTION 13571(3) OR IS AN ALLOPATHIC
- 6 PHYSICIAN OR AN OSTEOPATHIC PHYSICIAN.
- 7 (G) THE X-RAY IMAGES OF EACH MAMMOGRAPHIC EXAMINATION
- 8 PERFORMED WITH THE RADIATION MACHINE ARE INTERPRETED BY A
- 9 MAMMOGRAPHY INTERPRETING PHYSICIAN.
- 10 (3) THE DEPARTMENT MAY ISSUE A NONRENEWABLE TEMPORARY
- 11 AUTHORIZATION FOR A RADIATION MACHINE FOR USE FOR MAMMOGRAPHY IF
- 12 ADDITIONAL TIME IS NEEDED TO ALLOW SUBMISSION OF EVIDENCE
- 13 SATISFACTORY TO THE DEPARTMENT THAT THE RADIATION MACHINE, THE
- 14 PERSONNEL OPERATING THE RADIATION MACHINE, AND THE FACILITY IN
- 15 WHICH THE RADIATION MACHINE IS USED MEET THE STANDARDS SET FORTH IN
- 16 SUBSECTION (2) FOR APPROVAL FOR MAMMOGRAPHY. A TEMPORARY
- 17 AUTHORIZATION GRANTED UNDER THIS SUBSECTION IS EFFECTIVE FOR NO
- 18 MORE THAN 12 MONTHS. THE DEPARTMENT MAY WITHDRAW A TEMPORARY
- 19 AUTHORIZATION BEFORE ITS EXPIRATION IF THE RADIATION MACHINE, THE
- 20 PERSONNEL OPERATING THE RADIATION MACHINE, OR THE FACILITY IN WHICH
- 21 THE RADIATION MACHINE IS USED DOES NOT MEET 1 OR MORE OF THE
- 22 STANDARDS SET FORTH IN SUBSECTION (2).
- 23 (4) TO OBTAIN AUTHORIZATION FROM THE DEPARTMENT TO USE A
- 24 RADIATION MACHINE FOR MAMMOGRAPHY, THE PERSON WHO OWNS OR LEASES
- 25 THE RADIATION MACHINE OR AN AUTHORIZED AGENT OF THE PERSON SHALL
- 26 APPLY TO THE DEPARTMENT FOR MAMMOGRAPHY AUTHORIZATION ON AN
- 27 APPLICATION FORM PROVIDED BY THE DEPARTMENT AND SHALL PROVIDE ALL

- 1 OF THE INFORMATION REQUIRED BY THE DEPARTMENT AS SPECIFIED ON THE
- 2 APPLICATION FORM. A PERSON WHO OWNS OR LEASES MORE THAN 1 RADIATION
- 3 MACHINE USED FOR MAMMOGRAPHY SHALL OBTAIN AUTHORIZATION FOR EACH
- 4 RADIATION MACHINE. THE DEPARTMENT SHALL PROCESS AND RESPOND TO AN
- 5 APPLICATION WITHIN 30 DAYS AFTER THE DATE OF RECEIPT OF THE
- 6 APPLICATION. UPON DETERMINING TO GRANT MAMMOGRAPHY AUTHORIZATION
- 7 FOR A RADIATION MACHINE, THE DEPARTMENT SHALL ISSUE A CERTIFICATE
- 8 OF REGISTRATION SPECIFYING MAMMOGRAPHY AUTHORIZATION FOR EACH
- 9 AUTHORIZED RADIATION MACHINE. A MAMMOGRAPHY AUTHORIZATION IS
- 10 EFFECTIVE FOR 3 YEARS CONTINGENT UPON THE RADIATION MACHINE FOR
- 11 WHICH THE MAMMOGRAPHY AUTHORIZATION IS ISSUED, THE PERSONNEL
- 12 OPERATING THE RADIATION MACHINE, AND THE FACILITY IN WHICH THE
- 13 RADIATION MACHINE IS OPERATED MEETING 1 OF THE FOLLOWING
- 14 REQUIREMENTS:
- 15 (A) MAINTAINING CONTINUED ACCREDITATION BY THE AMERICAN
- 16 COLLEGE OF RADIOLOGY.
- 17 (B) HAVING AN ACTIVE ACCREDITATION APPLICATION IN PROCESS WITH
- 18 THE AMERICAN COLLEGE OF RADIOLOGY.
- 19 (C) MAINTAINING APPROVAL OR BEING IN THE PROCESS OF OBTAINING
- 20 APPROVAL UNDER A DEPARTMENT EVALUATION PROCESS EQUIVALENT TO THAT
- 21 DESCRIBED IN SUBDIVISIONS (A) AND (B).
- 22 (5) NO LATER THAN 90 DAYS AFTER INITIAL MAMMOGRAPHY
- 23 AUTHORIZATION OF A RADIATION MACHINE UNDER THIS SECTION, THE
- 24 DEPARTMENT SHALL INSPECT THE RADIATION MACHINE. AFTER THAT INITIAL
- 25 INSPECTION, THE DEPARTMENT SHALL ANNUALLY INSPECT THE RADIATION
- 26 MACHINE AND MAY INSPECT THE RADIATION MACHINE MORE FREQUENTLY. THE
- 27 DEPARTMENT SHALL MAKE REASONABLE EFFORTS TO COORDINATE THE

