

CITY OF SHERWOOD

ORDINANCE NO. 97-1027

AN ORDINANCE ADOPTING FIRE CODES AND STANDARDS FOR TUALATIN VALLEY FIRE AND RESCUE A RURAL FIRE PROTECTION DISTRICT, PRESCRIBING REGULATIONS GOVERNING CONDITIONS HAZARDOUS TO LIFE AND PROPERTY FROM FIRE OR EXPLOSION, PROVIDING FOR THE ISSUANCE OF PERMITS FOR HAZARDOUS USES OR OPERATIONS, AND REPEALING ORDINANCE 96-1015 AND ADOPTING TUALATIN VALLEY FIRE AND RESCUE ORDINANCE 96-1.

WHEREAS, Tualatin Valley Fire & Rescue A Rural Fire Protection District, has developed uniform fire regulations for the City of Sherwood; and,

WHEREAS, Tualatin Valley Fire and Rescue A Rural Fire Protection District, hereinafter referred to as the District, desires to and finds it necessary to adopt the following regulations to provide minimum fire safety and that a plan for inspections and maintenance will upgrade existing structures, thereby reducing hazards of fire; and,

WHEREAS, the Council has considered this issue and believes it proper to enact a fire code and standards that can be administered reasonably and justly, so as to better balance both the interests of the individual property owner, the community and the city as a whole.

NOW THEREFORE, BE IT ORDAINED, by the Council of the City of Sherwood, Oregon:

TITLE AND FILING:

This ordinance, including the codes hereby adopted, shall be filed in the record of the District and in the office of Washington, Multnomah, and Clackamas County Clerks, the City of Sherwood and State Fire Marshal's office as prescribed by ORS 478.940. A copy shall be posted at each fire station within the District. From the date on which this ordinance shall take effect, provisions thereof shall be controlling within the territorial limits of the District and within each city or county within the District approving pursuant to ORS 478.924. The whole of this ordinance shall be known as the Fire Prevention Code and may be referred to as the Fire Code and shall be enforced by the Fire Marshal's Office created by Ordinance 91-02.

SCOPE:

This Fire Code provides minimum life and fire safety regulations to reduce the hazards of fire, explosion and other perils. The code also protects life and property to a reasonable degree by supplementing laws relating to fire safety and shall apply to existing buildings.

SECTION I, ADOPTION OF UNIFORM CODES

The following codes are hereby adopted by the District for the purpose of prescribing regulations governing conditions hazardous to life and property from fire or explosion. Those certain codes and standards known as the:

- A. Uniform Fire Code, 1994 Edition, Volume 1, including Appendices I-A, I-B, I-C, I-D (State Fire Marshal's Office), I-F (State Fire Marshal's Office), II-A, II-B, II-C, II-D, II-F, II-I, III-A, III-C, IV-A, V-A, VI-A, VI-B, VI-E, and VI-F as published and copyrighted by International Fire Code Institute and International Conference of Building Officials, except as hereinafter amended by this Ordinance.
- B. Uniform Fire Code, 1994 Edition, Volume 2, as published and copyrighted by the International Fire Code Institute and International Conference of Building Officials, except as hereinafter amended by this Ordinance.

SECTION II, DEFINITIONS

Definitions set forth in the Uniform Building Code, Uniform Mechanical Code, Uniform Fire Code and the National Fire Protection Association (NFPA) codes, standards, recommended practices and guides are hereby adopted save and except for the following:

- A. Whenever the terms "Administrator", "Director", or "Chief" are used, they shall be held to mean the Fire Chief or his authorized representative.
- B. Whenever the term "Authorized Representative" is used, it shall be held to mean the person charged with enforcement of the Fire Prevention Code.
- C. Whenever the term "Board of Appeals" is used, it shall be held to mean the Board of Appeals that is provided by the Fire Prevention Code of the District.
- D. Whenever the term "Board of Directors" is used, it shall be held to mean the elected officials of Tualatin Valley Fire and Rescue A Rural Fire Protection District.
- E. Whenever the term "Building Code" is used it shall be held to mean whichever building code is currently adopted in the particular jurisdiction served by this fire department or the particular building code or codes adopted by this district.
- F. Whenever the term "Building Department" is used it shall be held to mean the building department of the city or county of which it is a part thereof.
- G. Whenever the term "Building Official" is used in the Uniform Building Code, Uniform Mechanical Code and ORS Chapter 455, it shall mean the Building Official of the city or county which is a part of this district.
- H. Whenever the term "Chief" or "Chief of the Fire Department" is used, it shall be held to mean the Fire Chief of the District.
- I. Whenever the term "Chief of Police" is used, it shall be held to mean whichever chief of Police or Sheriff has jurisdiction within the geographical area so affected.

- J. Whenever the term "Corporate Counsel" or "City Attorney" or "Attorney General" is used, it shall be held to mean the Attorney for the District.
- K. Whenever the term "District" is used, it shall be held to mean Tualatin Valley Fire and Rescue A Rural Fire Protection District.
- L. Whenever the term "Fire Prevention Bureau" is used, it shall be held to mean the Fire Marshal's Office.
- M. Whenever the term "jurisdiction", "city", "county", "state", or "municipality" is used, it shall be held to mean the district or the city or county of which this District is a part.
- N. Whenever the term "hazardous vehicle" is used, it shall be held to mean vehicles blocking or obstructing a public or private right-of-way or fire hydrants, or vehicles with leaking fuel tanks or other hazardous materials, or vehicles located in violation of the Fire Prevention Code.
- O. Whenever the term "room" is used, it shall be held to mean a space or area bounded by any obstructions to exit passage which at any time encloses more than 80 percent of the perimeter of the area. In computing the unobstructed perimeter, openings less than 3 feet in clear width and less than 6 feet 8 inches high shall not be considered.

SECTION III, ESTABLISHMENT OF LIMITS FOR STORAGE OF FLAMMABLE OR COMBUSTIBLE LIQUIDS IN OUTSIDE ABOVE GROUND TANK:

The limits referred to in Section 7902.2.2.1 and 7904.2.5.4.2 of the Uniform Fire Code relating to the storage of Class I and II flammable or combustible liquids in outside aboveground tanks, are the limits of the District.

EXCEPTION: The Chief, after consideration of built-in fire protection or fire extinguishing facilities or topographical conditions and the District's firefighting capabilities may permit the installation of aboveground storage tanks in industrial areas, farms, gravel pits, rock quarries and other isolated areas.

SECTION IV, ESTABLISHMENT OF LIMITS FOR STORAGE OF EXPLOSIVES AND BLASTING AGENTS:

The limits referred to in Section 7701.7.2 of the Uniform Fire Code relating to the storage of explosive materials, are the limits of the District.

EXCEPTION: The Chief, after consideration of built-in fire protection or fire extinguishing facilities or topographical conditions, and the District's firefighting capabilities, may permit the storage of explosives and blasting agents on farms, gravel pits, rock quarries, and other isolated areas.

SECTION V, ESTABLISHMENT OF LIMITS FOR STORAGE OF LIQUEFIED PETROLEUM GAS:

The limits referred to in Section 8204.2 of the Uniform Fire Code in which storage of liquefied petroleum gas is restricted, are hereby established as the limits of the District.

EXCEPTION: The Chief, after consideration of built-in fire protection or firefighting facilities or topographical conditions, and the District's firefighting capabilities, may permit the installation of liquefied petroleum gas containers in industrial areas, farms, gravel pits, rock quarries, and other areas, and then only when approval has been obtained pursuant to Section 8202 of the Uniform Fire Code.

SECTION VI, AMENDMENTS MADE IN THE UNIFORM FIRE CODE:

The Uniform Fire Code is amended and changed in the following respects:

1. **Section 101.4**, is amended to read as follows:

"The Chief, with the approval of the Board of Directors, is authorized to make and enforce such rules and regulations for the prevention and control of fires and fire hazards as may be necessary from time to time to carry out the intent of this code. A minimum of one certified copy or number required by the governing laws of such rules and regulations shall be filed with the Clerk of the District and the Clerk of any cities or counties governed by the jurisdiction and shall be in effect immediately thereafter and additional copies shall be kept in the office of the fire district for distribution to the public."

