



PROPOSED RULE MAKING

CR-102 (December 2017) (Implements RCW 34.05.320)

Do NOT use for expedited rule making

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OFFICE OF THE CODE REVISER
STATE OF WASHINGTON
FILED

DATE: January 19, 2021

TIME: 3:03 PM

WSR 21-03-078

Agency: Building Code Council

Original Notice

Supplemental Notice to WSR _____

Continuance of WSR _____

Preproposal Statement of Inquiry was filed as WSR WSR 20-21-054 ; or

Expedited Rule Making--Proposed notice was filed as WSR _____; or

Proposal is exempt under RCW 34.05.310(4) or 34.05.330(1); or

Proposal is exempt under RCW _____.

Title of rule and other identifying information: (describe subject) Chapter 51-50 WAC, Amendments to the 2018 International Building Code, addressing electrical vehicle charging stations

Hearing location(s):

Date:	Time:	Location: (be specific)	Comment:
April 16, 2021	10:00	1500 Jefferson Street S.E., Olympia WA98504	Due to COVID 19, this meeting might be held virtually.

Date of intended adoption: May 21, 2021 (Note: This is NOT the effective date)

Submit written comments to:

Name: Shannon Pitts
Address: 1500 Jefferson Street S.E., Olympia WA 98504
Email: SBCC@des.wa.gov
Fax:
Other:
By (date) April 16, 2021

Assistance for persons with disabilities:

Contact Shannon Pitts
Phone: 360-407-9255
Fax:
TTY:
Email: Shannon.pitts@des.wa.gov
Other:
By (date) April 12, 2021

Purpose of the proposal and its anticipated effects, including any changes in existing rules: This proposed rule is in response to ETSHB 1257 and addresses electrical vehicle charging stations.

Reasons supporting proposal: Required by ETSHB 1257

Statutory authority for adoption: RCW 19.27.031 and 19.27.074

Statute being implemented: 19.27 and 34.05 RCW

Is rule necessary because of a:

Federal Law?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Federal Court Decision?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
State Court Decision?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

If yes, CITATION:

Agency comments or recommendations, if any, as to statutory language, implementation, enforcement, and fiscal matters: The council is seeking comments on the issues proposed in these changes:
WAC 51-50-0427 Sections
427.1 Modifies the scope of projects impacted.
427.2 Changes the percentage from five to ten.
427.3 Addresses electrical rooms.
427.4 Addresses load management infrastructure.
427.5 Changes the percentage from five to ten and address how to count accessible stalls.

Name of proponent: (person or organization) Diane Glenn, Chair SBCC

<input type="checkbox"/> Private
<input type="checkbox"/> Public
<input checked="" type="checkbox"/> Governmental

Name of agency personnel responsible for:

	Name	Office Location	Phone
Drafting:	Stoyan Bumbalov	1500 Jefferson Street S.E., Olympia, WA 98504	360-407-9277
Implementation:	Stoyan Bumbalov	1500 Jefferson Street S.E., Olympia, WA 98504	360-407-9277
Enforcement:	Local jurisdictions having authority		

Is a school district fiscal impact statement required under RCW 28A.305.135? Yes No

If yes, insert statement here:

The public may obtain a copy of the school district fiscal impact statement by contacting:

Name:
Address:
Phone:
Fax:
TTY:
Email:
Other:

Is a cost-benefit analysis required under RCW 34.05.328?

Yes: A preliminary cost-benefit analysis may be obtained by contacting:
Name:
Address:
Phone:
Fax:
TTY:
Email:
Other:

No: Please explain: Exemption per RCW 34.05.328(5)(b)(v) for statute RCW 19.27.077

Regulatory Fairness Act Cost Considerations for a Small Business Economic Impact Statement:

This rule proposal, or portions of the proposal, **may be exempt** from requirements of the Regulatory Fairness Act (see chapter 19.85 RCW). Please check the box for any applicable exemption(s):

This rule proposal, or portions of the proposal, is exempt under RCW 19.85.061 because this rule making is being adopted solely to conform and/or comply with federal statute or regulations. Please cite the specific federal statute or regulation this rule is being adopted to conform or comply with, and describe the consequences to the state if the rule is not adopted.

Citation and description:

This rule proposal, or portions of the proposal, is exempt because the agency has completed the pilot rule process defined by RCW 34.05.313 before filing the notice of this proposed rule.

This rule proposal, or portions of the proposal, is exempt under the provisions of RCW 15.65.570(2) because it was adopted by a referendum.

This rule proposal, or portions of the proposal, is exempt under RCW 19.85.025(3). Check all that apply:

- RCW 34.05.310 (4)(b) (Internal government operations)
- RCW 34.05.310 (4)(c) (Incorporation by reference)
- RCW 34.05.310 (4)(d) (Correct or clarify language)
- RCW 34.05.310 (4)(e) (Dictated by statute)
- RCW 34.05.310 (4)(f) (Set or adjust fees)
- RCW 34.05.310 (4)(g) ((i) Relating to agency hearings; or (ii) process requirements for applying to an agency for a license or permit)

This rule proposal, or portions of the proposal, is exempt under RCW _____.

Explanation of exemptions, if necessary:

COMPLETE THIS SECTION ONLY IF NO EXEMPTION APPLIES

If the proposed rule is **not exempt**, does it impose more-than-minor costs (as defined by RCW 19.85.020(2)) on businesses?

- No Briefly summarize the agency’s analysis showing how costs were calculated. This will increase the cost of construction for impacted project but the cost is minor when compared to the overall development cost.
- Yes Calculations show the rule proposal likely imposes more-than-minor cost to businesses, and a small business economic impact statement is required. Insert statement here:

The public may obtain a copy of the small business economic impact statement or the detailed cost calculations by contacting:

Name: Stoyan Bumbalov
 Address: 1500 Jefferson Street, Olympia, WA 08504
 Phone: 360-407-9277
 Fax:
 TTY:
 Email: Stoyan.bumbalov@des.wa.gov
 Other:

Date: January 8, 2021

Name: Diane Glenn

Title: Chair, State Building Code Council

Signature:



NEW SECTION

WAC 51-54A-5707 Section 5705—On-demand mobile fueling operations.

5707.1 General. On-demand mobile fueling operations that dispense Class I, II and III liquids into the fuel tanks of motor vehicles shall comply with Sections 5707.1 through 5707.6.6.

EXCEPTION: Fueling from an *approved* portable container in cases of an emergency or for personal use.

5707.1.1 Approval required. Mobile fueling operations shall not be conducted without first obtaining a *permit* and approval from the fire code official. Mobile fueling operations shall occur only at *approved* locations. The fire code official is authorized to *approve* individual locations or geographic areas where mobile fueling is allowed.

5707.1.2 Coordination of permits. *Permits* across multiple authorities having jurisdiction shall be coordinated in accordance with Sections 5707.1.2.1 through 5707.1.2.4.

5707.1.2.1 Acceptance of permits issued by other authorities having jurisdiction. Local authorities having jurisdiction that allow mobile on demand fueling trucks may accept conforming *permits* issued and/or inspections performed by any other local authorities having jurisdiction in Washington state. Local authorities having jurisdiction that choose to accept conforming *permits* issued by other local authorities having jurisdiction in Washington state retain the right to enforce the provisions of this section.

5707.1.2.2 Local authorities having jurisdiction not offering operator or truck certification. A conforming operator or vehicle *permit* issued by one local authority having jurisdiction shall be recognized and accepted by all local authorities having jurisdiction in Washington state, if those local authority having jurisdictions allow mobile on-demand fueling and do not offer such operator or truck certification. Under no circumstances will an issuing local authority having jurisdiction be expected to perform permissive inspections beyond their jurisdiction.

5707.1.2.3 Commencing permit issuance. When a local authority having jurisdiction that has previously authorized mobile fueling operations but not issued their own *permits* commences *permit* issuance for mobile fueling operations or vehicles, that local authority having jurisdiction shall continue to accept *permits* previously issued by another local authority having jurisdiction in Washington state for three months or until their expiration date, whichever is sooner.

5707.1.2.4 Permit record maintenance. Issuing local authorities having jurisdiction shall maintain a publicly available list of current *permits* or other information source to enable all parties to have information about whether *permits* are in good standing.

5707.2 Mobile fueling vehicle. An on-demand mobile fueling vehicle shall be utilized in on-demand fueling operations for the dispensing of Class I, II or III liquids into the fuel tanks of motor vehicles and shall comply with Sections 5707.2.1 and 5707.2.2.

5707.2.1 Mobile fueling vehicle classifications. An on-demand mobile fueling vehicle shall be classified as one of the following:

1. **Type 1** Mobile Fueling Vehicle - A tank vehicle that complies with NFPA 385 and that has chassis-mounted tanks where the aggregate capacity does not exceed 1600 gallons (6057 L).

2. **Type 2** Mobile Fueling Vehicle - A vehicle with one or more chassis-mounted tanks or chassis-mounted containers, not to exceed 110 gallons (415 L) capacity for each tank or container and having an aggregate capacity not exceeding 800 gallons (3028 L) or the weight capacity of the vehicle in accordance with DOTn.

3. **Type 3** Mobile Fueling Vehicle - A vehicle that carries a maximum aggregate capacity of 60 gallons (227 L) of motor fuel in metal safety cans *listed* in accordance with UL 30 or other *approved* metal containers, each not to exceed 5 gallons (19 L) in capacity.

5707.2.2 Mobile fueling vehicle requirements. Each mobile fueling vehicle shall comply with all local, state and federal requirements, and the following:

1. Mobile fueling vehicles with a chassis-mounted tank in excess of 110 gallons (415 L) shall also comply with the requirements of Section 5706.6 and NFPA 385.

2. The mobile fueling vehicle and its equipment shall be maintained in good repair.

3. Safety cans and *approved* metal containers shall be secured to the mobile fueling vehicle except when in use.

4. Fueling a motor vehicle from tanks or containers mounted in a trailer connected to a mobile fueling vehicle shall be prohibited.

5707.3 Required documents. Documents developed to comply with Sections 5707.3.1 through 5707.3.3 shall be updated as necessary by the owner of the mobile fueling operation and shall be maintained in compliance with Section 108.3.

5707.3.1 Safety and emergency response plan. Mobile fueling operators shall have an *approved* written safety and emergency response plan that establishes policies and procedures for fire safety, spill prevention and control, personnel training and compliance with other applicable requirements of this code. The safety and emergency response plan shall specifically address and require that all operators assess surroundings prior to fueling to consider the presence of items listed in Section 5707.3.3.

5707.3.2 Training records. Mobile fueling vehicles shall be operated only by designated personnel who are trained on proper fueling procedures and the safety and emergency response plan. Training records of operators shall be maintained.

5707.3.3 Site plan. Where required by the fire code official, a site plan shall be developed for each location or area at which mobile fueling occurs. The site plan shall be in sufficient detail to indicate but not be limited to the following:

1. All buildings, structures.

2. Lot lines or property lines.

3. Electric car chargers.

4. Solar photovoltaic parking lot canopies.

5. Appurtenances on-site and their use or function.

6. All uses adjacent to the lot lines of the site.

7. Fueling locations.

8. Locations of all storm drain openings and adjacent waterways or wetlands.

9. Information regarding slope, natural drainage, curbing, and impounding.

10. How a spill will be kept on the site property.

11. Scale of the site plan.

5707.3.4 Tiered sites. Where a site permitting process is required by the local jurisdiction, a site shall be designated by the fire code official to be one of the following and based on local provisions as necessitated by zoning laws, environmental laws, public safety, and other characteristics.

5707.3.4.1 Tier 1 sites. Sites that do not present atypical geographic, safety or environmental concerns shall be provided expedited permitting review and shall allow *permit* issuance prior to site inspection. The fire code official may impose additional conditions and may perform a site inspection during the period of *permit* validity.

5707.3.4.2 Tier 2 sites. Sites that require an inspection shall be approved by the fire code official prior to *permit* issuance.

5707.4 Mobile fueling areas. During fueling, the mobile fueling vehicle and point of connection of the vehicle being fueled shall not be located on public streets, public ways or inside buildings. Fueling on the roof level of parking structures or other buildings is prohibited.