- 1 INSPECTIONS UNDER THIS SECTION WITH THE DEPARTMENT'S OTHER
- 2 INSPECTIONS OF THE FACILITY IN WHICH THE RADIATION MACHINE IS
- 3 LOCATED.
- 4 (6) AFTER EACH SATISFACTORY INSPECTION BY THE DEPARTMENT, THE
- 5 DEPARTMENT SHALL ISSUE A CERTIFICATE OF RADIATION MACHINE
- 6 INSPECTION OR A SIMILAR DOCUMENT IDENTIFYING THE FACILITY AND
- 7 RADIATION MACHINE INSPECTED AND PROVIDING A RECORD OF THE DATE THE
- 8 RADIATION MACHINE WAS INSPECTED. THE FACILITY SHALL POST THE
- 9 CERTIFICATE OR OTHER DOCUMENT NEAR THE INSPECTED RADIATION MACHINE.
- 10 (7) THE DEPARTMENT MAY WITHDRAW THE MAMMOGRAPHY AUTHORIZATION
- 11 FOR A RADIATION MACHINE IF IT DOES NOT MEET 1 OR MORE OF THE
- 12 STANDARDS SET FORTH IN SUBSECTION (2).
- 13 (8) THE DEPARTMENT SHALL PROVIDE AN OPPORTUNITY FOR A HEARING
- 14 IN CONNECTION WITH A DENIAL OR WITHDRAWAL OF MAMMOGRAPHY
- 15 AUTHORIZATION.
- 16 (9) UPON A FINDING THAT A DEFICIENCY IN A RADIATION MACHINE
- 17 USED FOR MAMMOGRAPHY OR A VIOLATION OF THIS PART OR THE RULES
- 18 PROMULGATED UNDER THIS PART SERIOUSLY AFFECTS THE HEALTH, SAFETY,
- 19 AND WELFARE OF INDIVIDUALS UPON WHOM THE RADIATION MACHINE IS USED
- 20 FOR MAMMOGRAPHY, THE DEPARTMENT MAY ISSUE AN EMERGENCY ORDER
- 21 SUMMARILY WITHDRAWING THE MAMMOGRAPHY AUTHORIZATION FOR THE
- 22 RADIATION MACHINE. THE DEPARTMENT SHALL INCORPORATE ITS FINDINGS IN
- 23 THE ORDER AND SHALL PROVIDE AN OPPORTUNITY FOR A HEARING WITHIN 5
- 24 WORKING DAYS AFTER ISSUANCE OF THE ORDER. THE ORDER IS EFFECTIVE
- 25 DURING THE PROCEEDINGS.
- 26 (10) IF THE DEPARTMENT WITHDRAWS THE MAMMOGRAPHY AUTHORIZATION
- 27 FOR A RADIATION MACHINE, THE RADIATION MACHINE SHALL NOT BE USED