2. **Section 103.2.1.1** is amended by deleting the word "and" in number 7, and adding the following:

"9. The adequacy of means of approach to buildings and structures by mobile fire apparatus and firefighting personnel,"

"10. Providing firefighting water supplies and fire detection and suppression apparatus adequate for the protection of buildings and structures,"

"11. Issuance of permits before burning trash or waste material, and "

"12. Inspection of premises by officers designated by the Chief and requiring removal of fire and life safety hazards found on premises at such inspections."

3. **Section 103.3.1.1** is amended by replacing the word "shall" with "may" in the first sentence.

4. **Section 103.4.4** is amended by replacing the word "misdemeanor" with "violation of the Fire Code (see ORS 478.930 and 478.990)."

5. **Section 103.4.5** is amended by deleting the following (last sentence of the section):

"See the procedure specified in Chapter 4 through 9 of the Uniform Code for the Abatement of Dangerous Buildings."

6. **Section 105.8** is amended by deleting all permits, except the following:

Tables 105A, B and C are deleted from this section and a new Table 105 is hereby created.

c.2. Carnivals and fairs

c.7 is amended to read: "To store, use or handle at normal temperatures and pressures compressed gasses in excess of the amounts listed in Table 105. A

permit is also required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify a compressed gas system."

"EXCEPTIONS: 1. For routine maintenance.
2. For emergency repair work performed on emergency basis."

c.9 is amended by replacing "Table 105-B", with "Table 105."

e.1. Explosives or blasting agents

f.3.3 is amended to read: "A permit is required to store, use or handle flammable or combustible liquids in excess of Table 105. A permit is also required to install, repair, abandon, remove, place temporarily out of service, close or substantially modify tanks or piping systems."

h.1 is amended by replacing "Table 105-C" wherever it appears in this paragraph with "Table 105."

h.2 is amended to read: "A permit is required to store, handle, or use hazardous production materials in Group H, Division 6 Occupancies when materials are greater than those specified in Table 105."

"h.4 Haunted Houses."

i.1 Liquified petroleum gases

o.2 Organic Coatings.

p.2 is amended to read: "A permit is not required for occupancies permitted by the building department for Group A occupancies. Other occupancies used for temporary assemblies shall obtain a permit."

