

ORDINANCE No. 118049

COUNCIL BILL No. 11153

The City of Seattle--Legislative

AN ORDINANCE relating to the regulation and licensing of steam engineers and boiler firemen, repealing Section 6.230.030 of the Seattle Municipal Code and enacting a new Section 6.230.030, and amending Sections 6.230.060, 6.230.070, 6.230.110 and 6.230.160, all to correct errors in Ordinance 117864.

REPORT OF COMMITTEE

City Council President:

Your Committee on BECD Committee

to which was referred the within Council Bill No. _____ report that we have considered the same and respectfully recommend

approve 3-0 3/5/96

Full Council vote 5-0

COMPTROLLER FILE No. _____

Introduced: <u>3-4-96</u>	By: <u>Drago</u>
Referred: <u>3-4-96</u>	To: <u>BECD</u>
Referred:	To:
Referred:	To:
Reported: <u>MAR 11 1996</u>	Second Reading: <u>MAR 11 1996</u>
Third Reading: <u>MAR 11 1996</u>	Signed: <u>MAR 11 1996</u>
Presented to Mayor: <u>MAR 12 1996</u>	Approved: <u>MAR 14 1996</u>
Returned to City Clerk:	Published: <u>full</u>
Vetoed by Mayor:	Veto Published:
Passed over Veto:	Veto Sustained:

Joe Drago

Committee Chair

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

ORDINANCE 118049

AN ORDINANCE relating to the regulation and licensing of steam engineers and boiler firemen, repealing Section 6.230.030 of the Seattle Municipal Code and enacting a new Section 6.230.030, and amending Sections 6.230.060, 6.230.070, 6.230.110 and 6.230.160, all to correct errors in Ordinance 117864.

BE IT ORDAINED BY THE CITY OF SEATTLE AS FOLLOWS:

Section 1. Section 6.230.030 of the Seattle Municipal Code, as last amended by Section 2 of Ordinance 117864, is hereby repealed.

Section 2. A new Section 6.230.030 is added to the Seattle Municipal Code to read as follows:

6.230.030 Definitions.

Words and phrases used in this Chapter relating to the regulation and licensing of steam engineers and boiler firemen shall have the following meanings:

1. "Automatic boiler" means a boiler equipped with certain controls and limit devices as required by the Boiler Code.

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE IT IS DUE TO THE QUALITY OF THE DOCUMENT.

1 2. "Boiler" means a closed vessel used for heating water
2 or other liquid or for generating steam or vapor by direct
3 application of heat from combustible fuels or electricity.

4 3. "Boiler Code" is the Seattle Boiler and Pressure
5 Vessel Code (Title 22 Subtitle IVA of the Seattle Municipal
6 Code) as now or hereafter amended.

7 4. "Boiler plant" means one or more boilers and
8 connecting piping and vessels within the same premises.

9 5. "Boiler supervisor" means a steam engineer Grade I,
10 II or III who has passed additional examinations as required
11 by the Department pursuant to the provisions of this Chapter.

12 6. "City Boiler Inspector" means a City of Seattle
13 Boiler/Pressure Systems Inspector employed by the Department.

14 7. "Department" means the Department of Construction and
15 Land Use.

16 8. "Director" means the Director of the Department of
17 Construction and Land Use.

18 9. "Hoist and portable boiler" means a boiler used to
19 provide steam for the operation of various types of equipment
20 such as floating cranes, piledrivers and other similar types
21 of equipment used in the construction industry.

22 10. "Hot-water supply boiler" is a boiler having a
23 volume exceeding 120 gallons or a heat input exceeding 200,000
24 Btu/h or an operating temperature exceeding 210°F. or a
25

26

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE
IT IS DUE TO THE QUALITY OF THE DOCUMENT.

1 pressure exceeding 160 psi, that provides hot water to be used
2 externally to itself.

3 11. "Low-pressure hot-water heating boiler" means a
4 boiler in which water is heated at pressures not exceeding 160
5 psi and temperatures not exceeding 250°F.

6 12. "Low-pressure steam-heating boiler" means a boiler
7 operated at pressures not exceeding 15 psi for steam.