5707.4.1 Separation. During fueling, the point of connection of the vehicle being fueled shall not take place within 25 feet (7620 mm) of buildings, lot lines, property lines or combustible storage. Mobile fueling vehicles shall not park within 10 feet (3048 mm) of buildings, lot lines, property lines or combustible storage.

EXCEPTIONS:

1. The fire code official shall be authorized to decrease the separation distance for dispensing from metal safety cans or other *approved* metal containers in accordance with Section 5707.2.
2. The point of fueling shall not take place within 10 feet (3048 mm) of buildings, lot lines, property lines or combustible storage when the mobile fueling vehicle has an approved vapor recovery system or is servicing vehicles with on board refueling vapor recovery.

Where dispensing operations occur within 15 feet (4572 mm) of a storm drain, an *approved* storm drain cover or an *approved* equivalent method that will prevent any fuel from reaching the drain shall be used.

5707.4.2 Sources of ignition. Smoking, open flames and other sources of ignition shall be prohibited within 25 feet (7620 mm) of fuel dispensing activities. Signs prohibiting smoking or open flames within 25 feet (7620 mm) of the vehicle or the point of fueling shall be prominently posted on the mobile fueling vehicle. The engines of vehicles being fueled shall be shut off during fueling.

5707.4.3 Electrical equipment. Mobile fueling shall not occur within 20 feet of electrical equipment located within 18 inches of the ground unless such electrical equipment is rated for Class 1, Division 2 hazardous locations in accordance with NFPA 70.

5707.5 Equipment. Mobile fueling equipment shall comply with Sections 5707.5.1 through 5707.5.5.

5707.5.1 Dispensing hoses and nozzles. Where equipped, the dispensing hose shall not exceed 50 feet (15240 mm) in length. The dispensing nozzles and hoses shall be of an *approved* and *listed* type. Where metal-to-metal contact cannot be made between the nozzle and the fuel fill opening, then a means for bonding the mobile fueling vehicle to the motor vehicle shall be provided and employed during fueling operations.

5707.5.2 Break-away device. A listed break-away device shall be provided at the nozzle.

EXCEPTION: Mobile fueling vehicles equipped with an approved brake interlock tied to the nozzle holder that prohibits movement of the mobile fueling vehicle when the nozzle is removed from its holder or tied to the delivery of fuel that prevents activation of the pumping system.

5707.5.3 Shut-off valve and fuel limit. Mobile fueling vehicles shall be equipped with a *listed* shut-off valve assembly and a fuel limit switch set to a maximum of 30 gallons (116 L).

5707.5.4 Fire extinguisher. An *approved* portable fire extinguisher complying with Section 906 with a minimum rating of 4A:80-B:C shall be provided on the mobile fueling vehicle with signage clearly indicating its location.

5707.5.5 Spill kit. Mobile fueling vehicles shall contain a minimum 5 gallon (19 L) spill kit of an *approved* type.

5707.6 Operations. Mobile fueling vehicles shall be constantly attended during fueling operations with brakes set and warning lights in operation. Mobile fueling vehicles shall not obstruct emergency vehicle access roads.

5707.6.1 Dispensing hose. Where equipped, mobile fueling vehicles shall be positioned in a manner to preclude traffic from driving over the dispensing hose. The dispensing hose shall be properly placed on an *approved* reel or in an *approved* compartment prior to moving the mobile fueling vehicle.

5707.6.2 Drip control. Operators shall place a drip pan or an absorbent pillow under the nozzle and each fuel fill opening prior to and during dispensing operations to catch drips.

5707.6.3 Safety cones. Safety cones or other visual barriers shall be employed as warning devices to highlight the vehicle fueling area. Signs prohibiting smoking or open flames within 25 feet (7620 mm) shall be prominently posted in the vehicle fueling area.

5707.6.4 Vehicle lights. The mobile fueling vehicle flasher lights shall be in operation while dispensing operations are in progress.

5707.6.5 Nighttime deliveries. Nighttime deliveries shall only be made in areas adequately lighted per WAC 296-800-21005.

5707.6.6 Spill reporting. Spills shall be reported in accordance with Section 5003.3.1.