p.3 Pyrotechnical special effects material

t.1 Tents, canopies and temporary membrane structures

7. Table 105 - Permit amounts for Hazardous Materials Presenting Physical or Health Hazard^{1,2,3}

CONDITION		STORAGE			USE - CLOSED SYSTEMS			USE - OPEN SYSTEMS	
Material	Class	Solid Lbs. (Cu.Ft.)	Liquid Gallons (Lbs.)	Gas Cu. Ft.	Solid Lbs. (Cu. Ft.)	Liquid Gallons (Lbs.)	Gas Cu. Ft.	Solid Lbs. (Cu. Ft.)	Liquid Gallons (Lbs.)
1.1 Combustible liquid	II	N.A.	120	N.A.	N.A.	120	N.A.	N.A.	30
	III-A	N.A.	330	N.A.	N.A.	330	N.A.	N.A.	80
	III-B	N.A.	13,200	N.A.	N.A.	13,200	N.A.	N.A.	3300
1.3 Cryogenic, flammable or oxidizing			45	N.A.	N.A.	45	N.A.	N.A.	10
2.1 Explosives		1	(1)	N.A.	1/4	(1/4)	N.A.	1/4	(1/4)
3.1 Flammable solid		125	N.A.	N.A.	25	N.A.	N.A.	25	N.A.
3.2 Flammable gas (gaseous) (liquefied)		N.A.	N.A.	750	N.A.	N.A.	750	N.A.	N.A.
		N.A.	15	N.A.	N.A.	15	N.A.	N.A.	N.A.
3.3 Flammable liquid Combination I-A, I-B, I-C	I-A	N.A.	30	N.A.	N.A.	30	N.A.	N.A.	10
	I-B	N.A.	60	N.A.	N.A.	60	N.A.	N.A.	15
	I-C	N.A.	90	N.A.	N.A.	90	N.A.	N.A.	20
		N.A.	120	N.A.	N.A.	120	N.A.	N.A.	30
4.1 Organic peroxide, unclassified detonatable		1	(1)	N.A.	1/4	(1/4)	N.A.	1/4	(1/4)
4.2 Organic peroxide	I	5	(5)	N.A.	1	(1)	N.A.	1	(1)
	II	50	(50)	N.A.	50	(50)	N.A.	10	(10)
	III	125	(125)	N.A.	125	(125)	N.A.	25	(25)
	IV	500	(500)	N.A.	500	(500)	N.A.	100	(100)
	V	N.L.	N.L.	N.A.	N.L.	N.L.	N.A.	N.L.	N.L.
4.3 Oxidizer	4	1	(1)	N.A.	1/4	(1/4)	NA.	1/4	(1/4)
	3	10	(10)	NA.	2	(2)	NA.	2	(2)
	2	250	(250)	N.A.	250	(250)	N.A.	50	(50)
	1	4,000	(4,000)	N.A.	4,000	(4,000)	N.A.	1,000	(1,000)
4.4 Oxidizer - gas (gaseous) (liquefied)		N.A.	N.A.	1,500	N.A.	N.A.	1,500	N.A.	NA.
		N.A.	15	N.A.	N.A.	15	N.A.	NA.	N.A.
5.1 Pyrophoric		4	(4)	50	1	(1)	10	0	0
6.1 Unstable (reactive)	4	1	(1)	10	1/4	(1/4)	2	1/4	(1/4)
	3	5	(5)	50	1	(1)	10	1	(1)
	2	50	(50)	250	50	(50)	250	10	(10)
	1	N.L.	N.L.	750	N.L.	N.L.	N.L.	N.L.	N.L.
7.1 Water reactive	3	5	(5)	N.A.	5	(5)	N.A.	1	(1)
	2	50	(50)	N.A.	50	(50)	N.A.	10	(10)
	1	125	(125)	N.A.	125	(125)	N.A.	25	(25)
8.1 Corrosives		5,000	500	810	5,000	500	810	1,000	100
9.1 Highly toxics		1	(1)	270	1	(1)	20	1/4	(1/4)
10.1 Irritants		5,000	500	810	5,000	500	810	1,000	100
11.1 Sensitizers		5,000	500	810	5,000	500	810	1,000	100
12.1 Other health hazards		5,000	500	810	5,000	500	810	1,000	100
13.1 Toxics		500	(500)	810	500	(500)	810	125	(125)

N.A. = not applicable N.L. = not limited

- 1 The aggregate quantity in use and storage shall not exceed the quantity listed for storage.
- 2 The quantity of alcoholic beverages in retail sales uses are unlimited provided the liquids are packaged in individual containers not exceeding 4 liters.
- 3 In a building where more than one business is located each business shall apply for an individual permit based on the permit quantities specified in this table.

8. Section 901.4.5 is amended by adding:

"901.4.5.1 No Parking Signs

1. Signs shall read "NO PARKING - FIRE LANE - TOW AWAY ZONE, ORS 98.810 to 98.812".
2. Vertical no parking signs shall be mounted with a clear space above ground level of 7 feet high.
3. Vertical no parking signs shall be 12 inches wide by 18 inches high. Signs shall have red or black letters and border on a white background."

9. Section 901.4.5.2 Curb and Surface Markings

Fire Access Road Curbs shall be painted yellow and be posted "No Parking Fire Lane" at each 25 feet. Lettering shall have a stroke of 1-inch width by 6-inches high. Roadway driving surfaces at the discretion of the Chief shall be painted with 6-inch diagonal striping. The color shall be yellow against a high contrast background.

10. Section 902.2.1 Required Access is amended by adding to the second paragraph to read:

"More than one fire apparatus road shall be provided when it is determined by the City, with advice from the Chief, by a single road might be impaired by vehicle congestion, condition of terrain, climatic conditions or other factors that could limit access."