- 1 FOR MAMMOGRAPHY. AN APPLICATION FOR REINSTATEMENT OF A MAMMOGRAPHY
- 2 AUTHORIZATION SHALL BE FILED AND PROCESSED IN THE SAME MANNER AS AN
- 3 APPLICATION FOR MAMMOGRAPHY AUTHORIZATION UNDER SUBSECTION (4),
- 4 EXCEPT THAT THE DEPARTMENT SHALL NOT ISSUE A REINSTATED CERTIFICATE
- 5 OF MAMMOGRAPHY REGISTRATION UNTIL THE DEPARTMENT RECEIVES THE
- 6 REINSPECTION FEE REQUIRED UNDER SECTION 13572(3), INSPECTS THE
- 7 RADIATION MACHINE, AND DETERMINES THAT IT MEETS THE STANDARDS SET
- 8 FORTH IN SUBSECTION (2). THE DEPARTMENT SHALL CONDUCT AN INSPECTION
- 9 REQUIRED UNDER THIS SUBSECTION NO LATER THAN 60 DAYS AFTER
- 10 RECEIVING A PROPER APPLICATION FOR REINSTATEMENT OF A MAMMOGRAPHY
- 11 AUTHORIZATION.
- 12 (11) IN ADDITION TO THE PENALTIES PROVIDED IN SECTION 13585
- 13 AND THE REINSPECTION FEE REQUIRED UNDER SECTION 13572, IF A PERSON
- 14 VIOLATES SUBSECTION (1), THE DEPARTMENT MAY IMPOSE AN
- 15 ADMINISTRATIVE FINE AGAINST THE OWNER OF THE RADIATION MACHINE OR,
- 16 IF A LESSEE OF THE RADIATION MACHINE HAS EFFECTIVE CONTROL OF THE
- 17 RADIATION MACHINE, THE LESSEE, OF NOT MORE THAN \$500.00 FOR EACH
- 18 CALENDAR WEEK IN WHICH A MAMMOGRAPHY IS PERFORMED IN VIOLATION OF
- 19 SUBSECTION (1). IF A PERSON CONTINUES TO VIOLATE SUBSECTION (1) FOR
- 20 A PERIOD OF 2 WEEKS AFTER A FINE IS IMPOSED UNDER THIS SUBSECTION,
- 21 THE DEPARTMENT SHALL POST A CONSPICUOUS NOTICE ON THE UNAUTHORIZED
- 22 RADIATION MACHINE AND AT THE ENTRY TO THE FACILITY WHERE THE
- 23 RADIATION MACHINE IS LOCATED WARNING THE PUBLIC THAT THE FACILITY
- 24 IS PERFORMING MAMMOGRAPHY USING A RADIATION MACHINE THAT IS A
- 25 SUBSTANTIAL HAZARD TO THE PUBLIC HEALTH.
- 26 (12) THE DEPARTMENT MAY PROMULGATE RULES NECESSARY TO
- 27 IMPLEMENT THIS SECTION AFTER CONSULTATION WITH THE IONIZING

- 1 RADIATION ADVISORY COMMITTEE ESTABLISHED UNDER SECTION 13581.
- 2 SEC. 13574. (1) A FACILITY IN WHICH A RADIATION MACHINE IS
- 3 LOCATED SHALL ENSURE THAT ALL INDIVIDUALS, EXCEPT LICENSED MEMBERS
- 4 OF THE HEALING ARTS, USING THE RADIATION MACHINE FOR HUMAN
- 5 SCREENING OR FOR DIAGNOSTIC OR THERAPEUTIC PURPOSES ARE ADEQUATELY
- 6 INSTRUCTED IN THE SAFE OPERATING PROCEDURES OF THE RADIATION
- 7 MACHINE, PURSUANT TO THIS SECTION. THE FACILITY SHALL ENSURE THAT
- 8 THESE INDIVIDUALS MEET THE SPECIFIC REQUIREMENTS OF THIS SECTION.
- 9 THE DEPARTMENT MAY USE INTERVIEW, OBSERVATION, OR BOTH, TO
- 10 DETERMINE COMPLIANCE WITH THIS SECTION. A FACILITY DESCRIBED IN
- 11 THIS SUBSECTION SHALL MAINTAIN RECORDS IN ORDER TO DEMONSTRATE
- 12 COMPLIANCE WITH THIS SECTION.
- 13 (2) LIMITED SCOPE OPERATORS ARE LIMITED IN SCOPE OF PRACTICE
- 14 TO ONLY THOSE PROCEDURES LISTED IN SUBSECTION (6). LIMITED SCOPE
- 15 OPERATORS SHALL MEET THE PREREQUISITE QUALIFICATIONS, RECEIVE
- 16 TRAINING, AND DEMONSTRATE COMPETENCE AS FOLLOWS:
- 17 (A) SHALL COMPLETE AT LEAST 48 HOURS OF DIDACTIC INSTRUCTION
- 18 IN A FORMAL PROGRAM, APPROVED BY THE DEPARTMENT, AS PRESCRIBED IN
- 19 SUBSECTION (7).
- 20 (B) ACHIEVE A PASSING SCORE OF 70% ON THE CERTIFICATION
- 21 EXAMINATION FOR THE LIMITED SCOPE OF PRACTICE IN RADIOGRAPHY
- 22 DEVELOPED BY THE AMERICAN REGISTRY OF RADIOLOGIC TECHNOLOGISTS AND
- 23 APPROVED BY THE DEPARTMENT IN AT LEAST 1 BUT NO MORE THAN 3 OF THE
- 24 LIMITED SCOPE CATEGORIES OF CHEST, EXTREMITIES, SKULL/SINUS, SPINE,
- 25 OR PODIATRIC. A FACILITY NEEDING TO PERFORM EXAMINATIONS IN
- 26 ADDITION TO ANY 3 OF THESE CATEGORIES SHALL EMPLOY A COMPREHENSIVE
- 27 SCOPE OPERATOR ACCORDING TO SUBSECTION (3). A PASSING SCORE ON THE

