



Legislation Details (With Text)

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Type: Ordinance (Ord) **Status:** Passed
In control: City Clerk

On agenda: 6/1/2021
Final Action: 6/4/2021 **Ord. No.** Ord 126358

Title: AN ORDINANCE relating to Seattle’s construction codes; amending Sections 713.13.7 and 1613.1.1 and Table 2902.1 of the 2018 Seattle Building Code, adopted by Ordinance 126278; amending Section R501.4 of the 2018 Seattle Energy Code, adopted by Ordinance 126279; amending Chapter 16 of the Seattle Existing Building Code, adopted by Ordinance 126278; and amending Sections 2.4, 4.5, 4.25, 4.26, and 5.9.1 of the Seattle Boiler and Pressure Vessel Code, adopted by Ordinance 126278.

Sponsors: Dan Strauss

Indexes:

Attachments: 1. Summary and Fiscal Note, 2. Presentation (5/12/21), 3. Signed Ordinance 126358, 4. Affidavit of Publication

Date	Ver.	Action By	Action	Result
6/4/2021	1	City Clerk	attested by City Clerk	
6/4/2021	1	Mayor	returned	
6/4/2021	1	Mayor	Signed	
6/3/2021	1	City Clerk	submitted for Mayor's signature	
6/1/2021	1	City Council	passed	Pass
5/26/2021	1	Land Use and Neighborhoods Committee	pass	Pass
5/24/2021	1	City Council	referred	
5/20/2021	1	Council President's Office	sent for review	
5/11/2021	1	City Clerk	sent for review	
5/11/2021	1	Mayor	Mayor's leg transmitted to Council	

CITY OF SEATTLE

ORDINANCE _____

COUNCIL BILL _____

AN ORDINANCE relating to Seattle’s construction codes; amending Sections 713.13.7 and 1613.1.1 and Table 2902.1 of the 2018 Seattle Building Code, adopted by Ordinance 126278; amending Section R501.4 of the 2018 Seattle Energy Code, adopted by Ordinance 126279; amending Chapter 16 of the Seattle Existing Building Code, adopted by Ordinance 126278; and amending Sections 2.4, 4.5, 4.25, 4.26, and 5.9.1 of the Seattle Boiler and Pressure Vessel Code, adopted by Ordinance 126278.

BE IT ORDAINED BY THE CITY OF SEATTLE AS FOLLOWS:

Section 1. Section 713.13.7 of the Seattle Building Code, adopted by Ordinance 126278, is amended to read as follows:

[S] 713.13.7 Chute venting and roof termination. The full diameter of waste and linen chutes shall extend a minimum of 3 feet (0.92 m) above the building roof and be gravity vented per NFPA 82.

Exceptions:

1. Waste and linen chutes are permitted to be mechanically ventilated by an exhaust fan in lieu of gravity venting. The exhaust fan shall be located outside the building at the top of the chute.
2. Where the trash chute does not extend to the ~~((upper))~~ highest floor of the building below the roof, the trash chute shall be permitted to ~~((gravity))~~ vent to a sidewall louver termination by gravity venting or mechanical venting. The horizontal extension of the trash chute shall ~~((be the full diameter of))~~ have the same cross-sectional area as the chute and shall be enclosed in rated construction equal to the rating of the shaft enclosure. ~~((Where the chute is mechanically ventilated per *International Mechanical Code* Section 515 the blast cap shall terminate behind the louver and the exhaust fan and duct connection will be enclosed in the rated shaft.))~~ No operable openings shall be located within 10 feet of the sidewall louver termination.

Section 2. Section 1613.1.1 of the Seattle Building Code, adopted by Ordinance 126278, is amended to read as follows:

[S] 1613.1.1 Presubmittal conference. At least 60 days prior to submittal of a building permit application that contains the construction documents for any structural component of the building, the applicant shall arrange a presubmittal conference with the structural engineer of record and the *building official* to review the proposed building structural system when an alternate procedure is used under the provisions in Section 104.4 or 104.5. The purpose of the meeting is to obtain conceptual approval from the *building official* of the proposed structural system.

Note: Projects using non-linear response history analysis methods or using an alternative lateral force resisting system are subject to peer review in accordance with Section ~~((1613.4.3))~~ 1613.4.2, and ASCE 7

Sections 12.2.1.1 and 16.1.1. Peer reviews require lengthy lead time prior to permit application and issuance.

Applicants should contact the building official prior to the start of structural design.