11. Section 902.2.2.1 Dimensions first paragraph is amended as follows:

"Fire apparatus access roads shall comply with the provisions of City Code.

Second paragraph is amended as follows:

Vertical clearances or widths shall be increased when, in the opinion of the city, with advice from the Chief, vertical clearances or widths are not adequate to provide fire apparatus access."

12. Section 902.2.2.3 Turning Radius first paragraph is amended as follows:

"The turning radius of a fire apparatus access road shall be as approved by the City"

13. Section 902.2.2.4 Dead ends first paragraph is amended as follows:

"Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) in length shall be provided with provisions approved by the City, for turning around fire apparatus."

14. Section 902.2.4.1 is amended by adding a third paragraph to read:

"The Chief may order any vehicle to be removed which is in violation of the Uniform Fire Code and/or is an obstruction to suppression of fire. If the vehicle is left unattended, the Chief may cause the vehicle to be towed. Towing expenses will be incurred by the owner."

15. Section 903 is amended as follows:

"903.3 Required Fire Flow: No building shall be constructed, altered, enlarged, moved, or repaired in a manner that by reason of size, type of construction, number of stories, occupancy, or any combination thereof creates a need for a fire flow in excess of 3,000 gallons per minute at 20 pounds per square inch residual pressure, or exceeds the available fire flow at the site of the structure. The requirements for determining fire flow for all buildings are set out in Uniform Fire Code, Appendix III-A, in areas with municipally developed water supplies; or, National Fire Protection Association (NFPA) Standard 1231, 1993 Edition, Standard on Water Supplies for Suburban and Rural Firefighting for rural areas where no municipally developed water supply is available, which is hereby adopted and by this reference becomes a part of this ordinance."

"EXCEPTION: Fire flow requirements in excess of 3,000 gallons per minute may be allowed if, in the opinion of the Chief, all reasonable methods of reducing the fire flow have been included within the development and no unusual hazard to life and property exists.

Existing buildings that require a fire flow in excess of 3,000 gallons per minute are not required to comply with the fire flow requirements of this section. However, changes in occupancies or the character of occupancies, alterations, additions or repairs shall not further increase the required fire flow for buildings."

"903.3.1 Rural Water Supply: Outside of the boundaries of a municipal type water supply, the water supply for firefighting shall be provided in accordance with NFPA 1231.

Note: Credit for installation of alarm systems in Section VI 25 of this ordinance is not applicable to this section."

"EXCEPTIONS:

- (1) When smoke detection would produce adverse or false alarms, upon judgment of the Chief, fixed temperature or rate of rise heat detection may be substituted.
- (2) In other than the occupancies listed in ORS 479.010(I)(i) where in the opinion of the Chief the loss of a structure would not incur substantial impact on the community financially, commercial occupancies shall be equipped with a smoke detection system installed throughout complying with Uniform Fire Code Standard 10-2 and 10-3 that is monitored by a central station which has been approved by the Chief.
- (3) When there are not more than two Group R-3 or Group U occupancies on a single parcel of not less than one acre, the requirements of this section may be modified provided, in the opinion of the Chief, firefighting or rescue operations would not be impaired."

"903.3.2 Municipal or Public Water Supply: An approved water supply for areas inside water districts or municipally developed water supplies (private or public) capable of supplying required fire flow for fire protection shall be provided to all premises upon which buildings are moved or portions of buildings are hereafter constructed."

"EXCEPTION: Exceptions #2 and #3 of Section 903.3.1 may be applied to 903.3.2."

16. Section 903.4.2 is amended by adding:

"903.4.2.1 Commercial Buildings. Fire hydrants shall be located so that no portion of the exterior of a commercial building is more than 250 feet from a fire hydrant as measured in an approved manner around the outside of the structure and along the approved route of travel accessible to fire apparatus. The minimum number of hydrants shall be determined by the following: 1 hydrant for the first 2,000 gallons per minute of fire flow and 1 additional hydrant per 1,000 gallons per minute or fraction thereof of fire flow. Hydrants shall be determined prior to giving credit for fire protection systems in Section VI 25 of this ordinance."

