

1 _____ BILL NO. _____

2 INTRODUCED BY _____
3 (Primary Sponsor)

4 BY REQUEST OF THE DEPARTMENT OF LABOR AND INDUSTRY

5
6 A BILL FOR AN ACT ENTITLED: "AN ACT GENERALLY REVISING BOILER ENGINEER LICENSING
7 REQUIREMENTS; PROVIDING FOR LICENSURE OF PERSONS OPERATING LOW-PRESSURE HOT WATER
8 HEATING BOILERS; AND AMENDING SECTIONS 50-74-303 AND 50-74-304, MCA."

9
10 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MONTANA:

11
12 **Section 1.** Section 50-74-303, MCA, is amended to read:

13 **"50-74-303. Engineer's license classifications.** (1) Engineers entrusted with the operation, care, and
14 management of steam or water boilers and steam machinery, as specified in 50-74-302, are divided into ~~five~~ six
15 classes, including first-class engineers, second-class engineers, third-class engineers, agricultural-class
16 engineers, ~~and~~ low-pressure engineers, and limited low-pressure engineers.

17 (2) Licenses for the operation of steam or water boilers and steam machinery are divided into ~~five~~ six
18 classifications in accordance with the following schedule:

19 (a) First-class engineers are licensed to operate all classes, pressures, and temperatures of steam and
20 water boilers and steam-driven machinery with the exception of traction and hoisting engines.

21 (b) Second-class engineers are licensed to operate steam boilers operating not in excess of 250 pounds
22 per square inch gauge saturated steam pressure, water boilers operating not in excess of 375 pounds per square
23 inch gauge pressure and 450 degrees F temperature, and steam-driven machinery not to exceed 100 horsepower
24 per unit, with the exception of traction and hoisting engines.

25 (c) Third-class engineers are licensed to operate steam boilers operating not in excess of 150 pounds
26 per square inch gauge saturated steam pressure and not in excess of 150 horsepower per hour and water boilers
27 operating not in excess of 160 pounds per square inch gauge pressure and 350 degrees F temperature.

28 (d) Agricultural-class engineers are licensed to operate steam boilers that operate not in excess of 150
29 pounds per square inch saturated steam pressure and that:

30 (i) are not operated for more than 6 months of the year; and



1 (ii) are not operated for purposes other than the harvesting or processing of agricultural products.

2 (e) Low-pressure engineers are licensed to operate steam boilers operating not in excess of 15 pounds
3 per square inch gauge pressure and water boilers operating not in excess of 50 pounds per square inch gauge
4 pressure and 250 degrees F temperature.

5 (f) Limited low-pressure engineers are licensed to operate low-pressure hot water heating boilers
6 operating not in excess of 50 pounds per square inch gauge pressure and 250 degrees F temperature."

7

8 **Section 2.** Section 50-74-304, MCA, is amended to read:

9 **"50-74-304. Requirements for engineer's license.** Each applicant for an engineer's license must be
10 physically and mentally capable of performing the required duties and must meet the following minimum
11 requirements for the class of engineer's license for which application is being made:

12 (1) Except as provided in subsection (7), an applicant for a limited low-pressure engineer's license:

13 (a) must be 18 years of age or older;

14 (b) must have at least 16 hours' full-time experience in the operation of a boiler in this classification under
15 an engineer who holds a valid limited low-pressure or higher license;

16 (c) is required to successfully pass a written examination prescribed by the department; and

17 (d) must be found competent to operate a boiler in this classification by the department.

18 ~~(1)~~(2) Except as provided in subsection ~~(6)~~ (8), an applicant for a low-pressure engineer's license:

19 (a) must be 18 years of age or older;

20 (b) must have at least 3 months' full-time experience in the operation of a boiler in this classification
21 under an engineer who holds a valid low-pressure or higher license;

22 (c) is required to successfully pass a written examination prescribed by the department; and

23 (d) must be found competent to operate a boiler in this classification by the department.

24 ~~(2)~~(3) Except as provided in subsection ~~(6)~~ (8), an applicant for an agricultural-class engineer's license:

25 (a) must be 18 years of age or older;

26 (b) is required to successfully pass a written examination prescribed by the department; and

27 (c) must be found competent to operate a boiler in this classification by the department.

28 ~~(3)~~(4) Except as provided in subsection ~~(6)~~ (8), an applicant for a third-class engineer's license:

29 (a) must be 18 years of age or older;

30 (b) must have at least 6 months' full-time experience in the operation of a boiler in this classification

1 under an engineer holding a valid third-class or higher license;₁
2 (c) is required to successfully pass a written examination prescribed by the department;₁ and
3 (d) must be found competent to operate a boiler in this classification by the department.
4 ~~(4)~~(5) An applicant for a second-class engineer's license;
5 (a) must be 18 years of age or older; ~~and:~~
6 ~~(a)~~(b) must have at least 2 years' full-time experience in the operation of a boiler and steam-driven
7 machinery in this classification under an engineer holding a valid second-class or first-class license;₁
8 (c) is required to successfully pass a written examination prescribed by the department;₁ and
9 (d) must be found competent to operate a boiler and steam-driven machinery in this classification by the
10 department; or
11 ~~(b)~~(e) must hold a valid third-class engineer's license, must have at least 1 year's full-time experience
12 in the operation of a boiler and steam-driven machinery in this classification under an engineer holding a valid
13 second-class or first-class license, is required to successfully pass a written examination prescribed by the
14 department, and must be found competent to operate a boiler and steam-driven machinery in this classification
15 by the department.
16 ~~(5)~~(6) An applicant for a first-class engineer's license must be 18 years of age or older and:
17 (a) must have at least 3 years' full-time experience in the operation of a boiler and steam-driven
18 machinery in this classification under an engineer holding a valid first-class license, is required to successfully
19 pass a written examination prescribed by the department, and must be found competent to operate a boiler and
20 steam-driven machinery in this classification by the department;
21 (b) must hold a valid second-class engineer's license, must have at least 1 year's full-time experience
22 in the operation of a boiler and steam-driven machinery in this classification under an engineer holding a valid
23 first-class license, is required to successfully pass a written examination prescribed by the department, and must
24 be found competent to operate a boiler and steam-driven machinery in this classification by the department; or
25 (c) must hold a valid third-class engineer's license, must have at least 2 year's full-time experience in
26 the operation of a boiler and steam-driven machinery in this classification under an engineer holding a valid
27 first-class license, is required to successfully pass a written examination prescribed by the department, and must
28 be found competent to operate a boiler and steam-driven machinery in this classification by the department.
29 (7) As an alternative to the requirements of subsection (1), an applicant who is 18 years of age or older
30 may apply for and be issued a limited low-pressure license if:

