

CITY OF VANCOUVER BRITISH COLUMBIA



ELECTRICAL BY-LAW NO. 5563

This By-law is printed under and
by authority of the Council of
the City of Vancouver

(Consolidated for convenience only
to November 15, 2022)

BY-LAW No. 5563

**A By-law to regulate electrical works
in the City of Vancouver**

**[Consolidated for convenience only,
amended to include By-law No. 13546
effective January 1, 2023]**

The Council of the City of Vancouver, in open meeting assembled, enacts as follows:

1.0 INTERPRETATION

- 1.1 This By-law shall be cited as the "Electrical By-law".
- 1.2 Wherever the word "shall" is used in connection with any prohibited act or course of conduct, it shall be deemed to include the suffering, causing, permitting or allowing of such act or course of conduct to be done.
- 1.3 Unless the context otherwise requires, the following words and terms have the meanings hereinafter assigned to them:

"approved electrical contractor" means a person who holds a licence under the Licence By-law as a trade contractor authorized to carry out electrical work and a licence as a licensed contractor in respect of electrical equipment, under the Safety Standards Act.

"City Electrician" means the person from time to time duly appointed by Council as City Electrician and includes any persons appointed as assistants to the City Electrician.

"City Engineer" means the person from time to time duly appointed by Council as City Engineer and includes any persons appointed as assistants to the City Engineer.

"duplex with secondary suites" means a building containing two self-contained dwelling units where each self-contained dwelling unit contains one secondary suite."

"electrical equipment" includes any machinery, plant, works, wires, pipes, poles, conduits, apparatus, appliance and equipment used or designed or intended for use for or in connection with the generation, transmission, supply, distribution or use of electrical energy for any purpose.

"electrical works" means electrical equipment.

"field safety representative" means a person who holds a certificate of qualification as a field safety representative issued under Division 2 of the Electrical Safety Regulation to the Safety Standards Act.

"Lock-off unit" means a smaller dwelling unit within a larger principal dwelling unit, which must have separate external access and shared internal access, and which can be locked off from the larger dwelling unit, but does not include a secondary suite.

“owner” includes an agent thereof, a registered owner and an owner under agreement, and with respect to streets, the city represented by the City Engineer, and when used with reference to electrical equipment also includes the person having the custody, care, management, or use of the electrical equipment.

"premises" includes the land and any improvements situated thereon, and streets.

"repair" means the reconstruction or renewal of any part of an existing electrical installation.

"secondary suite" means secondary suite as defined in the Building By-law.

“single detached house with secondary suite” means a building containing only two dwelling units of which the secondary suite is smaller than the principal residence.”

2.0 ADMINISTRATION AND JURISDICTION

- 2.1 The City Electrician may enforce and carry out the provisions of this By-law, and may enforce and regulate the installation of electrical equipment in, on, under or above streets by owners and other persons.
- 2.1A The City Engineer has jurisdiction over ownership of electrical equipment in, on, under or above streets.
- 2.2 The City Electrician shall have the power, subject to the approval of Council, to employ such assistants and inspectors as deemed necessary for the purpose of enforcing and carrying out the provisions of this By-law, and such assistants and inspectors while at all times subject to the control and direction of the City Electrician shall have the same duties and powers as are delegated to the City Electrician by this By-law.
- 2.3 No persons shall interfere with or otherwise prevent or impede the City Electrician from enforcing or carrying out any of the provisions of this By-law.
- 2.4 This By-law creates no duty whatsoever on the City of Vancouver, the City Electrician or any other employee of the City of Vancouver to enforce its provisions, and failure to administer or enforce its provisions, or the incomplete or inadequate administration or enforcement of its provisions, shall not give rise to a cause of action. The issuance of any permit is not a representation, warranty or statement that the By-law has been complied with, and the issuance of a permit in error shall not give rise to a cause of action. Words defining the responsibility and authority of the City Electrician are internal administrative directions and are not to be construed as creating a duty.
- 2.5 With respect to electrical equipment on, over, under, or in a street, a person must comply with this By-law, the Encroachment By-law, any requirements of the City Engineer under the Encroachment By-law, any agreement under the Encroachment By-law that the city has the right to enforce against such person, and any other by-law that applies to electrical equipment.