8 13. "Out of service." An automatic boiler shall be "out
9 of service" if it is manually shut down for inspection,
10 maintenance, or repair, except for limited repairs and
11 adjustments as set forth in Section 6.230.150F.

12 14. "Power hot-water boiler" (high-temperature water
13 boiler) means a boiler used for heating water or liquid to a
14 pressure exceeding 160 psi or to a temperature exceeding
15 250°F.

16 15. "Power steam boiler" means a boiler in which steam
17 or other vapor is generated at pressures exceeding 15 psi.
18 For purposes of this chapter the term shall not include a
19 small power boiler.

20 16. "Small power boiler" means a boiler with pressures
21 exceeding 15 psi but not exceeding 100 psi and having less
22 than 350,000 BTU per hour heat output.

23 17. "Steam engine" means all prime movers using vapors
24 from a boiler for motive power, steam-driven compressors, and
25

26

1 steam pumps except steam pumps and similar auxiliaries used
2 only as appurtenances for the operation of a boiler.

3 18. "Water heater" means a closed vessel used for
4 heating water by direct application of heat from combustible
5 fuels or electricity with a nominal water-containing capacity
6 of 120 gallons or less having a heat input not exceeding
7 200,000 BTU per hour and an operating temperature not
8 exceeding 210°F.

9 **Section 3.** Subsection A of Section 6.230.060 of the
10 Seattle Municipal Code, which Section was last amended by
11 Ordinance 117864, is further amended as follows:

12 **6.230.060 Grades of licenses.**

13 A. The grades of steam engineers' and boiler firemen's
14 licenses shall be as follows:

15 Boiler Supervisor Grade One (I), Boiler Supervisor Grade Two
16 (II), Boiler Supervisor Grade Three (III), Grade One (I) Steam
17 Engineer, Grade Two (II) Steam Engineer, Grade Three (III)
18 Steam Engineer, Grade Four (IV) Boiler Fireman, Grade Five (V)
19 Small Power Boiler Fireman, Grade Five (V) Boiler Fireman.

20 **Section 4.** Section 6.230.070 of the Seattle Municipal
21 Code, as last amended by Ordinance 117864, is further amended
22 as follows:

23 **6.230.070 Issuance of licenses.**

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE
IT IS DUE TO THE QUALITY OF THE DOCUMENT.

1 Persons desiring a license (~~or certificate~~) described in
2 Section 6.230.060 shall make written application to the
3 Department on the forms provided by the Department. Such
4 application shall include the applicant's full name and
5 address. Applications shall be accompanied by a receipt
6 showing payment of the required examination fee as provided
7 under Section 6.230.090.

8 A. Applicants for a steam engineer's license, Grade I,
9 II, or III shall show by competent evidence one (~~(1)~~) of the
10 following:

11 1. That he/she has been employed at least three (3)
12 years in a position directly responsible for the care and
13 operation of boilers or steam engines, or in the design or
14 supervision of boilers, boiler systems, boiler firing and
15 automatic control and safety systems, or under the direct
16 supervision of a licensed steam engineer, Grade I, II or III;
17 or

18 2. That he/she has at least three (3) years of practical
19 experience as a machinist apprentice in a steam engine works
20 together with one (1) year of employment in the direct care
21 and operation of boilers and steam engines; or

22 3. That he/she has graduated from a recognized school of
23 technology and has had at least one (1) year of employment in
24 the direct care and operation of boilers and steam engines.
25
26

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE
IT IS DUE TO THE QUALITY OF THE DOCUMENT.

1 Completion of a boiler fireman's course approved by the
2 Department or its functional predecessor shall be the
3 equivalent of one (1) year of practical experience under
4 subsections 1 or 2 above, however, each applicant will be
5 entitled to only one (1) such credit.

6 B. Any licensed Grade I, II or III steam engineer may
7 apply for an upgrade to Boiler Supervisor, Grade I, II or III.
8 Such applicant shall show by competent evidence that he/she
9 has been employed at least three (3) years in one (1) of the
10 following:

11 1. In a position directly responsible for the care or
12 operation of boilers((~~7~~)) or steam engines;

13 2. In the design or supervision of boilers, boiler
14 systems, boiler firing, and automatic control and safety
15 systems;

16 3. In the direct supervision of a licensed Grade I, II
17 or III steam engineer.

