

BY-LAW NO. 13259

**A By-law to amend Building By-law No. 12511
Regarding the Addition of a Mechanical Permit
and Various Housekeeping and Miscellaneous Amendments**

THE COUNCIL OF THE CITY OF VANCOUVER, in public meeting, enacts as follows:

1. This By-law amends the indicated provisions of Building By-law No. 12511.
2. In the definition of “Appliance” in Sentence 1.4.1.2.(1) of Book I, Division A, Council adds “, including electricity,” after “a device to convert fuel”.
3. In Sentence 1.4.1.2.(1) of Book I, Division A, Council:
 - (a) strikes out the definition of “Constructor” and substitutes:

“**Constructor** or **Contractor** means a person who contracts with an *owner* or an authorized agent of an *owner* to undertake a *project*, and includes an *owner* who contracts with more than one person for the work on a *project* or undertakes the work on a *project* or any part thereof.”; and
 - (b) strikes out the definition of “Contractor” and substitutes:

“**Contractor** (see *constructor*).”.
4. In the definition of “Plumbing contractor” in Sentence 1.4.1.2.(1) of Book I, Division A, Council strikes out “either a plumber or a person who employs a plumber on a full time basis” and substitutes “either a *journeyperson plumber* or a person who employs a *journeyperson plumber* on a full time basis”.
5. In the definition of “Space-heating appliance” in Sentence 1.4.1.2.(1) of Book I, Division A, Council strikes out “such as a central *furnace* or *boiler*”.
6. In Sentence 1.4.1.2.(1) of Book I, Division A, Council adds the following new definitions in the correct alphabetical order:
 - (a) “**Gas contractor** means a person licensed as a *gas contractor* pursuant to the License By-law, and who is either a gas fitter or a person who employs a gas fitter on a full time basis.”;
 - (b) “**Heat loss calculation** means a calculation according to the methodology of CSA F280-12, “Determining the required capacity of residential space heating and cooling appliances”.”;
 - (c) “**Mechanical system** means a heating or cooling system and includes all components, controls, wiring and any piping associated with the system.”; and
 - (d) “**Municipal Heat Pump Certification** means a certification issued to a person who has completed the Municipal Heat Pump Certification training.”.
7. In Table 1.3.1.2. of Book I, Division B, Council:

(a) adds, in correct alphabetical order, the following new row:

“

CSA	F280-12	Determining the required capacity of residential space heating and cooling appliances	1.4.1.2.(1) of Division A
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” and,

(b) adds, in correct alphabetical order, the following new row:

“

ASSE/IAPMO/ ANSI	12080-2020	Professional Qualifications Standard for <i>Legionella</i> Water Safety and Management Personnel	A-1.6.9.4.(1) of Division C
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”

8. In Section 9.33. of Book I, Division B, in the title of the Section, Council strikes out “**Heating and Air-conditioning**” and substitutes “**Mechanical Systems**”.

9. In Article 10.2.2.14. of Book I, Division B, Council adds the following new Sentences in the correct numerical order:

“**6)** Heat pumps used to provide space heating shall be of the variable or multi stage compressor type.

7) Heat pumps providing space heating shall not provide for domestic hot water production, except where the heat pump only provides pre-heated water to a separate and independent electric domestic hot water system.”.

10. In Article 10.2.2.15. of Book I, Division B, Council adds the following new Sentence in the correct numerical order:

“**6)** In a *building* required to comply with this Article, gas-fired fireplaces are not permitted as the primary heating *appliance*.”.

11. In Sentence 1.4.1.2.(1) of Book II, Division A, Council:

(a) strikes out the definition of “Constructor*” and substitutes:

“**Constructor*** or **Contractor*** means a person who contracts with an *owner* or an authorized agent of an *owner* to undertake a *project*, and includes an *owner* who contracts with more than one person for the work on a *project* or undertakes the work on a *project* or any part thereof.”; and

(b) adds the following new definition in the correct alphabetical order:

“**Contractor*** (see *constructor**).”.

