

**SENATE**  
**STATE OF MINNESOTA**  
**NINETIETH SESSION**

**S.F. No. 3745**

(SENATE AUTHORS: NELSON)

DATE  
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OFFICIAL STATUS  
Introduction and first reading  
Referred to Health and Human Services Finance and Policy

1.1 A bill for an act  
 1.2 relating to health; authorizing the x-ray practice of cardiovascular technologists  
 1.3 who meet certain education requirements; amending Minnesota Statutes 2016,  
 1.4 section 144.121, subdivision 5a.

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

1.6 Section 1. Minnesota Statutes 2016, section 144.121, subdivision 5a, is amended to read:

1.7 Subd. 5a. **Limited x-ray machine operator practice.** (a) A limited x-ray operator may  
 1.8 only practice medical radiography on limited regions of the human anatomy for which the  
 1.9 operator has successfully passed an examination identified in subdivision 5, unless the  
 1.10 operator meets one of the exemptions described in paragraph (b). The operator may practice  
 1.11 using only routine radiographic procedures, for the interpretation by and under the direction  
 1.12 of a licensed practitioner, excluding computed tomography, the use of contrast media, and  
 1.13 the use of fluoroscopic or mammographic equipment.

1.14 (b) This subdivision does not apply to:

1.15 (1) limited x-ray machine operators who passed the examination that was required before  
 1.16 January 1, 2008;

1.17 (2) certified radiologic technologists, licensed dental hygienists, registered dental  
 1.18 assistants, certified registered nurse anesthetists, and registered physician assistants;

1.19 (3) individuals who are licensed in Minnesota to practice medicine, osteopathic medicine,  
 1.20 chiropractic, podiatry, or dentistry; ~~and~~

1.21 (4) individuals who are participating in a training course in any of the occupations listed  
 1.22 in clause (2) ~~or~~ (3), or (5) for the duration and within the scope of the training course; and

- 2.1 (5) a cardiovascular technologist who is a graduate of an education program accredited  
2.2 by the Commission on Accreditation of Allied Health Education Programs, which uses the  
2.3 standards and criteria established by the Joint Review Committee on Education in  
2.4 Cardiovascular Technology. A cardiovascular technologist who satisfies the requirements  
2.5 in this clause may only operate fluoroscopy equipment under the direct supervision of and  
2.6 in the physical presence of a licensed practitioner for diagnosing or treating a disease or  
2.7 condition of the cardiovascular system and may only perform the following operations:
- 2.8 (i) position and reposition the patient during exposure;  
2.9 (ii) position and reposition the fluoroscopic equipment or table;  
2.10 (iii) adjust or set technique factors for the x-ray procedure;  
2.11 (iv) manipulate the image intensifier and x-ray tube;  
2.12 (v) manipulate the collimator; and  
2.13 (vi) reset the timer after the audible signal.