18 C. Applicants for a Grade IV boiler fireman license
19 shall show by competent evidence one ((~~4~~)) of the following:

20 1. One (1) year of practical experience in the care and
21 operation of a boiler; or

22 2. Completion of an in-service training course in the
23 fundamentals of boiler operation as approved by the Department
24
25
26

NOTICE: IF THE DOCUMENT IS LESS CLEAR THAN THIS NOTICE
IT IS DUE TO THE QUALITY OF THE DOCUMENT.

1 or its functional predecessor which shall include at least
2 forty (40) hours of classroom work together with:

3 a) eighty (80) hours of on-site training relating to the
4 care and operation of boilers under the direct supervision of
5 a steam engineer with a license of Grade I, II or III; or

6 b) forty (40) hours of lab work at a facility approved by
7 the Department.

8 D. Applicants for a Grade III Steam Engineer License
9 limited to hoist and portable boilers((~~τ~~)) shall show by
10 competent evidence((~~τ~~)) one ((~~1~~)) of the following:

11 1. Three (3) years of practical experience in the care
12 and operation of boilers and steam engines; or

13 2. Completion of an in-service training course on the
14 fundamentals of boiler operation, as approved by the
15 Department or its functional predecessor which shall include
16 ((~~fifty-five~~)) 55((~~+~~)) hours of classroom work, together
17 with ((~~one hundred twenty~~)) 120((~~+~~)) hours of work relating
18 to the care and operation of a minimum of two ((~~2~~))
19 separately located hoist and portable boilers, under the
20 direct supervision of a steam engineer with a license of Grade
21 I, II or III.

22 E. All persons applying for a license ((~~or certificate~~))
23 under this chapter shall be examined by the Department
24 according to the provisions of Section 6.230.100. Upon
25
26

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE
IT IS DUE TO THE QUALITY OF THE DOCUMENT.

1 determination by the Department that the applicant has passed
2 the applicable examination and is otherwise qualified under
3 this chapter, including payment by the applicant of the
4 license fee, the Director shall issue the license. In lieu of
5 a qualifying technical examination, the Director may accept as
6 evidence of meeting the applicable ordinance requirements of
7 Section 6.230.100, a valid and current license issued by the
8 City of Tacoma which maintains a licensing and testing program
9 that, in the judgment of the Director, meets or exceeds City
10 of Seattle requirements.

11 **Section 5.** Section 6.230.110 of the Seattle Municipal
12 Code, as last amended by Ordinance 117169, is further amended
13 as follows:

14 **6.230.110 Licenses to be posted or carried.**

15 Every licensed steam engineer or boiler fireman on duty
16 shall display his/her license in a conspicuous place in the
17 room wherein the boiler or steam engine is located, and such
18 shall be effective only for the operation of the plant where
19 it is displayed. If the licensee is in charge of, or is
20 operating, a portable boiler or steam engine and the posting
21 of his/her license is not practicable, such license shall be
22 carried on his/her person, and on demand he/she shall exhibit
23 same. A boiler supervisor shall display a legible copy of
24
25
26

1 his/her license ((~~or certificate~~)) in the boiler room of each
2 boiler that he/she supervises.

3 **Section 6.** Subsection C of Section 6.230.160 of the
4 Seattle Municipal Code, which Section was last amended by
5 Ordinance 117864, is further amended as follows:

6 **6.230.160 Observation and inspection of boilers.**

7 C. Phrases used in this section shall have the following
8 meanings:

9 1. "Check by boiler supervisor" means inspection of all
10 controls and safety devices pursuant to the requirements of
11 Section 6.230.150((F))D.

12 2. "Check by licensed operator" means supervision of
13 boiler with responsibility for proper operation and
14 maintenance pursuant to the requirements of SMC Sections
15 6.230.130 and 6.230.140.

16 3. "Approved monitoring system" means a monitoring
17 system manufactured, installed, and maintained in a manner
18 approved by the Director.