12. In Sentence 1.4.1.2.(1) of Book II, Division A, Council adds the following new definitions in the correct alphabetical order:

- (a) “**Appliance*** means a device to convert fuel, including electricity, into energy and includes all components, controls, wiring and piping required to be part of the device by the applicable standard referred to in this By-law.”;
- (b) “**Gas contractor*** means a person licensed as a gas *contractor* pursuant to the License By-law, and who is either a gas fitter or a person who employs a gas fitter on a full time basis.”;
- (c) “**GMAW** means gas metal arc welding.”;
- (d) “**GTAW** means gas tungsten arc welding.”;
- (e) “**Heat loss calculation*** means a calculation according to the methodology of CSA F280-12, “Determining the required capacity of residential space heating and cooling appliances”.”;
- (f) “**Mechanical system*** means a heating or cooling system and includes all components, controls, wiring and any piping associated with the system.”;
- (g) “**Municipal Heat Pump Certification*** means a certification issued to a person who has completed the Municipal Heat Pump Certification training.”;
- (h) “**Space-heating appliance*** means an *appliance* intended for the supplying of heat to a room or space directly, such as a *space heater*, fireplace or *unit heater*, or to rooms or spaces of a *building* through a heating system.”;
- (i) “**Space heater*** means a *space-heating appliance* for heating the room or space within which it is located, without the use of ducts.”; and
- (j) “**Unit heater*** means a suspended *space heater* with an integral air-circulating fan.”.

13. In the definition of “Cooling tower” in Sentence 1.4.1.2.(1) of Book II, Division A, Council adds “(See Note A-1.4.1.2.(1).)” to the end of the definition.

14. In Note A-1.4.1.2.(1) in the Notes to Part 1 of Book II, Division A, Council adds the following in the correct alphabetical order:

“Cooling Tower

From a Legionnaires’ disease prevention perspective, the fluid flow of interest is the water sprayed, evaporated, collected and recirculated within a *cooling tower* (the so-called “external circuit”). It is this water that requires appropriate treatment to keep *Legionella pneumophila* levels controlled.

For a *cooling tower* with multiple cells, if all of the cells share the same recirculated water, the whole unit can be considered one *cooling tower*. However, as a cautionary note for large systems, even with the same water flowing to all parts, it has been found by New York City’s Department of Health and Mental Hygiene that different locations within the same *cooling tower* can test positive and others can test negative for *Legionella pneumophila*.

For buildings with multiple cooling tower structures, in certain, rare configurations, and at the sole discretion of the *Chief Building Official*, it may be determined that the multiple cooling tower structures can be considered as one *cooling tower* for the purpose of this defined term. To be considered as one *cooling tower*, the recirculating water loops of the multiple cooling tower structures must share the same recirculated water and treatment

and the recirculating loops must always operate together. The *Chief Building Official* must be satisfied with the equipment owner’s reasoning and supporting evidence that there is a reasonable basis to presume that the water quality should be identical at all times across the multiple cooling tower structures. This assessment would consider the location, size, condition and mechanical configuration of the cooling towers, including valves and pipes; differences in exposure to sunshine, heat sources, neighbouring buildings, potential pollution sources, and mechanical equipment, such as exhaust fans; the control system and operational philosophy for the cooling towers; water quality data and compliance history; and maintenance records.”.

15. In Sentence 1.4.2.1.(1) of Book II, Division A, Council adds the following to the list of symbols and other abbreviations in the correct alphabetical order:

“**kW** kilowatt(s)”.

16. In Table 1.3.1.2. of Book II, Division B, Council:

- (a) in the By-law Reference column for CSA - CAN/CSA-B128.1-06 - Design and Installation of Non-Potable Water Systems:
 - (i) strikes out “2.7.2.1.(2)” and substitutes “2.7.2.1.(1)”, and
 - (ii) adds “2.7.5.2.(1)(c)” in the correct numerical order;
- (b) in the By-law Reference column for NSF/ANSI - 14-2017 - Plastics Piping System Components and Related Materials, strikes out “2.7.2.1.(1)” and substitutes “2.7.2.1.(2)”;
- (c) in the By-law Reference column for PSPC – MD 15161-2013 - Control of Legionella in Mechanical Systems, strikes out “A-2.2.11.6.(7)” and substitutes “A-2.2.11.6.(8), A-2.2.11.6.(9)”;
- (d) in the By-law Reference column for BC - B.C. Reg. 296/2010 – Pool Regulation, adds “of Division A” under “1.4.1.2.(1)”;
- (e) in the By-law Reference column for NSF/ANSI 61 – 2016 Drinking Water System Components – Health Effects, strikes out “2.2.6.11.(1)” and substitutes: “2.2.6.11.(1), 2.2.6.12.(1), 2.2.6.13.(1), 2.2.6.14.(1), 2.2.6.15.(1), 2.2.6.17.(1)”;
- (f) strikes out the row for NSF/ANSI 372 – 2016 Drinking Water System Components – Lead Content;
- (g) adds, in correct alphabetical order, the following new row:

“

CSA	F280-12	Determining the required capacity of residential space heating and cooling appliances	1.4.1.2.(1) of Division A
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”;

(h) adds, in correct alphabetical order, the following new row:

“

CSA	CAN/CSA-Z317.13-17	Infection Control During Construction, Renovation, and Maintenance of Health Care Facilities	A-2.2.11.6.(9)
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”; and

- (i) adds, in correct alphabetical order, the following new row:

“

ASSE/IAPMO/ANSI	12080-2020	Professional Qualifications Standard for <i>Legionella</i> Water Safety and Management Personnel	A-1.6.9.4.(1) of Division C
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17. In Clause 2.2.6.12.(1)(c), Clause 2.2.6.13.(1)(b), and Sentence 2.2.6.14.(1) of Book II, Division B, Council strikes out “NSF/ANSI 372, “Drinking Water System Components – Lead Content”” and substitutes “NSF/ANSI 61, “Drinking Water System Components – Health Effects.””.

18. In Sentence 2.2.6.15.(1) of Book II, Division B, Council:

- (a) strikes out “and” in Clause (a);
- (b) strikes out “Service.” and replaces it with “Service;” and” in Clause (b); and
- (c) adds a new Clause (c) as follows:

“c) NSF/ANSI 61, “Drinking Water System Components – Health Effects.””.

19. In Subsection 2.2.6. of Book II, Division B, Council adds a new Article in the correct numerical order as follows:

“2.2.6.17. Welded Stainless Steel

- 1) Welded stainless steel shall conform to NSF/ANSI 61, “Drinking Water System Components – Health Effects.”
- 2) Welding of stainless steel pipe for *potable plumbing systems* shall use a *GTAW* or *GMAW* process.”.

20. Council strikes out Sentences 2.2.11.6.(6) and 2.2.11.6.(7) of Book II, Division B and substitutes:

“6) Deleted.

7) *Legionella pneumophila* testing shall be conducted

a) in accordance with Article 2.2.1.7.,

b) on water samples collected at a point in the recirculation loop just prior to the point where treatment chemicals are injected, or where this is not feasible, from a location representative of water in the system,

c) no less than 48 hours and no more than 5 days after completion of system start-up and disinfection,

d) at minimum, while the *cooling tower* is in operation, each calendar month of operation, with not more than 33 days between samples, and

e) as required by Sentence (8).”.

21. In Sentence 2.2.11.6.(9) of Book II, Division B, Council adds “(See Note A-2.2.11.6.(9))” to the end of the Sentence.

22. In Clause 2.2.11.7.(2)(b) of Book II, Division B, Council adds “(See Note A-2.2.11.7.(2)(b))” to the end of the Clause.

23. In Sentence 2.2.11.7.(7) of Book II, Division B, Council:

- (a) in Clause (b) strikes out “and” at the end of the Clause;
- (b) renumbers Clause (c) as Clause (d); and
- (c) inserts a new Clause (c) as follows:

“c) at minimum, while the *decorative water feature* is in operation, every 2 calendar months of operation, with not more than 63 days between samples, and”.

24. In Table 2.2.11.6. of Book II, Division B, Council strikes out footnote (4) and substitutes:

“(4) For the person giving the immediate notice to the *Chief Building Official*, the *owner*, and the owner of the equipment, the person shall take all reasonable steps to give notice by speaking directly to or by telephone with each person required to be notified, a person designated for this purpose by the person required to be notified, or a person answering the telephone number designated for this purpose by the person required to be notified, and follow with notice in writing to each person within 24 hours. For the person giving immediate notice to the medical health officer, the person shall provide notice in writing immediately.”.

25. In Table 2.2.11.7. of Book II, Division B, Council strikes out footnote (3) and substitutes:

“(3) For the person giving the immediate notice to the *Chief Building Official*, the *owner*, and the owner of the equipment, the person shall take all reasonable steps to give notice by speaking directly to or by telephone with each person required to be notified, a person designated for this purpose by the person required to be notified, or a person answering the telephone number designated for this purpose by the person required to be notified, and follow with notice in writing to each person within 24 hours. For the person giving immediate notice to the medical health officer, the person shall provide notice in writing immediately.”.