3.0 GENERAL PROVISIONS

- 3.1 No person shall install any electrical equipment in, on or under any land or premises without first obtaining a permit from the City Electrician authorizing the installation.
- 3.2 No person shall connect any electrical equipment to any source or medium of electrical energy without first obtaining approval for the connection from the City Electrician.
- 3.3 No person shall
- (a) construct,
 - (b) alter,
 - (c) repair, or
 - (d) maintain
- any electrical equipment except in accordance with this By-law.
- 3.4 No person shall install any electrical equipment unless it has been approved in accordance with this By-law.
- 3.5 No person shall display, advertise, offer for sale, sell or otherwise dispose of electrical equipment unless it has been approved in accordance with this By-law.
- 3.6 If electrical equipment does not comply with By-law, or is being or has been connected, installed, constructed, altered, repaired or maintained in a manner which does not comply with this By-law, the City Electrician may disconnect or cause such equipment to be disconnected and may by notice to the owner or person in control of the equipment or premises where the equipment is located:
- (a) order that all work on the equipment be disconnected;
 - (b) order that the equipment be forthwith removed;
 - (c) order that the equipment be altered or reconstructed to comply with this By-law; and
 - (d) order that any connection, installation, construction, alteration, repair or maintenance be in compliance with this By-law.
- 3.7 Every person owning premises on or in which are dead wires, unused poles or unused electrical equipment shall, within 3 days after being served with an order by the City Electrician to do so, remove the wires, poles or equipment from the premises.
- 3.8 Nothing contained in this By-law shall be deemed or construed to relieve any person owning, operating, constructing, installing, altering, repairing or maintaining any electrical equipment from any liability for damages to any person injured by the operation, construction, installation, alteration, repair or maintenance of such equipment nor shall the City be deemed to have assumed any liability by reason of any inspection authorized

by this By-law.

- 3.9 Nothing in this By-law affects or impairs any contract with the City or any rights, powers or privileges now had or enjoyed by a public utility under its Act of Incorporation or any special Act.

4.0 SPECIAL PROVISIONS

- 4.1 Where, because of an emergency, there is an inadequate supply of the electrical equipment required by this By-law, Council may by resolution relax any provision of this By-law.
- 4.2 Where, because of fire, storm or other calamity, life or property is likely to be endangered by the existence or operation of any electrical equipment, the City Engineer, the City Electrician or the Fire Chief may direct the owner or person in control of the premises where the equipment is located to forthwith disconnect or remove the equipment, and if that person fails or refuses to disconnect or remove the equipment as directed, may cause it to be disconnected or removed.
- 4.3 Where a person carries on the business of manufacturing or producing electrical energy for personal use or for sale, and where emergency repairs are necessary within that person's generating station, a permit shall not be required, but within 24 hours after commencing such repairs that person shall advise the City Electrician of the circumstances of the repair, and such person shall not be exempt from any other provision of this By-law including inspection, regulations and payment of fees.
- 4.4 Every person installing electrical equipment underground shall first obtain approval for its location from the City Electrician, who may require a plan showing the location of the service entrance, the supply company's manhole, and any overhead service proposed for connection to the underground service.
- 4.5 Every person installing overhead conducting wires shall cause them to be supported by poles except where, in the opinion of the City Electrician, it is not possible or practical to do so, in which case the City Electrician may permit the wires to be otherwise carried over and connected to a building.
- 4.6 No person shall suspend wires or other electrical equipment above a street without first obtaining the approval of the City Engineer, who may require evidence that sufficient provision has been made for the carrying or replacement of such public service equipment as the City Engineer deems necessary, and that the provisions of this and any other By-law have been complied with.
- 4.7 No person shall suspend wires or electrical equipment above a building without first obtaining the approval of the City Electrician, who may require the furnishing of such plans, statements or other documents as deemed necessary.
- 4.8 Every person owning, operating or in the control of wires or other electrical equipment suspended or located above a building shall, within 15 days after being served with an order from the City Electrician requiring such person to do so, furnish the City Electrician with detailed plans and statements showing the following:

- (a) the number and location of poles on the property;
- (b) the number of crossarms on each pole and their spacing;
- (c) the number of wires attached to each crossarm and the spacing and location of such wires.

