

ORDINANCE NO. 2014-12

**ORDINANCE ADOPTING THE OREGON FIRE CODE, 2014 EDITION;
AMENDING FOREST GROVE CODE SECTIONS 5.605, 5.610, 5.620, 5.625,
AND 5.635**

THE CITY OF FOREST GROVE ORDAINS AS FOLLOWS:

Section 1. Forest Grove Code Section 5.605 is hereby amended to read as follows (deleted wording *[bracketed and italics]*; added wording **bold**):

5.605 Adoption of the Fire Code, **2014** *[2004]* Edition.

- (1) The International Fire Code, **2014** *[2004]* Edition, as published and copyrighted by the International Code Council as amended and adopted by the Oregon State Fire Marshal's Office and known as The Oregon Fire Code, **2014** *[2004]* Edition, is hereby adopted by the City of Forest Grove for the purpose of prescribing regulations consistent with national recognized good practices for the safeguarding of life and property from the hazards of fire and explosions arising from the storage, handling, or use of hazardous substances, materials or devices, and from conditions hazardous to life and property in the use or occupancy of buildings or premises, except such portions as specifically deleted, modified or amended.
- (2) The Oregon Fire Code may also be known as "the fire code" or "IFC", "OFC", or the "State of Oregon Fire Code"
- (3) One copy of the Oregon Fire Code, **2014** *[2004]* Edition shall be on file with the City Recorder from the date on which this code shall take effect within the Forest Grove city limits.

Section 2. Forest Grove Code Section 5.610 is hereby amended to read as follows (deleted wording *[bracketed and italics]*; added wording **bold**):

5.610 Establishment and Duties of the Bureau of Fire Prevention.

- (1.) The Oregon Fire Code, **2014** *[2004]* Edition shall be enforced by the Bureau of Fire Prevention of the Fire Department of the City of Forest Grove, which shall be operated under the supervision of the Chief of the Fire Department.
- (2.) The Fire Marshal shall be the Chief of the Bureau of Fire Prevention and shall be designated by the Fire Chief.

Section 3. Forest Grove Code Section 5.620 is hereby amended to read as follows (deleted wording *[bracketed and italics]*; added wording **bold**):

Section 7. This ordinance is effective 30 days following its enactment by the City Council.

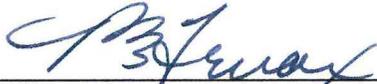
PRESENTED AND PASSED the first reading this 8th day of December, 2014.

PASSED the second reading this 12th day of January, 2015.



Anna D. Ruggles, City Recorder

APPROVED by the Mayor this 12th day of January, 2015.



Peter B. Truax, Mayor

5.620 Establishment of limits of districts in which storage of flammable or combustible liquids in outside above-ground tanks is to be prohibited.

(1.) The limits referred to in Section **5704.2.9.6.1** [3404.2.9.5.1] of the Oregon Fire Code, **2014** [2004] Edition in which storage of flammable or combustible liquids in outside above-ground tanks is prohibited, are established as follows: in all zones or areas except those zoned for and used as industrial use.

Section 4. Forest Grove Code Section 5.625 is hereby amended to read as follows (deleted wording [*bracketed and italics*]; added wording **bold**):

5.625 Establishment of limits in which the bulk storage of liquefied petroleum gases is to be restricted. The limits referred to in Section **6104.2** [3804.2] of the Oregon Fire Code in which bulk storage of liquefied petroleum gas is restricted are established as follows: In all zones or areas except those zoned for and used as industrial use.

Section 5. Forest Grove Code Section 5.635 is hereby amended to read as follows (deleted wording [*bracketed and italics*]; added wording **bold**):

5.635 Amendments to the Oregon Fire Code **2014 Edition**

APPENDIX C FIRE HYDRANT LOCATIONS AND DISTRIBUTION

SECTION C101 GENERAL

C101.1 Scope. Fire hydrants shall be provided in accordance with this appendix for the protection of buildings, or portions of buildings, hereafter constructed.

SECTION C102 LOCATION

C102.1 Fire Hydrant locations. Fire hydrants shall be provided along required fire apparatus access roads and adjacent public streets. Fire hydrant spacing on streets or roadways shall be measured from intersections whenever possible.

C102.2 Water System. The location of fire hydrants on both public and private property shall be approved by the chief and the city engineer. A detailed plan of the water system shall be submitted for issuance of the building permit.

Water mains shall not be less than 8 inches in size unless approved by the chief and city engineer.

Water mains and hydrants shall be sized to provide a minimum of 2000 gallons per minute at a residual pressure of 20 p.s.i.

SECTION C103 NUMBER OF FIRE HYDRANTS

C103.1 Fire hydrants available. The minimum number of fire hydrants available to a building shall not be less than that listed in Table C105.1. The number of fire hydrants available to a complex or subdivision shall not be less than that determined by spacing requirements listed in Table C105.1 when applied to fire apparatus access roads and perimeter public streets from which fire operations could be conducted.

SECTION C104 CONSIDERATION OF EXISTING FIRE HYDRANTS

C104.1 Existing fire hydrants. Existing fire hydrants on public streets are allowed to be considered as available. Existing fire hydrants on adjacent properties shall not be considered available unless fire apparatus access roads extend between properties and easements are established to prevent obstruction of such roads.

SECTION C105 DISTRIBUTION OF FIRE HYDRANTS

C105.1 Hydrant spacing. The average spacing between fire hydrants shall not exceed that listed in Table C105.1

Exception: The fire chief is authorized to accept a deficiency of up to 10 percent where existing fire hydrants provide all or a portion of the required fire hydrant service.

Regardless of the average spacing, fire hydrants shall be located such that all points on streets and access roads adjacent to a building are within the distances listed in Table C105.1

C105.2 Hydrant requirements. All new fire hydrants shall be equipped with a 4 inch Storz connection, and hydrant locations shall be marked with blue reflective pavement markers at street centerline.

**TABLE C105.1
NUMBER AND DISTRIBUTION OF FIRE HYDRANTS**

FIRE-FLOW REQUIREMENT (gpm)	MINIMUM NUMBER OF HYDRANTS	AVERAGE SPACING BETWEEN HYDRANTS^{a,b,c} (feet)	MAXIMUM DISTANCE FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT^D
1,750 OR LESS	1	400	250
2,000-2,250	2	400	225
2,500	3	400	225
3,000	3	400	225
3,500-4,000	4	350	210
4,500-5,000	5	300	180
5,500	6	300	180
6,000	6	250	150
6,500-7,000	7	250	150
7,500 or more	8 or more	200	120

For SI: 1 foot = 304.8 mm, 1 gallon per minute = 3.785 L/m.

- a. Reduce by 100 feet for dead-end streets or roads.
- b. Where streets are provided with median dividers which can be crossed by fire fighters pulling hose lines, or where arterial streets are provided with four or more traffic lanes and have a traffic count of more than 30,000 vehicles per day, hydrant spacing shall average 500 feet on each side of the street and be arranged on an alternating basis up to a fire-flow requirement of 7,000 gallons per minute and 400 feet for higher fire-flow requirements.
- c. Where new water mains are extended along streets where hydrants are not needed for protection of structures or similar fire problems, fire hydrants shall be provided at spacing not to exceed 1,000 feet to provide for transportation hazards.
- d. Reduce by 50 feet for dead-end streets or roads.
- e. One hydrant for each 1,000 gallons per minute or fraction thereof.

Section 6. If any portion of the ordinance is for any reason held to be unconstitutional or invalid by a court of competent jurisdiction, such shall not affect the validity of the remaining portions.