62nd Legislature HB0315.01

| 1 | HOUSE BILL NO. 315 |
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| 2 | INTRODUCED BY M. MACDONALD |
| 3 | |
| 4 | A BILL FOR AN ACT ENTITLED: "AN ACT ESTABLISHING A SAFE WORKING PRESSURE FACTOR FOR |
| 5 | HISTORICAL BOILERS; REVISING REQUIREMENTS FOR TRACTION ENGINEER LICENSES; AND |
| 6 | AMENDING SECTIONS 50-74-218 AND 50-74-307, MCA." |
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| 8 | BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MONTANA: |
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| 10 | Section 1. Section 50-74-218, MCA, is amended to read: |
| 11 | "50-74-218. Safe working pressure. (1) If a boiler is constructed with lap horizontal seams on the boiler, |
| 12 | dome, or drum, a factor of 4 1/2 shall must be used in determining the safe working pressure allowed on the |
| 13 | boiler. |
| 14 | (2) If a boiler is constructed with butt strap horizontal seams, a factor of four may be used in determining |
| 15 | the safe working pressure. |
| 16 | (3) If a boiler is a historical boiler, as defined by the department by rule, on stayed sections, a safety |
| 17 | factor of four must be used in determining the safe working pressure. |
| 18 | (3)(4) If a boiler rests on a side wall on lugs, is hung by I-beams, or is in any way set up so that the |
| 19 | weight of the boiler is pulling against the horizontal seam of rivets, a factor of five must be used in determining |
| 20 | the safe working pressure. |
| 21 | (4)(5) If the horizontal lap seams of a boiler are exposed to the fire, a factor of five must be used in |
| 22 | determining the safe working pressure. |
| 23 | (5)(6) On new stay bolts, 7,500 pounds pressure per square inch is allowed. If the stay bolts are |
| 24 | corroded or defective, the inspector must determine the pressure to be allowed on them the stay bolts. |
| 25 | (6)(7) On braces made of solid material, 8,000 pounds pressure per square inch is allowed. On welded |
| 26 | braces or braces with only one crowfoot, 6,000 pounds pressure per square inch is allowed. |
| 27 | (7)(8) No cast Cast iron may not be used in the construction or reinforcements of a boiler if the pressure |
| 28 | allowed on the boiler is more than 100 pounds per square inch." |
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| 30 | Section 2. Section 50-74-307, MCA, is amended to read: |



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| 1 | "50-74-307. Requirements for traction licenses. An applicant for a traction engineer's license: |
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| 2 | (1) must be 18 years of age or older; |
| 3 | (2) shall attend a steam school approved by the department by rule and may apply steam school hours |
| 4 | to the hour requirement established in subsection (3); |
| 5 | (3) must have at least 480 50 hours total experience in the operation of steam traction engines; and |
| 6 | (3)(4) shall successfully pass a written examination prescribed by the department; and. |
| 7 | (4) must be found competent to operate a traction engine by the department." |
| 8 | - END - |