4.9 The City Electrician may relax any provision of this By-law and may charge a fee as set out in Schedule A for every special permission request if satisfied that:

- (a) an installation of electrical equipment is intended to be temporary in nature; or
- (b) special permission meets the fundamental safety principles of protection against electric shock, thermal effects, overcurrent, fault currents and overvoltage; in conformance with the Canadian Electrical Code, Part I adopted pursuant to Section 7.1.

5.0 PERMITS

5.1 Upon application by any person the City Electrician may issue a permit authorizing the installation, construction, alteration, repair or maintenance of any electrical equipment, and may include conditions on the permit, or may refuse to issue a permit for such work.

5.2 The City Electrician may refuse to issue a permit to any person if:

- (a) the existing electrical equipment in, on or under the land or premises is not in compliance with all provisions of this By-law;
- (b) information contained in the application for a permit is incorrect or inadequate to determine compliance with this By-law;
- (c) any fees incurred by the person pursuant to this By-law have not been paid;
- (d) the person has failed to comply with a provision of this By-law or with a directive or order of the City Electrician made pursuant to this By-law; or
- (e) the person is not an approved electrical contractor.

5.3 The City Electrician may revoke any permit if:

- (a) the permit was issued on the basis of incorrect information;
- (b) the permit was issued in error; or
- (c) there is a contravention of any condition under which the permit was issued.

5.4 The application for a permit shall be accompanied by the appropriate fee as set out in Schedule A of this By-law and shall include the following particulars:

- (a) the address, location and name of the registered owner or tenant of the premises for which the permit is sought;
 - (b) the name and the class of certificate of qualification of the field safety representative who will perform or supervise the electrical works under the permit;
 - (c) the name and address of any electrical contractor who will perform electrical works under the permit;
 - (d) the scope of work, type of permit and work, work description and installation details; and
 - (e) any other drawings, plans or specifications required by the City Electrician.
- 5.5 As a condition precedent to the issuance of any permit the City Electrician may require that any plans, specifications or drawings required by this By-law be approved by the City Electrician.
- 5.6 The approval of any plans, specifications or drawings and the issuance of any permit shall not in any way relieve the owner or an agent of the owner from full compliance with the provisions of this By-law.
- 5.7 Any permit issued shall relate solely to the premises or location described in the permit and shall not be transferrable.
- 5.8 Except as otherwise provided for in this By-law, a permit shall be valid for 180 days from the date of issuance and shall, unless extended by the City Electrician pursuant to section 5.9, be void thereafter.
- 5.9 Where satisfied that the work authorized by the permit has been commenced within 180 days of the date of issuance, the City Electrician may extend the validity of the permit for a further period of 180 days or for such other period as deemed advisable.
- 5.10 Where a permit has become void by reason of section 5.8 but the City Electrician is satisfied that the delay in the commencement of work is beyond the control of the person to whom the permit has been issued, the City Electrician may revalidate the permit for a further period of 180 days.
- 5.11 Notwithstanding section 5.8, where a temporary use of electrical power is necessary
- (a) to facilitate construction of a building;
 - (b) for decorative lighting of a temporary nature;
 - (c) for filming, theatre productions or special events;
 - (d) before a permanent connection can be approved; or
 - (e) for installation, construction, alteration, repair or maintenance of any temporary

electrical equipment;

the City Electrician may issue a permit for a temporary connection to electrical power. Such permit shall be valid for the applicable period set out in Schedule A.