- 1 BASIC CHIROPRACTIC X-RAY TECHNOLOGY EXAMINATION GIVEN THROUGH THE
- 2 AMERICAN CHIROPRACTIC REGISTRY OF RADIOLOGIC TECHNOLOGISTS AND
- 3 APPROVED BY THE DEPARTMENT IS CONSIDERED TO MEET THE REQUIREMENTS
- 4 OF THIS SUBDIVISION FOR LIMITED SCOPE SPINAL RADIOGRAPHY.
- 5 (C) SHALL COMPETE THE CLINICAL EXPERIENCE REQUIREMENTS IN
- 6 SUBSECTION (8).
- 7 (D) INDIVIDUALS WHO HAVE BEEN ACTIVELY WORKING AS A MEDICAL X-
- 8 RAY OPERATOR FOR AT LEAST 6 MONTHS BEFORE THE EFFECTIVE DATE OF
- 9 THIS PART ARE EXEMPT FROM THE REQUIREMENTS OF SUBDIVISION (C).
- 10 THESE INDIVIDUALS SHALL DOCUMENT COMPLETION OF THE DIDACTIC
- 11 TRAINING REQUIREMENTS IN SUBDIVISION (A) AND THE EXAMINATION
- 12 REQUIREMENTS IN SUBDIVISION (B) WITHIN 3 YEARS OF THE EFFECTIVE
- 13 DATE OF THIS PART.
- 14 (E) SHALL OBTAIN NOT LESS THAN 15 HOURS, IN ANY 3-YEAR PERIOD,
- 15 OF CONTINUING EDUCATION IN THE TECHNICAL OR CLINICAL, OR BOTH,
- 16 ASPECTS AND RELATED SUBJECTS OF X-RAY EXAMINATIONS IN THEIR SCOPE
- 17 OF PRACTICE.
- 18 (3) COMPREHENSIVE SCOPE OPERATORS ARE NOT LIMITED IN SCOPE OF
- 19 PRACTICE FOR PERFORMING MEDICAL X-RAY PROCEDURES. COMPREHENSIVE
- 20 SCOPE OPERATORS MUST MEET THE PREREQUISITE QUALIFICATIONS, RECEIVE
- 21 TRAINING, AND DEMONSTRATE COMPETENCE AS FOLLOWS:
- 22 (A) SHALL MEET THE STANDARDS FOR ISSUANCE OF A REGISTRATION
- 23 CERTIFICATE AS A REGISTERED TECHNOLOGIST FROM THE AMERICAN REGISTRY
- 24 OF RADIOLOGIC TECHNOLOGISTS OR OTHER NATIONALLY RECOGNIZED
- 25 ACCREDITATION BODY. THESE STANDARDS, ENTITLED "RULES AND
- 26 REGULATIONS", AS REVISED IN FEBRUARY, 1990, AND "BY-LAWS", AS
- 27 REVISED IN SEPTEMBER, 1989, PUBLISHED BY THE AMERICAN REGISTRY OF

- 1 RADIOLOGIC TECHNOLOGISTS, ARE INCORPORATED BY REFERENCE. THESE
- 2 STANDARDS ARE AVAILABLE FROM THE RADIATION SAFETY SECTION, MICHIGAN
- 3 DEPARTMENT OF COMMUNITY HEALTH, 611 WEST OTTAWA STREET, P.O. BOX
- 4 30664, LANSING, MICHIGAN, 48909, AT NO CHARGE. THE STANDARDS ARE
- 5 ALSO AVAILABLE FROM THE AMERICAN REGISTRY OF RADIOLOGIC
- 6 TECHNOLOGISTS, 1255 NORTHLAND DRIVE, ST. PAUL, MINNESOTA, 55120, AT
- 7 NO CHARGE. A DETERMINATION BY THE AMERICAN REGISTRY OF RADIOLOGIC
- 8 TECHNOLOGISTS THAT AN INDIVIDUAL MEETS ITS RESPECTIVE STANDARDS FOR
- 9 ISSUANCE OF A REGISTRATION CERTIFICATE IS PRIMA FACIE EVIDENCE TO
- 10 THE DEPARTMENT THAT THE INDIVIDUAL COMPLIES WITH THE STANDARDS.
- 11 (B) SHALL, IF THE SCOPE OF PRACTICE INCLUDES SPECIALTIES SUCH
- 12 AS COMPUTED TOMOGRAPHY OR RADIATION THERAPY, MEET THE STANDARDS FOR
- 13 ISSUANCE OF ADVANCED CERTIFICATION IN THAT SPECIALITY FROM THE
- 14 AMERICAN REGISTRY OF RADIOLOGIC TECHNOLOGISTS, AS APPROVED BY THE
- 15 DEPARTMENT.
- 16 (4) DENTAL X-RAY OPERATORS, EXCEPT DENTISTS LICENSED UNDER
- 17 ARTICLE 15, SHALL MEET THE PREREQUISITE QUALIFICATIONS, RECEIVE
- 18 TRAINING, AND DEMONSTRATE COMPETENCE AS FOLLOWS:
- 19 (A) SHALL COMPLETE AT LEAST 36 HOURS OF DIDACTIC INSTRUCTION
- 20 IN A FORMAL PROGRAM, APPROVED BY THE DEPARTMENT, AS PRESCRIBED IN
- 21 SUBSECTION (9).
- 22 (B) GRADUATES OF A DENTAL HYGIENE OR DENTAL ASSISTING PROGRAM
- 23 CERTIFIED BY THE COMMISSION ON DENTAL ACCREDITATION AND APPROVED BY
- 24 THE DEPARTMENT ARE CONSIDERED TO HAVE MET THE REQUIREMENTS OF
- 25 SUBDIVISION (A).
- 26 (C) INDIVIDUALS WHO HAVE BEEN ACTIVELY WORKING AS A DENTAL X-
- 27 RAY OPERATOR FOR AT LEAST 6 MONTHS BEFORE THE EFFECTIVE DATE OF

- 1 THIS PART SHALL DOCUMENT COMPLETION OF THE DIDACTIC TRAINING
- 2 REQUIREMENTS OF SUBDIVISION (A) OR (B) WITHIN 3 YEARS AFTER THE
- 3 EFFECTIVE DATE OF THIS PART.
- 4 (5) VETERINARY X-RAY OPERATORS, UNLESS UNDER THE DIRECT
- 5 SUPERVISION OF A VETERINARIAN LICENSED UNDER ARTICLE 15, SHALL MEET
- 6 THE PREREQUISITE QUALIFICATIONS, RECEIVE TRAINING, AND DEMONSTRATE
- 7 COMPETENCE AS FOLLOWS:
- 8 (A) SHALL COMPLETE AT LEAST 36 HOURS OF DIDACTIC INSTRUCTION
- 9 IN A FORMAL PROGRAM APPROVED BY THE DEPARTMENT AS PRESCRIBED IN
- 10 SUBSECTION (10).
- 11 (B) INDIVIDUALS WHO HAVE BEEN ACTIVELY WORKING AS A VETERINARY
- 12 X-RAY OPERATOR FOR AT LEAST 6 MONTHS BEFORE THE EFFECTIVE DATE OF
- 13 THIS PART SHALL DOCUMENT COMPLETION OF THE DIDACTIC TRAINING
- 14 REQUIREMENTS IN SUBDIVISION (A) WITHIN 3 YEARS AFTER THE EFFECTIVE
- 15 DATE OF THIS PART.
- 16 (6) LIMITED SCOPE X-RAY OPERATORS, AS DESCRIBED IN SUBSECTION
- 17 (2), SHALL PERFORM ONLY THE FOLLOWING SPECIFIC X-RAY EXAMINATIONS:
- 18 (A) THE FOLLOWING X-RAY EXAMINATIONS OF THE EXTREMITIES:
- 19 (i) HAND AND FINGERS...... PA, LATERAL, OBLIQUE.
- 20 (ii) WRISTS ...... PA, LATERAL, OBLIQUE.

