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ENGROSSED SUBSTITUTE SENATE BILL 6109

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State of Washington

65th Legislature

2018 Regular Session

By Senate Ways & Means (originally sponsored by Senators Van De Wege and Rolfes)

READ FIRST TIME 02/06/18.

1 AN ACT Relating to the International Wildland Urban Interface  
2 Code; amending RCW 19.27.031; adding a new section to chapter 19.27  
3 RCW; and adding a new section to chapter 43.30 RCW.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

5 **Sec. 1.** RCW 19.27.031 and 2015 c 11 s 2 are each amended to read  
6 as follows:

7 Except as otherwise provided in this chapter, there shall be in  
8 effect in all counties and cities the state building code which shall  
9 consist of the following codes which are hereby adopted by reference:

10 (1)(a) The International Building Code, published by the  
11 International Code Council, Inc.;

12 (b) The International Residential Code, published by the  
13 International Code Council, Inc.;

14 (2) The International Mechanical Code, published by the  
15 International Code Council, Inc., except that the standards for  
16 liquefied petroleum gas installations shall be NFPA 58 (Storage and  
17 Handling of Liquefied Petroleum Gases) and ANSI Z223.1/NFPA 54  
18 (National Fuel Gas Code);

19 (3) The International Fire Code, published by the International  
20 Code Council, Inc., including those standards of the National Fire  
21 Protection Association specifically referenced in the International

1 Fire Code: PROVIDED, That, notwithstanding any wording in this code,  
2 participants in religious ceremonies shall not be precluded from  
3 carrying handheld candles;

4 (4) Portions of the International Wildland Urban Interface Code,  
5 published by the International Code Council Inc., as set forth in  
6 section 2 of this act;

7 (5) Except as provided in RCW 19.27.170, the Uniform Plumbing  
8 Code and Uniform Plumbing Code Standards, published by the  
9 International Association of Plumbing and Mechanical Officials:  
10 PROVIDED, That any provisions of such code affecting sewers or fuel  
11 gas piping are not adopted;

12 ((+5)) (6) The rules adopted by the council establishing  
13 standards for making buildings and facilities accessible to and  
14 usable by individuals with disabilities or elderly persons as  
15 provided in RCW 70.92.100 through 70.92.160; and

16 ((+6)) (7) The state's climate zones for building purposes are  
17 designated in RCW 19.27A.020(3) and may not be changed through the  
18 adoption of a model code or rule.

19 In case of conflict among the codes enumerated in subsections  
20 (1), (2), (3), ((and)) (4), and (5) of this section, the first named  
21 code shall govern over those following.

22 The codes enumerated in this section shall be adopted by the  
23 council as provided in RCW 19.27.074. The council shall solicit input  
24 from first responders to ensure that firefighter safety issues are  
25 addressed during the code adoption process.

26 The council may issue opinions relating to the codes at the  
27 request of a local official charged with the duty to enforce the  
28 enumerated codes.

29 NEW SECTION. Sec. 2. A new section is added to chapter 19.27  
30 RCW to read as follows:

31 (1) In addition to the provisions of RCW 19.27.031, the state  
32 building code shall, upon the completion of statewide mapping of  
33 wildland urban interface areas consist of the following parts of the  
34 2018 International Wildland Urban Interface Code, published by the  
35 International Code Council, Inc., which are hereby adopted by  
36 reference:

37 (a) The following parts of section 504 class 1 ignition-resistant  
38 construction:

1 (i)(A) 504.2 Roof covering - Roofs shall have a roof assembly  
2 that complies with class A rating when testing in accordance with  
3 American society for testing materials E 108 or underwriters  
4 laboratories 790. For roof coverings where the profile allows a space  
5 between the roof covering and roof decking, the space at the eave  
6 ends shall be fire stopped to preclude entry of flames or embers, or  
7 have one layer of seventy-two pound mineral-surfaced, nonperforated  
8 camp sheet complying with American society for testing materials D  
9 3909 installed over the combustible decking.