19 4. "Twice daily check" means two (2) inspections of a
20 boiler that are required to be recorded in the boiler logbook
21 by this chapter. The first check of the day shall be made not
22 less than eight (8) hours after the last recorded check of the
23 previous day; the second check of the day shall be made at
24 least six (6) hours after the first recorded check of the day.
25
26

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE
IT IS DUE TO THE QUALITY OF THE DOCUMENT.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26

This definition shall not preclude, in any way, additional checks being made to ensure safe operation of a boiler. Twice daily checks may not be performed by a Boiler Supervisor unless such Boiler Supervisor is a full time employee of the boiler owner.

Section 7. This ordinance shall take effect and be in force thirty (30) days from and after its approval by the Mayor, but if not approved and returned by the Mayor within ten (10) days after presentation, it shall take effect as provided by Municipal Code Section 1.04.020.

Passed by the City Council the 11 day of March, 1996, and signed by me in open session in authentication of its passage this 11 day of March, 1996.

Jan Drees
President _____ of the City Council

Approved by me this 14 day of March, 1996.

Norman Bice
Mayor

Filed by me this 15 day of March, 1996.

Margaret Carter
City Clerk

(Seal)

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE IT IS DUE TO THE QUALITY OF THE DOCUMENT.

City of Seattle

Executive Department—Office of Management and Planning

Thomas M. Tierney, Director
Norman B. Rice, Mayor

February 28, 1996



The Honorable Mark Sidran
City Attorney
City of Seattle

Dear Mr. Sidran:

The Mayor is proposing to the City Council that the enclosed legislation be adopted.

REQUESTING DEPARTMENT Law/Construction and Land Use

SUBJECT: AN ORDINANCE relating to the regulation and licensing of steam engineers and boiler firemen, repealing Section 6.230.030 of the Seattle Municipal Code and enacting a new Section 6.230.030, and amending Sections 6.230.060, 6.230.070, 6.230.110 and 6.230.160, all to correct errors in Ordinance 117864.

Pursuant to the City Council's S.O.P. 100-014, the Executive Department is forwarding this request for legislation to your office for review and drafting.

After reviewing this request and any necessary redrafting of the enclosed legislation, return the legislation to OMP. Any specific questions regarding the legislation can be directed to Elma Borbe at 4-8687.

Sincerely,

Norman B. Rice
Mayor

by


Tom Tierney, Director

legis:borbe23

Enclosure

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE IT IS DUE TO THE QUALITY OF THE DOCUMENT.

TIME AND DATE STAMP

SPONSORSHIP

THE ATTACHED DOCUMENT IS SPONSORED FOR FILING WITH THE CITY COUNCIL BY THE MEMBER(S) OF THE CITY COUNCIL WHOSE SIGNATURE(S) ARE SHOWN BELOW:

Jan. [Signature]

FOR CITY COUNCIL PRESIDENT USE ONLY

COMMITTEE(S) REFERRED TO:

PRESIDENT'S SIGNATURE

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE IT IS DUE TO THE QUALITY OF THE DOCUMENT.

STATE OF WASHINGTON - KING COUNTY

66175
City of Seattle, City Clerk

--SS.

No. IN FULL

Affidavit of Publication

The undersigned, on oath states that he is an authorized representative of The Daily Journal of Commerce, a daily newspaper, which newspaper is a legal newspaper of general circulation and it is now and has been for more than six months prior to the date of publication hereinafter referred to, published in the English language continuously as a daily newspaper in Seattle, King County, Washington, and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of this newspaper. The Daily Journal of Commerce was on the 12th day of June, 1941, approved as a legal newspaper by the Superior Court of King County.

The notice in the exact form annexed, was published in regular issues of The Daily Journal of Commerce, which was regularly distributed to its subscribers during the below stated period. The annexed notice, a

CT:ORD 118049

was published on

03/29/96

The amount of the fee charged for the foregoing publication is the sum of \$ _____, which amount has been paid in full.

Subscribed and sworn to before me on

03/30/96

Notary Public for the State of Washington,
residing in Seattle

Affidavit of Publication

NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE IT IS DUE TO THE QUALITY OF THE DOCUMENT.