- 5.12 Notwithstanding section 5.8 the City Electrician may issue a permit, described as an "annual permit", which shall be valid for 12 calendar months from the date of issuance, and may issue an annual permit where one person, firm, or corporation has more than one site.
- 5.13 Where an annual permit has been issued to a person pursuant to this By-law, that person shall not be required during the term of such permit to obtain a permit for minor electrical works which do not increase the total service supply or power supply KVA rating specified in the application by more than 5 percent.
- 5.14 An annual permit shall be required for the following:
- (a) the maintenance of existing operating electrical equipment;
 - (b) a service supply or power supply to a building or premises, where either or both supply ratings in combination exceed 500 KVA;
 - (c) any service supply or power supply to the electrical equipment that is greater than 750 volts; or
 - (d) any existing electrical equipment maintained for emergency service.
- 5.15 An annual permit issued pursuant to Section 5.14 authorizes an owner to maintain all existing operating electrical equipment in safe and proper working order in conformance with Rule 2-300 of the Canadian Electrical Code, Part I.
- 5.16 Where drawings or plans referred to in section 5.4 have not yet been approved, and notwithstanding section 5.7, the City Electrician may issue a permit for a limited period of time, described as an "interim permit", subject to such terms and conditions as deemed appropriate.
- 5.17 Any provision of this By-law which pertains to a permit shall also apply to an annual permit and an interim permit unless expressly exempted by this By-law.
- 5.18 If any person commences or causes the commencement of any installation, construction, alteration, repair or maintenance without first obtaining a valid permit therefor, the fee for such permit shall be double the applicable amount set out in Schedule A of this By-law.
- 5.19 Except as otherwise provided for by this By-law, a fee for a permit shall not be refunded.
- 5.20 A permit holder who has not yet commenced work authorized by the permit may apply in writing to the City Electrician for cancellation of the permit and a refund of a portion of the fee paid, and where the City Electrician recommends the refund and certifies that the work has not yet been commenced, the Director of Finance may refund a portion of the

fee paid. A refund will only be considered if applied for within 180 days of the permit being issued, and such refund is subject to the deduction of the administrative fees as set out in Schedule A.

- 5.21 No permit shall be required for the following:
- (a) the replacement of defective fuses, receptacles, switches or lamps with usable units of similar type and rating;
 - (b) minor alterations, repairs or additions to an installation covered by a subsisting annual permit issued pursuant to this By-law;
 - (c) the connection of household and personal electrical appliances to a standard wall or floor receptacle.
- 5.22 The holder of a permit under this By-law who finds it necessary to do additional electrical work which is not covered by the permit, may apply to amend the permit and the fee payable shall be based on Section 5.23. Each application to amend the permit shall be accompanied by the permit amendment review fee as set out in Schedule A, in addition to the fee payable based on section 5.23.
- 5.23 Where the actual cost of work, including materials and labour, as established to the satisfaction of the City Electrician, exceeds the estimated cost which was used to calculate the fee pursuant to Section 1 of Schedule A, an additional fee shall be payable and shall be the fee payable on the cost of work calculated by using the actual cost less the fee already paid using the estimated cost.
- 5.24 A holder of an annual permit shall:
- (a) request inspections within the time period of the permit;
 - (b) maintain an up to date log of electrical works undertaken under the permit;
 - (c) immediately notify the City Electrician if the field safety representative named on the permit ceases to perform or supervise the works; and
 - (d) immediately cease all electrical work under the existing permit and apply for a new permit, if the field safety representative named on the permit ceases to perform or supervise the works.
- 5.25 Despite Schedule A, during the permit application intake and review process, the City Electrician may reduce the fees for a permit where the City Electrician considers it necessary and desirable.
- 5.26 Permit applications must be completed within six months after the date of receipt of the application by the City Electrician, and if an applicant has failed to meet this requirement, the application will lapse and the City Electrician may deem the application to be expired. An expired application may not be renewed. To obtain a permit, the applicant must re-apply and pay the necessary fees for a new application in accordance with Schedule A of this By-law.

- 5.27 If a permit application has expired as outlined in Section 5.26, or is withdrawn, the Director of Finance may refund to the applicant a portion of the fee, as recommended by the City Electrician, subject to the deduction of the administrative fees as set out in Schedule A.
- 5.28 In the unusual circumstance where, in the opinion of the City Electrician, the final installation value of a permit is substantially less than the declared value that was used to calculate the fee pursuant to Section 1 of Schedule A, the permit holder may apply in writing to the City Electrician for an amendment of the installation value and a refund of a portion of the fee paid, and where the City Electrician recommends the refund, the Director of Finance may refund a portion of the fee paid.