Section 3. Table 2902.1 of the Seattle Building Code, adopted by Ordinance 126278, is amended to read as follows:

**[W][S][P] TABLE 2902.1
MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES^a
(See Sections 2902.1.1 and 2902.2)**

No.	CLASSIFICATION	OCCUPANCY	DESCRIPTION	WATER CLOSING		LAVATORIES		BATH TUBS/SHOWERS
				Male	Female	Male	Female	
1	Assembly	A-1 ^d	Theaters and other buildings for the performing arts and motion pictures ^d	1 per 12	1 per 6	1 per 200	-	
		A-2 ^d	Nightclubs, bars, taverns, dance halls and buildings for similar purposes ^d	1 per 40	1 per 40	1 per 75	-	
			Restaurants, banquet halls and food courts ^d	1 per 75	1 per 75	1 per 200	-	
			((Casino gaming areas	1 per 100 for the first 400 and 1 per 250 for the remainder exceeding 400	1 per 50 for the first 400 and 1 per 150 for the remainder exceeding 400	1 per 250 for the first 750 and 1 per 500 for the remainder exceeding 750	-))	
		A-3 ^d	Auditoriums without permanent seating, art galleries, exhibition halls, museums, lecture halls, libraries, arcades and gymnasiums ^d	1 per 12	1 per 6	1 per 200	-	

			Passenger terminals and transportation facilities ^d	1 per 50	1 per 50	1 per 750	-
			Places of worship and other religious services ^d	1 per 15	1 per 75	1 per 200	-
		A-4	Coliseums, arenas, skating rinks, pools and tennis courts for indoor sporting events and activities	1 per 75 for the first 1,500 and 1 per 120 for the remainder exceeding 1,500	1 per 40 for the first 1,500 and 1 per 60 for the remainder exceeding 1,500	1 per 200	1 per 150
		A-5	Stadiums, amusement parks, bleachers and grandstands for outdoor sporting events and activities ^f	1 per 75 for the first 1,500 and 1 per 120 for the remainder exceeding 1,500	1 per 40 for the first 1,500 and 1 per 60 for the remainder exceeding 1,500	1 per 200	1 per 150
2	Business	B	Buildings for the transaction of business, professional services, other services involving merchandise, office buildings, banks, light industrial, ((ambulatory care)) and similar uses	1 per 25 for the 50 and 1 per 50 for the remainder exceeding 50	1 per 40 for the 80 and 1 per 80 for the remainder exceeding 80	-	-
3	Educational	E ^g	Educational facilities	1 per 35	1 per 25	1 per 85	1 per 50
4	Factory and industrial	F-1 and F-2	Structures in which occupants are engaged in work fabricating, assembly or processing of products or materials	1 per 100	1 per 100	-	See footnote e.g

5	Institutional	<u>I-1</u>	((Custodial)) Residential care facilities	1 per 10	1 per 10	1 per 8
		<u>I-2</u>	((Medical care recipients in hospitals and nursing homes)) Hospitals, ambulatory nursing home care recipient ^b	1 per room ^c	1 per room ^c	1 per 15
			Employees ((in hospitals and nursing homes)) other than residential care ^b	1 per 25	1 per 35	-
			Visitors ((in hospitals and nursing homes)) other than residential care	1 per 75	1 per 100	-
		<u>I-3</u>	Prisons ^b	1 per cell	1 per cell	1 per 15
		<u>I-3</u>	Reformatories, detention centers and correctional centers ^b	1 per 15	1 per 15	1 per 15
			Employees in ((reformatories)) reformatories, detention centers and correctional centers ^b	1 per 25	1 per 35	-
		<u>I-4</u>	Adult day care and child day care	1 per 15	1 per 15	1
6	Mercantile	<u>M</u>	Retail stores, service stations, shops, salesrooms, markets and shopping centers	1 per 500	1 per 750	-
7	Residential	<u>R-1</u>	Hotels, motels, boarding houses (transient)	1 per sleeping unit	1 per sleeping unit	1 per sleeping unit
		<u>R-2</u>	Dormitories, fraternities, sororities and boarding houses (not transient)	1 per 10	1 per 10	1 per 8

		<u>R-2</u>	Apartment house	1 per dwelling	1 per dwelling	1 per dwelling unit
		<u>R-3</u>	One- and two-family dwellings and lodging houses with five or fewer guestrooms	1 per dwelling	1 per 10	1 per dwelling unit
			Congregate living facilities with 16 or fewer persons	1 per 10	1 per 10	1 per 8
8	Storage	<u>S-1 S-2</u>	Structures for the storage of goods, warehouses, storehouses and freight depots, low and moderate hazard	1 per 100	1 per 100	See footnote g

Section 4. Section R501.4 of the Seattle Energy Code, adopted by Ordinance 126279, is amended to read as follows:

[S] R501.4 Compliance. *Alterations, repairs, additions* and changes of occupancy to, or relocation of, existing buildings and structures shall comply with the provisions for *alterations, repairs, additions* and changes of occupancy or relocation, respectively, in this code and the *International Residential Code, International Building Code, International Existing Building Code, International Fire Code, International Fuel Gas Code, International Mechanical Code, Uniform Plumbing Code, International Property Maintenance Code*, and ((~~NFPA 70~~)) Seattle Electrical Code.