26. Council strikes out Sentence 2.4.6.3.(1) of Book II, Division B and substitutes:

“**1)** Piping that is too low to drain into a *building sewer* by gravity shall be drained to a sump or receiving tank provided that
a) *fixtures* located above the *public sewer connection* shall drain by gravity, and

- b) any overflow piping shall drain to the *public sewer connection* by gravity except overflow piping from an *alternate water source system*.”.
27. In Sentence 2.4.6.3.(5) of Book II, Division B, Council adds “and *backwater valve*” after “of the *trap*”.
28. In Sentence 2.4.6.4.(3) of Book II, Division B, Council strikes out “Except as provided in Sentences (4) and (5)” and substitutes “Except as provided in Sentence (5)”.
29. Council strikes out Sentence 2.6.1.12.(1) of Book II, Division B and substitutes:
“**1** *Storage-type service water heaters* shall operate at a temperature not lower than 60°C. (See Note A-2.6.1.12.(1).)”.
30. In Column B of Table 2.7.1.3. of Book II, Division B, Council adds “adiabatic cooling systems,” after “make-up water for *cooling towers*,”.
31. In Article 2.7.2.1. of Book II, Division B, Council:
(a) strikes out Sentences (1) and (2) and substitutes:
“**1** Except as required by Sentence (2), all non-*potable* water pipes shall be identified and marked in accordance with CAN/CSA-B128.1, “Design and Installation of Non-Potable Water Systems.”
2 All non-*potable* water distribution pipes of 2 inch *size* and smaller shall be purple in colour and conform to the requirements of NSF-rw and NSF/ANSI 14, “Plastics Piping System Components and Related Materials.””; and
(b) in Sentence (3), adds “(See Note A-2.7.2.1.(3))” to the end of the Sentence.
32. In Sentence 2.7.5.1.(1) of Book II, Division B, Council adds “within 8 weeks of *occupancy*” after “shall be commissioned”.
33. In Subclause 2.7.5.2.(1)(a)(i) of Book II, Division B, Council strikes out “Article 2.2.7.1.” and substitutes “Article 2.2.1.7.”.
34. In Book II, Division B, Council strikes out Clause 2.7.5.2.(1)(c) and substitutes:
“c) a cross connection control test shall be performed as required by CAN/CSA-B128.1, “Design and Installation of Non-Potable Water Systems” and witnessed by the *Chief Building Official*.”.
35. Council strikes out Sentence 2.7.5.2.(2) of Book II, Division B, and substitutes:
“**2** Except as required by Sentence (3), if a water sample required by this Article fails to meet any of the standards set out in Table 2.7.7.1., an additional water sample for *E. coli* shall be collected no less than 48 hours and not more than 5 days after any cleaning or disinfection, tested, and reported.

3) If a *Legionella pneumophila* sample required by this Article fails to meet the standard set out in Table 2.7.7.1., an additional water sample for *Legionella pneumophila* and *E. coli* shall be collected no less than 48 hours and not more than 5 days after any cleaning or disinfection, tested, and reported.”.

36. In Column 4 of Table 2.7.7.1. of Book II, Division B, Council strikes out “every 2 months” wherever it appears and substitutes “every 2 calendar months”.

37. In Sentence 2.7.7.2.(1) of Book II, Division B, Council strikes out “every 2 months” and substitutes “every 2 calendar months”.

38. In Table 2.8.1.1. of Book II, Division B, Council adds the following new rows in correct numerical order:

“2.2.6.17. Welded Stainless Steel

(1) [F80-OH2.1, OH2.2, OH2.3]

(2) [F80-OH2.1, OH2.2, OH2.3]”.

39. In the Notes to Part 2 of Book II, Division B, Council adds, in correct numerical order, the following new Notes:

(a) **“A-2.7.2.1.(3) Non-potable water outlet identification.** An example of an acceptable graphical symbol is:



It is suggested that public education material also be posted to assist with risk perception and acceptance of treated non-potable water use.”;

(b) **“A-2.2.11.7.(2)(b) Health Advisory.** Examples of acceptable graphical symbols include





”; and

(c) **“A-2.2.11.6.(9) Offline Cleaning and Disinfection.**

The terms “cleaning” and “disinfection” have the meanings defined by Public Services and Procurement Canada’s standard MD 15161 “Control of *Legionella* in Mechanical Systems.”