- 23 (v) HUMERUS ..... AP, LATERAL.
- 24 (vi) FOOT AND TOES...... AP, LATERAL, OBLIQUE.

- 1 (x) FEMUR ...... AP, LATERAL.
- 2 (B) THE FOLLOWING X-RAY EXAMINATIONS OF THE SPINE:
- 3 (i) CERVICAL SPINE...... AP, LATERAL, ODONTOID,
- 4 NON-TRAUMA, SWIMMER'S NON-TRAUMA.
- 5 (ii) THORACIC SPINE ......AP, LATERAL, SWIMMER'S NON-TRAUMA.
- 7 (C) PA, AP, LATERAL, OBLIQUE, DECUBITUS, AND APICAL LORDOTIC
- 8 X-RAY EXAMINATIONS OF THE CHEST.
- 9 (D) DP AND LATERAL X-RAY EXAMINATIONS OF THE ANKLE.
- 10 (E) THE FOLLOWING X-RAY EXAMINATIONS OF THE SKULL AND SINUS:
- 11 (i) ENTIRE SKULL.
- 12 (ii) PARANASAL SINUSES.
- 13 (iii) FACIAL BONES.
- 14 (iv) MANDIBLE AND TEMPOROMANDIBULAR JOINT.
- 15 (7) AN INDIVIDUAL DESCRIBED IN SUBSECTIONS (2) AND (3) SHALL
- 16 COMPLETE A MINIMUM OF 48 HOURS OF DIDACTIC TRAINING IN A FORMAL
- 17 TRAINING COURSE. AFTER SUCCESSFUL COMPLETION OF THE COURSE, THE
- 18 INDIVIDUAL SHALL PASS AN EXAMINATION APPROPRIATE TO HIS OR HER
- 19 SCOPE OF PRACTICE AND COMPLETE THE CLINICAL EXPERIENCE REQUIREMENTS
- 20 PRESCRIBED IN SUBSECTION (8). THE FORMAL TRAINING COURSE IS SUBJECT
- 21 TO DEPARTMENT APPROVAL AND SHALL PROVIDE INSTRUCTION IN ALL OF THE
- 22 FOLLOWING SUBJECTS:
- 23 (A) RADIATION PROTECTION INCLUDING ALL OF THE FOLLOWING:
- 24 (i) PATIENT PROTECTION.
- 25 (ii) PERSONNEL PROTECTION.
- 26 (iii) RADIATION EXPOSURE AND MONITORING.
- 27 (B) EQUIPMENT OPERATION AND MAINTENANCE INCLUDING ALL OF THE

- 1 FOLLOWING:
- 2 (i) RADIOGRAPHIC UNIT COMPONENTS.
- 3 (ii) PRINCIPLES OF X-RAY PRODUCTION.
- 4 (iii) RECOGNITION OF MALFUNCTIONS.
- 5 (C) IMAGE PRODUCTION AND EVALUATION INCLUDING ALL OF THE
- 6 FOLLOWING:
- 7 (i) SELECTION OF TECHNIQUE FACTORS.
- 8 (ii) FILM PROCESSING AND QUALITY ASSURANCE.
- 9 (iii) EVALUATION OF RADIOGRAPHS.
- 10 (D) PATIENT CARE INCLUDING ALL OF THE FOLLOWING:
- 11 (i) LEGAL AND PROFESSIONAL RESPONSIBILITIES.
- 12 (ii) PATIENT EDUCATION, SAFETY, AND COMFORT.
- 13 (iii) PREVENTION AND CONTROL OF INFECTION.
- 14 (iv) PATIENT MONITORING.
- 15 (E) RADIOGRAPHIC PROCEDURE POSITIONING.
- 16 (8) AN INDIVIDUAL WHO COMPLETES THE REQUIREMENTS OF SUBSECTION
- 17 (7) SHALL COMPLETE 1 MONTH OF CLINICAL TRAINING DURING WHICH TIME
- 18 HE OR SHE MAY PERFORM THE X-RAY EXAMINATIONS ALLOWED UNDER
- 19 SUBSECTION (6) ONLY UNDER THE DIRECT SUPERVISION OF THE PHYSICIAN
- 20 IN CHARGE, A COMPREHENSIVE SCOPE OPERATOR, OR A LIMITED SCOPE
- 21 OPERATOR WITH NO LESS THAN 3 YEARS OF EXPERIENCE. AN INDIVIDUAL
- 22 DESCRIBED IN THIS SUBSECTION SHALL BE TRAINED IN PROPER IMAGING
- 23 PROCEDURES AS LISTED BELOW:
- 24 (A) SELECTION OF APPROPRIATE FILM SIZE.
- 25 (B) SELECTION OF APPROPRIATE TECHNIQUE FACTORS.
- 26 (C) USE OF CORRECT SOURCE-TO-IMAGE DISTANCE.
- 27 (D) ESTABLISHMENT OF PROPER DIRECTION OF CENTRAL RAY.