6.0 INSPECTIONS

- 6.1 The City Electrician, or any person authorized by the City Electrician, may:
- (a) subject to section 2.1 and to subsection (b) of this section 6.1, inspect any electrical equipment anywhere at any time;
 - (b) enter any building or premises at any reasonable time for the purpose of inspecting and testing any wiring, appliance, equipment, conduit or apparatus used or designed, or intended for use, for or in connection with the generation, transmission, supply, distribution, or employment of electrical energy for any purpose; and
 - (c) remove or cause to be removed anything which might constitute an interference with an inspection.
- 6.2 Without restricting the generality of section 6.1(b), an owner or occupier of a building or premises must allow the City Electrician, or any person authorized by the City Electrician, to enter the building or premises at any reasonable time to carry out an inspection under section 6.1(b) and to administer and enforce this By-law.
- 6.3 A person must not interfere with, prevent, or impede the City Electrician, or any person authorized by the City Electrician, from carrying out an inspection of electrical equipment under this By-law or any other by-law.
- 6.4 If electrical equipment is for any reason defective, unsafe or hazardous, the City Electrician may disconnect the equipment or by notice in writing to the owner or occupant of the premises where such equipment is installed or used may order that:
- (a) the use of the premises or the use of the equipment be discontinued;
 - (b) the equipment be immediately disconnected or disconnected and removed from the premises;
 - (c) the equipment be altered or repaired as directed by the City Electrician;
 - (d) the manner of using the equipment be altered as directed by the City Electrician;

and may impose a time limit with respect to the order.

- 6.5 The City Electrician may charge a fee, as set out in Schedule A, for every inspection, reinspection and survey necessary to establish compliance with this By-law, and may collect the fee from the owner of the premises.
- 6.6 Upon the completion of any installation of electrical equipment, or any portion thereof, and before such equipment is concealed or covered up, the holder of the permit authorizing the installation shall notify the City Electrician of the completion, identify the permit by number, and request an inspection.
- 6.7 Subject to section 6.12, within 2 working days after receipt of the notice referred to in section 6.6, the City Electrician must inspect the equipment and must notify the holder of the permit that the installation of electrical equipment:
- (a) has been approved; or
 - (b) has not been approved and in such case, must order that the equipment be condemned or that changes be made to comply with this By-law.
- 6.8 Within 48 hours after receipt of a notice from the City Electrician to make changes pursuant to section 6.7, the holder of the permit shall alter, reconstruct or otherwise change the equipment so as to comply with this By-law, and shall thereupon notify the City Electrician in the manner set out in section 6.6.
- 6.9 Until:
- (a) the City Electrician, under section 6.7, has inspected electrical equipment, and approved the installation; or
 - (b) a permit holder, under section 6.12, has delivered to the City Electrician a duly completed declaration from the field safety representative named on the permit declaring that the work performed under the permit complies with the Safety Standards Act and its regulations and with this By-law;
- a person must not cover up, cut, disturb, or alter such electrical equipment.
- 6.10 After electrical equipment has been inspected and approved, no person shall place any pipe or other object adjacent to or cover the equipment in a manner that would have violated a provision of this By-law at the time of inspection.
- 6.11 For the purpose of this section, equipment shall be deemed not to be covered up or concealed merely by reason of the attachment of removable fixtures or fittings.
- 6.12 Despite section 6.7, in the case of any circumstance where the City Electrician considers it necessary or desirable including:
- (a) a labour dispute;

- (b) a weekend or statutory holiday; or
- (c) a special event;

within 24 hours after receipt of the notice referred to in section 6.6, the City Electrician may notify the holder of the permit authorizing the installation that such permit holder must deliver to the City Electrician, within two working days after receipt of such notice, a declaration, signed by the field safety representative named on the permit and in the form and substance of the declaration required by the City Electrician, confirming that the installation of the electrical equipment referred to in section 6.6 complies with the Safety Standards Act and its regulations and with this By-law.

- 6.13 The permit holder referred to in section 6.12 must deliver to the City Electrician the declaration in accordance with the requirements of section 6.12.
- 6.14 The field safety representative who is required to sign a declaration under Section 6.12 must not sign the declaration unless the field safety representative has physically inspected the electrical work that is the subject of the declaration, and has confirmed both of the following in the declaration:
 - (a) that the field safety representative has personally inspected the electrical work; and
 - (b) that the field safety representative believes, based on their inspection, that the electrical work complies with:
 - (i) the Safety Standards Act and its regulations, and
 - (ii) this By-law.