More frequent *cooling tower* cleaning and disinfection may be necessary, especially for buildings with or near vulnerable populations. For health care facilities, refer to CAN/CSA-Z317.13 “Infection Control During Construction, Renovation, and Maintenance of Health Care Facilities” Clause 6.4.2.”.

40. In Article 1.5.2.10. of Books I and II, Division C, Council:

- (a) in the title of the Article, adds “, **Mechanical**” after “**Plumbing**”; and
- (b) in Sentence (1), adds “, *mechanical system*” after “plumbing system”.

41. In Article 1.5.3.4. of Books I and II, Division C, Council:

- (a) in the title of the Article, adds “**or Mechanical**” after “**Plumbing**”; and
- (b) adds the following new Sentence in the correct numerical order:

“3) The *Chief Building Official*, if of the opinion that the *mechanical system*, or any part of it, in any *building* is defective or inadequate, may notify the *owner* or occupant thereof of such condition and may order such *mechanical system*, or part thereof, be placed in a proper, safe and working condition.”.

42. In Subsection 1.6.3. of Books I and II, Division C, Council:

- (a) in the title of the Subsection, adds “, **Mechanical**” after “**Plumbing**”;
- (b) in Sentence 1.6.3.1.(1), adds “, *mechanical system*” after “*plumbing system*”;
- (c) renumbers Articles 1.6.3.3. through 1.6.3.7. as Articles 1.6.3.4. through 1.6.3.8. respectively;
- (d) adds a new Article 1.6.3.3. as follows:

“1.6.3.3. Permit for Mechanical System

1) The *Chief Building Official* shall only issue a *permit* to construct, extend, alter, renew or repair a *mechanical system* to a *plumbing contractor*, licensed *electrical contractor* or a *gas contractor*.

2) The *Chief Building Official* shall only issue a *permit* to install a *mechanical system* that includes a heat pump to a *plumbing contractor*, a licensed electrical contractor or a *gas contractor* who holds a *Municipal Heat Pump Certification*.”;

- (e) in the title of Article 1.6.3.7., adds “**or Mechanical**” after “**Plumbing**”; and
- (f) strikes out Article 1.6.3.8. and substitutes:

“1.6.3.8. Requirement for Inspection

1) A *plumbing system*, *mechanical system* or *sprinkler system* shall be inspected by the *Chief Building Official*, unless the *Chief Building Official* determines that an inspection is not necessary.”.

43. In Sentence 1.6.3.2.(1) of Book II, Division C, Council italicises “plumbing contractor”.

44. In Article 1.6.8.1. of Books I and II, Division C, Council strikes out Sentence (1) and substitutes the following:

“1) In this Subsection, “temporary” means for a time period not exceeding 12 consecutive months or a fixed term of occupancy not to exceed 3 years where *acceptable*.”.

45. In Subsection 1.6.9. of Book I, Division C, Council strikes out Articles 1.6.9.3., 1.6.9.4., and 1.6.9.5., and substitutes:

“1.6.9.3. Application Requirements for New Operating Permits and Renewals

1) To obtain or renew an *operating permit*, the owner of the equipment, device, apparatus, or system, or their authorized representative, shall file an application in writing in the form prescribed by the *Chief Building Official*.

2) The application for a new *operating permit* or the renewal of an *operating permit* shall be accompanied by the *operating permit* fees and any documentation required by the *Chief Building Official* to verify that the requirements of this By-law are being met.

3) Except as provided in Sentence (4), *operating permits* are valid for a one year period, and shall be renewed on an annual basis.

4) *Operating permits* for *once through cooling equipment* will be valid for a period deemed appropriate by the *Chief Building Official* or *City Engineer*, and if valid for a one year period, shall be renewed on an annual basis.

1.6.9.4. Owner Must be Certified

1) The owner of the equipment, device, apparatus, or system, or their authorized representative, must be certified under the Environmental Operators Certification Program, except that this requirement does not apply to *once through cooling equipment*. (See Note A-1.6.9.4.(1).)