- 1 (E) EXECUTION OF PROPER PATIENT POSITION.
- 2 (F) COLLIMATION OF THE X-RAY BEAM AS APPROPRIATE.
- 3 (G) PROVIDING GONADAL SHIELDING IF APPROPRIATE.
- 4 (H) USING CORRECT FILM MARKERS.
- 5 (I) GIVING PROPER PATIENT INSTRUCTION.
- 6 (J) PLACING PATIENT INFORMATION CORRECTLY ON THE FILM.
- 7 (K) COMPLETING EXAMINATION IN A TIMELY MANNER.
- 8 (1) OBTAINING DESIRED ANATOMY AND POSITIONING RESULTS ON THE
- 9 FILM.
- 10 (M) OBTAINING APPROPRIATE CONTRAST AND DENSITY ON THE FILM.
- 11 (N) IDENTIFYING VISIBLE MOTION OR FILM ARTIFACTS AND REPEATING
- 12 EXAM IF NEEDED.
- 13 (9) AN INDIVIDUAL DESCRIBED IN SUBSECTION (4) SHALL COMPLETE A
- 14 MINIMUM OF 36 HOURS OF DIDACTIC RADIOLOGY TRAINING IN A FORMAL
- 15 TRAINING COURSE. THE COURSE IS SUBJECT TO DEPARTMENT APPROVAL AND
- 16 SHALL PROVIDE INSTRUCTION IN ALL OF THE FOLLOWING SUBJECTS:
- 17 (A) RADIATION PROTECTION, INCLUDING ALL OF THE FOLLOWING:
- 18 (i) PATIENT PROTECTION.
- 19 (ii) PERSONNEL PROTECTION.
- 20 (iii) RADIATION EXPOSURE AND MONITORING.
- 21 (B) EQUIPMENT OPERATION AND MAINTENANCE, INCLUDING ALL OF THE
- 22 FOLLOWING:
- 23 (i) RADIOGRAPHIC UNIT COMPONENTS.
- 24 (ii) PRINCIPLES OF X-RAY PRODUCTION.
- 25 (iii) RECOGNITION OF MALFUNCTIONS.
- 26 (C) IMAGE PRODUCTION AND EVALUATION, INCLUDING ALL OF THE

27 FOLLOWING:

- 1 (i) SELECTION OF TECHNIQUE FACTORS.
- 2 (ii) FILM PROCESSING AND QUALITY ASSURANCE.
- 3 (iii) EVALUATION, MOUNTING, AND LABELING OF RADIOGRAPHS.
- 4 (D) PATIENT CARE, INCLUDING ALL OF THE FOLLOWING:
- 5 (i) LEGAL AND PROFESSIONAL RESPONSIBILITIES.
- 6 (ii) PATIENT EDUCATION, SAFETY, AND COMFORT.
- 7 (iii) PREVENTION AND CONTROL OF INFECTION.
- 8 (iv) PATIENT MONITORING.
- 9 (E) RADIOGRAPHIC PROCEDURE POSITIONING AND FILM SELECTION,
- 10 INCLUDING ALL OF THE FOLLOWING:
- 11 (i) PERIAPICAL.
- 12 (ii) BITEWING.
- 13 (iii) OCCLUSAL.
- 14 (iv) PANORAMIC.
- 15 (v) CEPHALOMETRIC, ORTHODONTIC ONLY.
- 16 (vi) TRANSCRANIAL AND TMJ, ORAL/MAXILLOFACIAL ONLY.
- 17 (10) AN INDIVIDUAL DESCRIBED IN SUBSECTION (5) SHALL COMPLETE
- 18 A MINIMUM OF 36 HOURS OF DIDACTIC TRAINING IN A FORMAL TRAINING
- 19 COURSE. THE COURSE IS SUBJECT TO DEPARTMENT APPROVAL AND SHALL
- 20 PROVIDE INSTRUCTION IN ALL OF THE FOLLOWING SUBJECTS:
- 21 (A) RADIATION PROTECTION, INCLUDING ALL OF THE FOLLOWING:
- 22 (i) PERSONNEL PROTECTION.
- 23 (ii) RADIATION EXPOSURE AND MONITORING.
- 24 (B) EQUIPMENT OPERATION AND MAINTENANCE, INCLUDING ALL OF THE
- 25 FOLLOWING:
- 26 (i) RADIOGRAPHIC UNIT COMPONENTS.
- 27 (ii) PRINCIPLES OF X-RAY PRODUCTION.