10 (B) The roof covering on buildings or structures in existence  
11 prior to the adoption of the wildland urban interface code under this  
12 section that are replaced or have fifty percent or more replaced in a  
13 twelve month period shall be replaced with a roof covering required  
14 for new construction based on the type of ignition-resistant  
15 construction specified in accordance with section 503 of the  
16 International Wildland Urban Interface Code.

17 (C) The roof covering on any addition to a building or structure  
18 shall be replaced with a roof covering required for new construction  
19 based on the type of ignition-resistant construction specified in  
20 accordance with section 503 of the International Wildland Urban  
21 Interface Code.

22 (ii) 504.5 Exterior walls - Exterior walls of buildings or  
23 structures shall be constructed with one of the following methods:

24 (A) Materials approved for not less than one hour fire-resistance  
25 rated construction on the exterior side;

26 (B) Approved noncombustible materials;

27 (C) Heavy timber or log wall construction;

28 (D) Fire retardant-treated wood on the exterior side. The fire  
29 retardant-treated wood shall be labeled for exterior use and meet the  
30 requirements of section 2303.2 of the International Building Code; or

31 (E) Ignition-resistant materials on the exterior side.

32 Such materials shall extend from the top of the foundation to the  
33 underside of the roof sheathing.

34 (iii)(A) 504.7 Appendages and projections - Unenclosed accessory  
35 structures attached to buildings with habitable spaces and  
36 projections, such as decks, shall not be less than one hour fire-  
37 resistance rated construction, heavy timber construction, or  
38 constructed of one of the following:

39 (I) Approved noncombustible materials;

1 (II) Fire retardant-treated wood identified for exterior use and  
2 meeting the requirements of section 2303.2 of the International  
3 Building Code; or

4 (III) Ignition-resistant building materials in accordance with  
5 section 503.2 of the International Wildland Urban Interface Code.

6 (B) Subsection (1)(a)(iii)(A) of this section does not apply to  
7 an unenclosed accessory structure attached to buildings with  
8 habitable spaces and projections, such as decks, attached to the  
9 first floor of a building if the structure is built with building  
10 materials at least two inches nominal depth and the area below the  
11 unenclosed accessory structure is screened with wire mesh screening  
12 to prevent embers from coming in from underneath.

13 (b) Section 403.2 Driveways - Driveways shall be provided where  
14 any portion of an exterior wall of the first story of the building is  
15 located more than one hundred fifty feet from a fire apparatus access  
16 road. Driveways in excess of three hundred feet in length shall be  
17 provided with turnarounds and driveways in excess of five hundred  
18 feet in length and less than twenty feet in width shall be provided  
19 with turnouts and turnarounds. The county, city, or town will define  
20 the requirements for a turnout or turnaround as required in this  
21 subsection.

22 (2) All counties, cities, and towns may adopt the International  
23 Wildland Urban Interface Code, published by the International Code  
24 Council, Inc., or any portion thereof.

25 (3) In adopting and maintaining the code enumerated in  
26 subsections (1) and (2) of this section, any amendment to the code as  
27 adopted under subsections (1) and (2) of this section may not result  
28 in an International Wildland Urban Interface Code that is more than  
29 the minimum performance standards and requirements contained in the  
30 published model code.

31 NEW SECTION. **Sec. 3.** A new section is added to chapter 43.30  
32 RCW to read as follows:

33 (1) The department shall, to the extent practical within existing  
34 resources, establish a program of technical assistance to counties,  
35 cities, and towns for the development of findings of fact and maps  
36 establishing the wildland urban interface areas of jurisdictions in  
37 accordance with the requirements of the International Wildland Urban  
38 Interface Code as adopted by reference in section 2 of this act.

1       (2) The department shall develop and administer a grant program,  
2 subject to funding provided for this purpose, to provide direct  
3 financial assistance to counties, cities, and towns for the  
4 development of findings of fact and maps establishing wildland urban  
5 interface areas. Applications for grant funds must be submitted by  
6 counties, cities, and towns in accordance with regulations adopted by  
7 the department. The department is authorized to make and administer  
8 grants on the basis of applications, within appropriations authorized  
9 by the legislature, to any county, city, or town for the purpose of  
10 developing findings of fact and maps establishing wildland urban  
11 interface areas.

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