7.0 RULES AND REGULATIONS

7.1 Council adopts and makes part of this By-law the Canadian Electrical Code, Part I, 24th Edition, Safety Standard for Electrical Installations, Canadian Standards Association Standard C22.1-2018, subject to any variations adopted pursuant to the *Safety Standards Act*.

7.2 Where there is a conflict between a provision of this By-law and the Canadian Electrical Code adopted pursuant to section 7.1, the provision of this By-law shall prevail.

7.3 In addition to the regulations adopted pursuant to section 7.1 or referred to elsewhere in this By-law, the following regulations apply.

7.3.1 Change of Use or Occupancy

Where a change of use or occupancy occurs in or is proposed for an existing building, the electrical equipment therein shall be altered to comply with the regulations pertaining to the new or proposed use or occupancy.

7.3.2 Rewiring

Where, in the opinion of the City Electrician, proposed alterations or installations of electrical equipment amount to a substantial rewiring of an existing building, such alterations and installations shall comply with the regulations pertaining to the use or occupancy of the building.

7.3.3 Reconnection

Where electrical equipment in an existing building has been disconnected from a supply source, and remains disconnected for a period longer than 90 days, no person shall reconnect the equipment without the approval in writing of the City Electrician, except that where a change of use or occupancy is involved, the equipment shall be altered if necessary to comply with this By-law.

7.3.4 Grounding

Except where otherwise permitted by the City Electrician, all grounded wiring systems shall employ artificial grounding electrodes as the primary grounding device.

7.3.5 Secondary Suites and Lock-Off Units

The provisions of this By-law apply to the construction of a smaller dwelling unit in a new or existing principal dwelling unit, except that:

- (a) if there is a combination panelboard that supplies circuits to the principal dwelling unit and the smaller dwelling unit and a single meter that measures electrical power consumption, the main combination panelboard must be located in a common area in the building that is accessible from both dwelling units;
- (b) notwithstanding subsection (a), a combination panelboard must be installed in a lock-off unit within a residential suite in a new apartment building;
- (c) the minimum ampacity of service or feeder conductors supplying the total load of a principal dwelling unit and any smaller dwelling unit within the principal dwelling unit must be based on the demand load calculated on the total living area plus all electrical loads of the principal dwelling unit and any smaller dwelling unit within the principal dwelling unit as if there is only one dwelling unit;
- (d) in addition to the demand calculated for each electric range located in the principal dwelling unit, for each electric range with a rating of 12 kW or less located in a smaller dwelling unit within the principal dwelling unit, a further 6kW demand must be added, plus 40% of the amount by which the rating exceeds 12 kW;
- (e) smoke alarms conforming to CAN/ULC-S531 must:
 - (i) have a manually operated silencing device and a backup battery,
 - (ii) be interconnected throughout the principal dwelling unit and any smaller dwelling unit within the principal dwelling unit, and
 - (iii) be connected to a branch circuit that supplies smoke alarms located in the principal dwelling unit, if the smoke alarms are located in a smaller

dwelling unit within the principal dwelling unit;

- (f) receptacles having CSA configuration 5-15R or 5-20R installed within 1.5 m of sinks, bathtubs, or shower stalls of any smaller dwelling unit within a principal dwelling unit must be of the Class A ground fault circuit interrupter type; and
- (g) where a portion of an existing single detached houses and duplexes is altered to include a smaller dwelling unit within the principal dwelling unit, the smaller dwelling unit must have:
 - (i) a minimum of two kitchen counter duplex receptacles supplied by two appliance circuits,
 - (ii) kitchen counter duplex receptacles either individually wired on separate branch circuits or collectively wired on a multi-wire branch circuit,
 - (iii) a minimum of two duplex receptacles located on different walls in each bedroom,
 - (iv) a minimum of three duplex receptacles located on different walls in the living room area, and
 - (v) additional receptacles as necessary to preclude the use of extension cords;

except that:

- (vi) general circuit branch wiring may be interconnected between a smaller dwelling unit and the principal dwelling unit; and
- (vii) only one electrical panelboard, located in either the principal dwelling unit or a smaller dwelling unit within the principal dwelling unit, and accessible to all occupants of the building, is required.