- 1 (iii) RECOGNITION OF MALFUNCTIONS.
- 2 (C) IMAGE PRODUCTION AND EVALUATION, INCLUDING ALL OF THE
- 3 FOLLOWING:
- 4 (i) SELECTION OF TECHNIQUE FACTORS.
- 5 (ii) FILM PROCESSING AND QUALITY ASSURANCE.
- 6 (iii) EVALUATION AND LABELING OF RADIOGRAPHS.
- 7 (iv) INFECTION CONTROL.
- 8 (D) RADIOGRAPHIC PROCEDURE POSITIONING.
- 9 SEC. 13575. A MUNICIPALITY OR A DEPARTMENT, AGENCY, OR
- 10 OFFICIAL OF A MUNICIPALITY SHALL NOT LICENSE, REGULATE, OR REQUIRE
- 11 THE REGISTRATION OF A RADIATION MACHINE OR A NON-IONIZING RADIATION
- 12 DEVICE.
- 13 SEC. 13581. THE DIRECTOR SHALL APPOINT AN IONIZING RADIATION
- 14 ADVISORY COMMITTEE. MEMBERS OF THE COMMITTEE SERVE AT THE PLEASURE
- 15 OF THE DIRECTOR. THE COMMITTEE SHALL FURNISH TO THE DEPARTMENT
- 16 TECHNICAL ADVICE THE COMMITTEE CONSIDERS DESIRABLE OR THE
- 17 DEPARTMENT MAY REASONABLY REQUEST ON MATTERS RELATING TO THE
- 18 RADIATION MACHINE CONTROL PROGRAM.
- 19 SEC. 13585. A PERSON WHO VIOLATES THIS PART OR A RULE
- 20 PROMULGATED UNDER THIS PART OR WHO FAILS TO OBTAIN OR COMPLY WITH A
- 21 CONDITION OF REGISTRATION UNDER THIS PART IS GUILTY OF A
- 22 MISDEMEANOR PUNISHABLE BY IMPRISONMENT FOR NOT MORE THAN 180 DAYS.
- 23 OR A FINE OF NOT MORE THAN \$10,000.00, OR BOTH. A COURT MAY FINE A
- 24 PERSON NOT MORE THAN \$2,000.00 FOR EACH VIOLATION OF THIS PART.
- 25 EACH DAY A VIOLATION CONTINUES IS A SEPARATE VIOLATION.
- 26 SEC. 13586. IF, AFTER THOROUGH INVESTIGATION BY THE
- 27 DEPARTMENT, IT IS THE JUDGMENT OF THE DEPARTMENT THAT A PERSON HAS

- 1 ENGAGED IN OR IS ABOUT TO ENGAGE IN AN ACT OR PRACTICE THAT
- 2 CONSTITUTES A VIOLATION OF THIS PART OR A RULE OR ORDER PROMULGATED
- 3 OR ISSUED UNDER THIS PART, THE ATTORNEY GENERAL, AT THE REQUEST OF
- 4 THE DEPARTMENT, SHALL APPLY TO THE APPROPRIATE CIRCUIT COURT FOR AN
- 5 ORDER ENJOINING THE ACT OR PRACTICE OR FOR AN ORDER DIRECTING
- 6 COMPLIANCE WITH THIS PART OR A RULE OR ORDER PROMULGATED OR ISSUED
- 7 UNDER THIS PART.
- 8 Enacting section 1. Sections 13523 and 13531 of the public
- 9 health code, 1978 PA 368, MCL 333.13523 and 333.13531, are
- 10 repealed.