"EXCEPTIONS:

- (1) When such buildings are protected throughout with an approved automatic fire extinguishing system, the Chief may allow variations up to a maximum of 500 feet, provided adequate protection is maintained.
- (2) Temporary and portable structures used at construction sites when all the following conditions are provided:
 - A. When the structures are not less than 40 feet from the primary structure(s) under construction or buildings on adjacent properties.
 - B. When the combined areas of the temporary portable structures are not greater than 2,500 square feet in size. Areas of structures may be considered as separate when there is 40 feet or more between each group of buildings. The square footage of cargo containers shall also be included in the area."

"903.4.2.2 Non-Commercial Buildings. Unless otherwise approved by the Chief, fire hydrants shall be placed at each street intersection. Intermediate hydrants are required when the distance to any part of a non-commercial building exceeds 500 feet as measured in an approved manner around the outside of the structure and along a route of travel accessible to fire apparatus."

"Note: For the purpose of Section 903, a "commercial building" means a building used for other than Group R Division 3 (When built as one or two family dwellings), Group U, or agricultural occupancies as defined in the Building Code."

"903.4.2.3 Fire Department Connection Pressurized Hydrants. Fire hydrants on private water mains that are pressurized by a fire department connection shall not be considered to contribute to the above requirements unless specifically approved by the Chief."

"903.4.2.4 Fire Hydrant Distance from Driving Surface. Fire hydrants shall be placed not more than 15 feet from an approved access roadway unless specifically approved by the Chief."

"903.4.2.5 Fire Department Connections. Fire department connection(s) shall not be attached to the protected structure unless approved by the Chief. Fire

department connection(s) shall be located within 70 feet (21,336mm) of a fire hydrant."

17. **Section 1107.1** is amended by adding the following sections:

"1107.1.1 The use of portable electric heaters and fuel fired space heaters in Groups I and SR Occupancies is prohibited."

"1107.1.2 All portable electric heating devices shall have a high-temperature limiting device and a tip-over switch. Use of unvented fuel fired space heaters shall be approved by the Chief."

18. **Article 11** is amended by adding Section 1115 to read the same as the State Fire Marshal's amendment to the Uniform Fire Code. (see attachment to this Ordinance)

19. **Article 30** is amended to read the same as the State Fire Marshal's amendments to the Uniform Fire Code. (see attachment to this Ordinance)

20. **Article 53** is added to read the same as the State Fire Marshal's amendments to the Uniform Fire Code. (see attachment to this Ordinance)

21. **Article 63** is amended by deleting Section 6323.

22. **Article 77** is amended to read the same as the State Fire Marshal's amendments to the Uniform Fire Code except Sections 7701.3, 7701.3.1, 7701.3.2, 7701.4 and 7701.7.2 are retained.

23. **Article 78, Section 7802**, is amended to read the same as the State Fire Marshal's amendments to the Uniform Fire Code except 7802.4.3 is retained. (see attachment to this Ordinance)

24. **Section 7901.3.2 Plans** is amended to read "Plans shall be submitted with each application for a permit to store more than 1,000 gallons of flammable or combustible liquids...(the remainder of the paragraph remains unchanged)"

25. **Section 8201** is amended by deleting the second sentence and creating a paragraph to read:

"**Section 8201.1** For regulation of liquefied petroleum gas, see ORS 480.410 through 480.460 and OAR 837-30-100 through 837-30-280."

26. **Section 8202** is amended as follows:

"**8202.1 Permits and Plans.** The Chief shall be notified prior to the installation of containers or receptacles approved for liquefied petroleum gas, including installations at private homes and apartments."

"EXCEPTION: The replacement of empty containers or receptacles with other containers constructed in accordance with the Interstate Commerce Commission specifications."