7.3.6 Energy Efficiency

Where a building is constructed, renovated, upgraded, or otherwise altered from the existing condition other than for the purposes of repair, an owner shall comply with the Energy Efficiency provisions in Part 10 of the applicable Building By-law only insofar as those provisions pertain to the installation of new electrical equipment, devices, conductors, and all associated electrical components.

7.3.7 Electric Vehicle Charging

Where required by the Building By-law, an owner shall comply with the electrical requirements governing Electric Vehicle Charging in Part 10 of that By-law.

8.0 NOTICES AND ORDERS

8.1 Where an owner is to be notified of an order or directive pursuant to this By-law, it shall

be sufficient to mail or deliver the notice to the address for the owner as listed in the records of the British Columbia Assessment Authority.

- 8.2 The City Electrician may order the immediate cessation of all or any part of any electrical installation being carried out contrary to this By-law, and shall give notice of such order by posting a copy on the affected premises.
- 8.3 Where a notice has been posted pursuant to section 8.2, no person shall commence or proceed with any electrical work on the premises without having first obtained the permission in writing of the City Electrician.
- 8.4 No person shall, unless authorized by the City Electrician, reverse, alter, deface, cover or in any way tamper with any notice, order, approval or permit posted upon or affixed to any building, place or thing pursuant to this By-law.
- 8.5 If, after being ordered or directed by the City Electrician or the City Engineer pursuant to this By-law, a person fails to do something within the time stated in the notice, the City Electrician may cause the matter or thing to be done and the cost to the City shall be recoverable by legal process.

9.0 OFFENCES AND PENALTIES

- 9.1 Every person who:
- (a) violates any of the provisions of this By-law;
 - (b) suffers or permits any act or thing to be done in contravention or in violation of any of the provisions of this By-law;
 - (c) neglects to do or refrains from doing anything required to be done by any of the provisions of this By-law;
 - (d) does any act which violates any of the provisions of this By-law; or
 - (e) fails to comply with any order, direction, or notice given under this By-law;
- commits an offence against this By-law.
- 9.2 Every person who connects, installs, constructs, alters, repairs or maintains any electrical equipment or uses any building, premises or property which does not in all respects comply with the provisions of this By-law commits an offence against this By-law.
- 9.3 Every person who commits an offence against this By-law is punishable on conviction by a fine of not more than \$10,000.00 and not less than \$250.00 for each offence.
- 9.4 Notwithstanding the minimum fine referred to in section 9.3, every person who commits an offence against section 3.1 by installing equipment without a permit, section 3.3(d) by failing to maintain electrical equipment, section 3.5 by dealing with unapproved equipment or section 9.1(e) by failing to comply with an order, direction or notice is liable

to a fine of not less than \$500.00 for each offence.

9.5 Every person who commits an offence of a continuing nature against this By-law is liable to a fine not less than \$250.00 and not more than \$10,000.00 for each day such offence continues.

10.0 REPEAL

10.1 By-law No. 3417 is repealed.

11.0 EFFECTIVE DATE

11.1 This By-law comes into force and takes effect on the date of its passing.

DONE AND PASSED in open Council this 13th day of July, 1982.

(Signed) "Michael Harcourt"
Mayor

(Signed) "R. Henry"
City Clerk

SCHEDULE A

1. **The following fees, based on the cost of work, including materials and labour, as estimated by the contractor or owner and established to the satisfaction of the City Electrician, shall be payable to the City and shall accompany every application for a permit for electrical work:**