1.6.9.5. Conditions on Operating Permits

- 1) The *Chief Building Official* may impose conditions on *operating permits* including, but not limited to, conditions regarding
- a) notifications and notices,
 - b) safety,
 - c) health,
 - d) design requirements,
 - e) *construction* requirements,
 - f) timing of *construction*,
 - g) deadlines for completion of *construction*,
 - h) reviews and inspections,
 - i) responsibilities of the owner of the equipment, device, apparatus, or system, the *constructor*, the *registered professional* and the *certified professional*,
 - j) compliance with this By-law and other enactments,
 - k) use and *occupancy*, and
 - l) temporary *buildings* and *occupancies*.

1.6.9.6. Operating Permit Fees

- 1) *Operating permit* fees are as set out in the Schedule of Fees at the end of this Part.”.

46. In Article 1.6.9.3. of Book II, Division C, Council adds the following sentences in the correct numerical order:

“2) The application for a new *operating permit* or the renewal of an *operating permit* shall be accompanied by the *operating permit* fees and any documentation required by the *Chief Building Official* to verify that the requirements of this By-law are being met.

3) Except as provided in Sentence (4), *operating permits* are valid for a one year period, and shall be renewed on an annual basis.

4) *Operating permits* for *once through cooling equipment* will be valid for a period deemed appropriate by the *Chief Building Official* or *City Engineer*, and if valid for a one year period, shall be renewed on an annual basis.”.

47. In Sentence 1.6.9.4.(1) of Book II, Division C, Council adds “(See Note A-1.6.9.4.(1).)” to the end of the Sentence.

48. In Subsection 2.2.3. of Books I and II, Division C, Council:

- (a) in the title of the Subsection, adds “, **Mechanical**” after “**Fire Protection**”; and
- (b) adds the following new Article in the correct numerical order:

“2.2.3.4. Information Required on Mechanical Drawings and Related Documents

- 1) If the *Chief Building Official* requires an application for a *permit* in respect of a *mechanical system*, mechanical drawings and related documents submitted with the application shall show

- a) the location and size of all mechanical *appliances*,
- b) the size of all major pipes and components,
- c) the *heat loss calculation*, and
- d) the full *mechanical system* being installed, drawn to an indicated scale.”.

49. In the Notes to Part 1 of Books I and II, Division C, Council adds, in correct numerical order, the following new Note:

“A-1.6.9.4.(1) Owner Must be Certified. The Environmental Operators Certification Program (EOCP) Building Water Systems (BWS) certification is the required minimum certification level, except that for non-*potable* water systems accepted by the *Chief Building Official* as an alternative solution, a more advanced water or wastewater certification may be required. Certification under the ASSE/IAPMO/ANSI 12080 Standard “Professional Qualifications Standard for *Legionella* Water Safety and Management Personnel” is an acceptable equivalent to the EOCP Building Water Systems certification.”.

50. In Note A-2.2.6.2.(1) of the Notes to Part 2 of Books I and II, Division C, Council:

- (a) in subsection (m), strikes out “, and” and substitutes “, ”;
- (b) in subsection (n), strikes out “.” and substitutes “, ”; and
- (c) adds the following new subsection in correct alphabetical order:

“(o) the heat loss calculations for heating and cooling of the building.”.

51. In “Part C – Operating Permits” of the Schedule of Fees in Books I and II, Council:

- (a) strikes out “pay to the City the fee set out hereunder:” and substitutes “pay to the City the fees set out hereunder:”; and
- (b) adds the following to the end of the part:

“For not renewing an OPERATING PERMIT on or before
the renewal dateThe OPERATING PERMIT
renewal fee plus \$100.00

For each reinspection made necessary due to non-compliance with this
By-law\$218.00

For each change of permit holder on an OPERATING PERMIT...\$100.00”.

52. In the Schedule of Fees in Books I and II, Council adds a new Part D – as follows:

“PART D – MECHANICAL PERMITS

For a MECHANICAL PERMIT in a 1-3 storey BUILDING..... \$350 + \$12.00 per 1kW

For a MECHANICAL PERMIT in a BUILDING of 4 stories and above.....\$800
+ \$100 for each electric heat pump installation above 6 total heat pump units”.

53. A decision by a court that any part of this By-law is illegal, void, or unenforceable severs that part from this By-law, and is not to affect the balance of this By-law.

54. This By-law is to come into force and take effect on the date of its enactment, except that sections 8, 9, 10, 40, 41, 42, 48 and 52 come into force and take effect on July 1, 2022.

ENACTED by Council this 8th day of February, 2022

Signed _____ "Kennedy Stewart"
Mayor

Signed _____ "Katrina Leckovic"
City Clerk