"Section 8202.2 Fees. All fees due and payable shall accompany the notification. The Chief shall collect from the installer an installation inspection fee to cover the cost of initial inspection by the Chief after installation. The installation inspection fee shall be set by ordinance"

"Section 8202.3 Plans. Where a single container is over 2,000-gallons (7571L) water capacity or the aggregate capacity of containers is over 4,000-gallon (15142L) water capacity, the installer shall submit plans for such installation prior to setting any tank(s)."

27. **Article 82** is amended by adding:

"Section 8215 Utility Plants. No person shall maintain or operate a liquefied petroleum gas utility plant without first obtaining a permit from the Chief."

28. **Article 82** is amended by adding a new Section 8216 to read:

"Section 8216 – Licenses.

(a) No person shall engage in or work at the business of installing, altering, extending or repairing liquefied petroleum gas equipment or appliances unless the person has received a gas installation license from the State Fire Marshal in accordance with ORS 480.410 to 480.460, as now enacted."

29. **Appendix I-E and I-F** are added as written and adopted by the State Fire Marshal's Office.

30. **Appendix III-A,** is amended as follows:

Section 4 is amended:

"4.2 Area Separation. Each portion of a building separated by one or more area separation wall(s), in accordance with the Uniform Building Code, Section 504.6 may be considered as a separate fire area(s) for the purpose of determining the required fire flow."

Section 5 is amended:

"5.2 Buildings other than one and two family dwellings. The required building fire flow and duration shall be determined by the size and construction type of the structure under consideration."

"5.2.1 Occupancy Hazards"

"5.2.1.1 Single Occupancy Hazards. Where only a single occupancy hazard is housed in a building the minimum required building fire flow shall be multiplied by the hazard factor in Table A-III-A-2 to determine the total required fire flow."

"5.2.1.2 Multiple Occupancy Hazards. Where more than one hazard is housed in a building the minimum required building fire flow shall be proportioned by percentage of the floor area used for each occupancy hazard. The proportioned

building fire flow shall be multiplied by the hazard factor, relating to that portion of the building in table A-III-A-2 and totaled to determine the required fire flow."

"Table A-III-A-2

Light Hazard Occupancies	1.0
Ordinary Hazard (Group 1)	1.2
Ordinary Hazard (Group 2)	1.3
Extra Hazard (Group 1)	1.4
Extra Hazard (Group 2)	1.5"

"Note: For examples of Occupancy Hazard Classifications see UBC Volume 3 Standard 9-1 Appendix Section A-1-4.7."

"5.2.2 The product of the multiplication in either 5.2.1.1 or 5.2.1.2 provides the total required fire flow."

"5.2.3 The total required fire flow may be reduced by one of the following options, but in no case shall be less than 1500 GPM @ 20 psi residual.

1. Reduced by 75 percent where a complete approved automatic fire extinguishing system meeting the requirements of the Uniform Building Code, Chapter 9, is installed throughout the building and the system is fully and electrically supervised in accordance with the Uniform Fire Code Standard 10-2 and is monitored by an approved underwriters laboratory listed central station.
2. Reduced by 50 percent where a complete automatic fire extinguishing system meeting the requirements of the Uniform Building Code, Chapter 9 is installed throughout the building.
3. Reduced by 25 percent where an approved complete smoke sensing fire detection and manual fire alarm system is installed throughout the building and electrically interconnected one with the other and electrically intertied to an approved central receiving station. The smoke detection shall meet the requirements of Uniform Fire Code Standards 10-2, and manual fire alarm pull stations and systems shall meet the requirements of Uniform Fire Code Standard 10-1. The central station shall be Underwriters Laboratory listed and approved by the Chief. The smoke detection option may be revoked by the Chief when excessive false alarming may occur or when other potential conditions may cause malfunctioning of the system."

31. Appendix A is amended by adding Section 3 and 4 per State Fire Marshal's amendments to the Uniform Fire Code. (see attachment to this Ordinance)

SECTION VII, PENALTIES

Any person who violates any of the provisions of these regulations hereby adopted or fails to comply therewith, or violates or fails to comply with any order made thereunder, or

who builds in violation of any detailed statements, specification or plans submitted and approved hereunder and from which no appeal has been taken, or shall fail to comply with such an order as affirmed or modified by the Board of Appeals or by a court of competent jurisdiction within the time affixed herein, shall severally, for each and every such violation and non-compliance respectively, be guilty of a violation of the Fire Prevention Code as provided in ORS 478.930, punishable upon conviction as prescribed by ORS 478.990. All fines or punishments authorized upon conviction shall include the costs to the District to remedy the violation including costs of towing, storage or removal of the hazard or obstruction if necessary.

