

This Document can be made available  
in alternative formats upon request

State of Minnesota

HOUSE OF REPRESENTATIVES

NINETIETH SESSION

H. F. No. **2304**

03/09/2017 Authored by Franson, Schomacker, Metsa, Flanagan and Zerwas  
The bill was read for the first time and referred to the Committee on Health and Human Services Reform  
03/15/2017 Adoption of Report: Amended and re-referred to the Committee on Health and Human Services Finance

1.1 A bill for an act  
1.2 relating to health; authorizing the use of certain handheld portable x-ray systems  
1.3 in facilities; amending Minnesota Statutes 2016, section 144.99, subdivision 1;  
1.4 proposing coding for new law in Minnesota Statutes, chapter 144.

1.5 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MINNESOTA:

1.6 Section 1. [144.1215] AUTHORIZATION TO USE HANDHELD DENTAL X-RAY  
1.7 EQUIPMENT.

1.8 Subdivision 1. Definition; handheld dental x-ray equipment. For purposes of this  
1.9 section, "handheld dental x-ray equipment" means x-ray equipment that is used to take  
1.10 dental radiographs, is designed to be handheld during operation, and is operated by an  
1.11 individual authorized to take dental radiographs under chapter 150A.

1.12 Subd. 2. Use authorized. (a) Handheld dental x-ray equipment may be used if the  
1.13 equipment:

1.14 (1) has been approved for human use by the United States Food and Drug Administration  
1.15 and is being used in a manner consistent with that approval; and

1.16 (2) utilizes a backscatter shield that:

1.17 (i) is composed of a leaded polymer or a substance with a substantially equivalent  
1.18 protective capacity;

1.19 (ii) has at least 0.25 millimeters of lead or lead-shielding equivalent; and

1.20 (iii) is permanently affixed to the handheld dental x-ray equipment.

2.1 (b) The use of handheld dental x-ray equipment is prohibited if the equipment's  
2.2 backscatter shield is broken or not permanently affixed to the system.

2.3 (c) The use of handheld dental x-ray equipment shall not be limited to situations in which  
2.4 it is impractical to transfer the patient to a stationary x-ray system.

2.5 (d) Handheld dental x-ray equipment must be stored when not in use, by being secured  
2.6 in a restricted, locked area of the facility.

2.7 (e) Handheld dental x-ray equipment must be calibrated initially and at intervals that  
2.8 must not exceed 24 months. Calibration must include the test specified in Minnesota Rules,  
2.9 part 4732.1100, subpart 11.

2.10 (f) Notwithstanding Minnesota Rules, part 4732.0880, subpart 2, item C, the tube housing  
2.11 and the position-indicating device of handheld dental x-ray equipment may be handheld  
2.12 during an exposure.

2.13 Subd. 3. **Exemptions from certain shielding requirements.** Handheld dental x-ray  
2.14 equipment used according to this section and according to manufacturer instructions is  
2.15 exempt from the following requirements for the equipment:

2.16 (1) shielding requirements in Minnesota Rules, part 4732.0365, item B; and

2.17 (2) requirements for the location of the x-ray control console or utilization of a protective  
2.18 barrier in Minnesota Rules, part 4732.0800, subpart 2, item B, subitems (2) and (3), provided  
2.19 the equipment utilizes a backscatter shield that satisfies the requirements in subdivision 2,  
2.20 paragraph (a), clause (2).

2.21 Subd. 4. **Compliance with rules.** A registrant using handheld dental x-ray equipment  
2.22 shall otherwise comply with Minnesota Rules, chapter 4732.

2.23 Sec. 2. Minnesota Statutes 2016, section 144.99, subdivision 1, is amended to read:

2.24 Subdivision 1. **Remedies available.** The provisions of chapters 103I and 157 and sections  
2.25 115.71 to 115.77; 144.12, subdivision 1, paragraphs (1), (2), (5), (6), (10), (12), (13), (14),  
2.26 and (15); 144.1201 to 144.1204; 144.121; 144.1215; 144.1222; 144.35; 144.381 to 144.385;  
2.27 144.411 to 144.417; 144.495; 144.71 to 144.74; 144.9501 to 144.9512; 144.97 to 144.98;  
2.28 144.992; 326.70 to 326.785; 327.10 to 327.131; and 327.14 to 327.28 and all rules, orders,  
2.29 stipulation agreements, settlements, compliance agreements, licenses, registrations,  
2.30 certificates, and permits adopted or issued by the department or under any other law now  
2.31 in force or later enacted for the preservation of public health may, in addition to provisions  
2.32 in other statutes, be enforced under this section.