When the estimated cost does not exceed \$250	\$90.10
When the estimated cost exceeds \$250 but does not exceed \$500	\$121.00
When the estimated cost exceeds \$500 but does not exceed \$700	\$159.00
When the estimated cost exceeds \$700 but does not exceed \$1,000	\$207.00
When the estimated cost exceeds \$1,000 but does not exceed \$10,000	\$207.00
plus for every \$1,000 of the estimated cost, or part thereof, over \$1,000	\$68.00
When the estimated cost exceeds \$10,000 but does not exceed \$50,000	\$946.00
plus for every \$1,000 of the estimated cost, or part thereof, over \$10,000	\$36.80
When the estimated cost exceeds \$50,000 but does not exceed \$100,000	\$2,670.00
plus for every \$1,000 of the estimated costs, or part thereof, over \$50,000	\$22.30
When the estimated cost exceeds \$100,000 but does not exceed \$500,000	\$3,950.00
plus for every \$1,000 of the estimated costs, or part thereof, over \$100,000	\$15.60
When the estimated cost exceeds \$500,000 but does not exceed \$1,000,000	\$11,110.00
plus for every \$1,000 of the estimated cost, or part thereof, over \$500,000	\$11.80

	When the estimated cost exceeds \$1,000,000	\$18,290.00
	plus for every \$1,000 of the estimated costs, or part thereof, over \$1,000,000	\$5.10
2.	The temporary power permit shall be valid for one year and the fee shall be:	
	(a) for single detached houses and duplexes	\$490.00
	(b) for installation, construction, alteration, repair or maintenance of temporary electrical equipment (such as electric crane or hoist; security alarm or camera; generator; transformer; motor; etc.), and	\$240.00
	(c) for all other uses where the temporary power is supplied from a power source not exceeding 750V	\$520.00
	(d) for all other uses where the temporary power is supplied from a voltage power exceeding 750V	\$1,440.00
3.	The fee for an annual permit for any one building or site shall be as follows:	
	(a) For section 5.14(b), or section 5.14(b) in combination with section 5.14(a),(c), and/or (d): Total service supply or power supply rating up to and including the first 500 kVA	\$499.00
	For 15 kVA or part thereof exceeding the first 500 kVA	\$10.60
	Subject to a maximum fee of	\$6,310.00
	(b) For section 5.14(c), or section 5.14(c) in combination with section 5.14(a) and/or section 5.14(d), when the supply rating is 500 kVA or less	\$499.00
	(c) For section 5.14(a) and/or section 5.14(d)	\$240.00
4.	The fees for an Electrical Permit for the Entertainment and Film Industry	
	(a) For an annual permit for filming in a single location	\$743.00
	(b) For an annual permit for filming in multiple locations	\$1,440.00
	(c) For a Temporary permit for filming in a single or multiple locations	

	for up to 14 days	\$240.00
	for 15 to 30 days	\$484.00
	for 31 to 60 days	\$726.00
	for 61 to 90 days	\$1,220.00
5.	The fee for staff time spent inspecting of electrical work or reviewing resubmitted or amended plans to determine compliance with this By-law, if a permit holder deviates from approved plans, for each quarter of an hour or part thereof	\$60.00
6.	The fee for an inspection of electrical work where errors or omissions were found at a previous inspection shall be	\$240.00
7.	The fee for inspection and plan review outside normal working hours and at a minimum inspection and review time of four (4) hours, including traveling time, shall be for each hour or part thereof	\$348.00
8.	The City Electrician may charge the following fees for an Electrical Permit for a temporary special event	
	(a) For equipment 5 kW or less	\$122.00
	(b) For equipment more than 5 kW but not exceeding 750 V for up to 14 days	\$240.00
	for 15 to 30 days	\$482.00
	for 31 to 60 days	\$725.00
	for 61 to 90 days	\$1,200.00
	(c) For equipment supplied from a High Voltage power source	\$1,460.00
9.	The fee for an application for special permission pursuant to Section 4.9 shall be	\$222.00
10.	For electrical equipment in trade shows that has not been approved in accordance with the provisions of the Electrical By-law, the fee for an application for permission to display or energize for up to 14 days	\$222.00
11.	The fee for an interim permit pursuant to Section 5.16 shall	\$207.00

be

12. The administration fees pursuant to Section 5.20 and 5.27 shall be

(a) the first \$90.10 of the permit fee when no plan review performed \$90.10

(b) the first \$240.00 of the permit fee when plan review performed \$240.00

13. The fee for a permit amendment review pursuant to Section 5.22 shall be \$90.10