Section 5. Chapter 16 of the Seattle Existing Building Code, adopted by Ordinance 126278, is amended to read as follows:

CHAPTER 16 REFERENCED STANDARDS

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ASME	American Society of Mechanical Engineers Two Park Avenue New York, NY 10016
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((ASME A17.1-2016/ CSA B44-16)) A17.1/CSA B44-2019:	Safety Code for Elevators and Escalators 305.8.2 ((902.1.2)))
((A17.3-2015:	Safety Code for Existing Elevators and Escalators 902.1.2))
A18.1- ((2014)) 2017:	Safety Standard for Platform Lifts and Stairway Chair Lifts 305.8.3

* * *

Section 6. Section 2.4 of the Seattle Boiler and Pressure Vessel Code, adopted by Ordinance 126278, is amended to read as follows:

2.4 Terms not defined. When a definition is not found below, the definitions of terms found in the codes and standards listed in Section 3.1 of this code shall govern.

* * *

AUTOMATIC CERTIFICATION PERMIT means a permit used to modify the licensed attendance requirements for a specific boiler. (See Steam Engineer and Boiler (~~(Fireman))~~ Operator License Law, Seattle Municipal Code Chapter 6.420.)

* * *

BOILER, CERTIFIED AS AUTOMATIC means a boiler that complies with Section 4.25 of this code, has an automatic certification permit that passed final inspection and is used to modify the licensed attendant requirements for a specific boiler. (See “Steam Engineer and Boiler (~~(Fireman))~~ Operator License Law”, Seattle Municipal Code Chapter 6.420).

BOILER, CERTIFIED AS MONITORED means a boiler that complies with Section 4.26 of this code and is used to modify the licensed attendant requirements for a specific boiler. (See “Steam Engineer and Boiler (~~(Fireman))~~ Operator License Law”, Seattle Municipal Code Chapter 6.420.)

* * *

LICENSED OPERATOR means a person licensed to operate boilers in accordance with the Seattle Steam Engineer and Boiler (~~(Fireman))~~ Operator License Law, SMC Chapter 6.420.

* * *

Section 7. Section 4.5 of the Seattle Boiler and Pressure Vessel Code, adopted by Ordinance 126278, is amended to read as follows:

4.5 Emergency repairs. In the case of ~~((an))~~ emergency, the installation or repair of any boiler or pressure vessel or auxiliary equipment may be made without first applying for a permit. The code official shall be given notice by email or voicemail of the work performed within 24 hours or one business day from the time when the emergency work was started. Permit applications shall be submitted within the later of 24 hours or one working day from the start of the emergency work or as directed by the code official.

Section 8. Section 4.25 of the Seattle Boiler and Pressure Vessel Code, adopted by Ordinance 126278, is amended to read as follows:

4.25 Boilers certified as automatic. The Seattle Steam Engineer and Boiler ~~((Fireman))~~ Operator License Law, Seattle Municipal Code Chapter 6.420, provides for reduced attendance requirements for boilers that are certified as automatic. Boilers certified as automatic are required to have the following:

1. Control and limit devices as set forth in Table 4.25 or as certified by the manufacturer if approved by the code official to be equivalent.
2. Feed water systems not requiring manual operation.
3. Stack temperature gauges.
4. Oil temperature and oil suction pressure gauges and/or high and low gas pressure gauges, as applicable.
5. The original equipment manufacturer's operating and installation manual, together with electrical schematics or diagrams.
6. Boilers 12.5 MM BTU/H and greater. All boilers certified as automatic of 12,500,000 Btu/h input and greater shall also comply with the installation requirements of the current edition of NFPA 85, Boiler and Combustion Systems Hazards Code.
7. Solid fuel boilers. The code official may approve solid-fuel-fired boilers that meet the safety

requirements for automatic gas- or oil-fired boilers.

Section 9. Section 4.26 of the Seattle Boiler and Pressure Vessel Code, adopted by Ordinance 126278, is amended to read as follows:

4.26 Boilers certified as monitored. Boilers certified as monitored shall comply with the reduced attendance requirements allowed by the Seattle Steam Engineer and Boiler ((Fireman)) Operator License Law, Seattle Municipal Code Chapter 6.420. The boiler owner or lessee is responsible for compliance with this Section 4.26.

* * *

Section 10. Section 5.9.1 of the Seattle Boiler and Pressure Vessel Code, adopted by Ordinance 126278, is amended to read as follows:

5.9 Operation of boilers and pressure vessels.

5.9.1. Operation. Boilers and pressure vessels shall be operated and maintained by an appropriately licensed boiler operator as required by the Seattle Steam Engineer and Boiler ((Fireman)) Operator License Law, Seattle Municipal Code Chapter 6.420.

* * *

Section 11. This ordinance shall take effect and be in force 30 days after its approval by the Mayor, but if not approved and returned by the Mayor within ten days after presentation, it shall take effect as provided by Seattle Municipal Code Section 1.04.020.

Passed by the City Council the _____ day of _____, 2021, and signed by me in open session in authentication of its passage this _____ day of _____, 2021.

President _____ of the City Council

Approved / returned unsigned / vetoed this _____ day of _____, 2021.

Jenny A. Durkan, Mayor

Filed by me this _____ day of _____, 2021.

Monica Martinez Simmons, City Clerk

(Seal)