Any person who violates the provisions of ORS 478.960 (Burning of certain materials permitted only with permission of the Chief; Burning Schedule (1) through (8)) shall be guilty of a misdemeanor, shall severally, for each and every violation be punishable upon conviction as prescribed by ORS 478.990 and shall be subject to costs under 478.965.

The corporate counsel, the Chief, or the Fire Marshal or designated representative may bring a complaint in law or in equity to alleviate a violation of this ordinance as well as in addition to the rights to enforce said ordinance under the provisions of ORS 478.930 and ORS 478.990.

SECTION VIII, PLAN REVIEW, SUBMITTAL OF PLAN FOR FIRE CODE APPROVAL

Plans and specifications therefore shall be submitted to the Chief of the District or his authorized representative for examination and approval with respect to conformance with these regulations and no construction shall proceed prior to such approval for the following: Flammable liquid storage utilization, transportation or dispensing facilities; facilities for the storage, handling, transport and use of explosive and blasting agents; dry cleaning plants; facilities for the storage, handling, use and transportation of liquefied petroleum gases; or any other building, structure or facility wherein highly combustible or hazardous materials are manufactured, utilized, dispensed, conveyed or stored.

When the Chief or authorized representative approves any such plan it shall be so signified by means of a stamp and signature. All construction or alteration shall thereafter comply with the approved plan, in all respects, unless modified by subsequent written permit or order of the Chief. Plans and specifications shall be drawn to scale upon substantial paper or cloth and shall be of sufficient clarity and detail to permit the Chief to determine the question of conformity with these regulations and shall include a plot plan showing type, location of the proposed buildings, structures, facilities and fire hydrant locations and access ways in relationship to the property lines, and all other buildings, structures and facilities proposed or existing on the premises. Approval of plans shall not be construed as a permit to violate any applicable law or regulation of the State, County, City, or Fire District.

SECTION IX, REPEAL OF CONFLICTING ORDINANCES

Pursuant to ORS 478.924, the provisions of this ordinance, i.e. the Fire Code, shall be controlling within the territorial limits of the District and within each city or county within the District approving pursuant to ORS 478.924. The existing fire code,

Ordinance 92-01, has been approved within each city and county within the District. The District desires that the existing fire code continue in effect until such time as the cities and counties within the District have approved this new Fire Code pursuant to ORS 478.924. Accordingly, Ordinance 92-01, and all former ordinances or parts thereof, which are conflicting or inconsistent with the provisions of this ordinance or of the code or standards hereby adopted, are hereby repealed, effective the effective date of this ordinance; provided, however, that Ordinance 92-01 shall continue in effect in each city or county which has approved it until the city or county approves this Ordinance 96-01. Further, prosecutions or violations under repealed ordinances may continue after the effective date of this ordinance.

SECTION X, VALIDITY

The City hereby declares that should any section, paragraph, sentence or word of this ordinance or of the Codes or Standards hereby adopted be declared for any reason to be invalid, it is the intent of the City that it would have passed all other portions of this ordinance independent of the elimination of any such portion as may be declared invalid.

SECTION XI, DATE OF EFFECT

The Sherwood City Council determines that it is necessary and expedient that the provisions of this ordinance be effective 30 days of final reading.

Duly passed by the City Council
this 24th day of June 1997

Sue Engels

~~Jon Berner~~, City Recorder
Sue Engels, Acting

Approved by the Mayor
this 24th June of May 1997
Ron Tobias

Ron Tobias, Mayor

	<u>Aye</u>	<u>Nay</u>
Aarnold	_____	_____
Boyle	_____	_____
Cottle	_____	_____
Tobias	_____	_____
Krause	_____	_____