



CO00016956

SNOHOMISH COUNTY COUNCIL  
SNOHOMISH COUNTY, WASHINGTON

ORDINANCE NO. 07- 087

RELATING TO FIRE PREVENTION AND SAFETY; ADOPTING THE 2006 EDITION  
OF THE INTERNATIONAL FIRE CODE AS REVISED; AND REPEALING, AMENDING  
AND ADDING SECTIONS IN TITLE 30 SCC

WHEREAS, the Washington State Legislature has adopted the most current  
construction codes as the State Building Code (SBC) pursuant to chapter 19.27 RCW  
effective in the State of Washington on July 1, 2007; and

WHEREAS, chapter 19.27 RCW mandates the administration and enforcement  
of the SBC by local governmental jurisdictions; and

WHEREAS, local governmental jurisdictions have been granted certain authority  
to amend the SBC pursuant to chapter 19.27 RCW; and

WHEREAS, the Snohomish County Council and the Snohomish County  
Executive have identified the regulation of development to ensure safe and quality  
construction as a high priority and have delegated the responsibility for administering  
the SBC to Snohomish County Planning and Development Services (PDS); and

WHEREAS, Snohomish County PDS endeavors to administer and enforce the  
SBC in accordance with chapter 19.27 RCW in order to provide for statewide  
consistency for the construction industry and the citizens of Snohomish County; and

WHEREAS, the implementation and enforcement of the International Fire Code  
(IFC) 2006 edition, published by the International Code Council, Inc., including  
standards of the National Fire Prevention Association (NFPA), as adopted and  
amended by the Washington State Building Code Council is required under the State  
Building Code Act (chapter 19.27 RCW); and

WHEREAS, the 2006 edition of the IFC as adopted and amended by the State of  
Washington regulates and governs the safeguarding of life and property from fire and  
explosion hazards arising from the storage, handling and use of hazardous substances,  
materials and devices and from conditions hazardous to life or property in the  
occupancy of buildings and premises; and

WHEREAS, the Snohomish County Fire Marshal solicited comments from fire  
chiefs and developers during the development of this ordinance and considered the  
comments in subsequent revisions of the draft ordinance; and

RELATING TO FIRE PREVENTION AND SAFETY; ADOPTING THE 2006 EDITION OF THE INTERNATIONAL FIRE CODE AS  
REVISED; AND REPEALING, AMENDING AND ADDING SECTIONS IN TITLE 30 SCC

1 WHEREAS, the Snohomish County Council Planning Committee discussed  
2 adopting the IFC on July 10, 2007 and August 14, 2007 and  
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4 WHEREAS, the Snohomish County Council conducted a public hearing on  
5 September 5, 2007, to consider the entire record and hear public testimony on  
6 Ordinance No. 07-087 adopting the IFC.  
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9 NOW, THEREFORE, BE IT ORDAINED:  
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11 Section 1. The foregoing recitals are incorporated by this reference as though  
12 set forth in full.

13 Section 2. The Snohomish County Council makes the following findings of  
14 fact:

- 15 A. The ordinance adopts the 2006 edition of the IFC including Appendices B and  
16 C as adopted and amended in chapter 51-54 Washington Administrative  
17 Code (WAC), and as further amended by Snohomish County by this  
18 ordinance. Local amendments exclude the adoption of IFC Chapter 1  
19 Administration and Section 903 Automatic Sprinkler Systems. Administrative  
20 provision are instead contained in parts 100 through 400 of new chapter  
21 30.53A SCC, and provisions pertaining to automatic sprinkler provisions are  
22 contained in new chapter 30.52G SCC.
- 23 B. To improve administrative effectiveness and usability, chapter 30.53A SCC  
24 (Uniform Fire Code) is repealed and a new chapter 30.53A SCC (Fire Code)  
25 is adopted.
- 26 C. The International Fire Code as adopted and amended by Snohomish County  
27 will be referenced as the "fire code" in the Unified Development Code (UDC)  
28 (title 30 SCC).
- 29 D. The adoption of the ordinance will promote fire and life safety through  
30 construction of buildings and structures consistent with accepted national  
31 standards.
- 32 E. Snohomish County is authorized to amend the SBC as it applies to the  
33 jurisdiction of the county, provided that the minimum performance standards  
34 of the code and the objectives of RCW 19.27.020 are not diminished by any  
35 local amendments.
- 36 F. IFC Chapter 1 Administration is not adopted. Instead, the administrative  
37 provisions as adopted by the IFC and amended by the state and the county  
38 are included in parts 100 through 400 of chapter 30.53A SCC in their entirety.  
39 County amendments to the administrative chapter of the IFC as adopted and  
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1 amended by the county include:

- 2 1. In SCC 30.53A.122, amendments are made to section 102.6 of the IFC  
3 to add the language "as determined by the fire marshal."
- 4 2. Amendments are made to IFC section 103 in SCC 30.53A.130 to  
5 reflect PDS's organizational structure, and the appointment of the fire  
6 marshal and deputies. PDS does not have a "Department of Building  
7 Safety." Instead the section will reference the "Office of the Fire  
8 Marshal."
- 9 3. A new section is added to section 104.2.1 of the IFC in SCC  
10 30.53A.146 to provide clarity on PDS's existing investigation  
11 procedures.
- 12 4. An amendment is made to section 104.10.1 of the IFC in SCC  
13 30.53A.178 adding the language "or the enforcement of the fire code  
14 as requested by the fire marshal."
- 15 5. IFC section 105.1.1 regarding permits and fee requirements, is  
16 amended in SCC 30.53A.190 to reference PDS fee requirements in  
17 chapter 30.86 SCC.
- 18 6. IFC section 105.1.2 regarding types of permits, is amended in SCC  
19 30.53A.192 to add provisions for fireworks permits consistent with the  
20 existing UDC and special events permits issued by the fire marshal's  
21 office.
- 22 7. IFC section 106.2 regarding inspections, is amended in SCC  
23 30.53A.362 to add a provision regarding the authority to conduct  
24 inspections.
- 25 8. Section 108 of the IFC relating the board of appeals is not adopted.  
26 PDS analyzed the continued practicality of administering a board of  
27 appeals. A board of appeals has been rarely used. It is estimated that  
28 over the past 20 years, an appeals board has been used only three  
29 times. Establishing and maintaining a current appeals board with the  
30 appropriate technical expertise absorbs a lot of staff time and is costly.  
31 Boards that are not activated will not see the benefit of their  
32 participation. When needed, technical expertise is available from PDS  
33 staff, MyBuildingPermit.com representatives and the State Building  
34 Code Council. Due to the rarity of appeals and based on these  
35 considerations, an alternative method of appeal will be provided in  
36 SCC 30.50.040. Appeals of the fire marshal's determinations  
37 regarding application of the IFC will be to superior court through the  
38 Land Use Petition Act (LUPA) (chapter 36.70C RCW).

- 1 G. Section 202 of the IFC is amended in SCC 30.53A.500 to include additional  
2 definitions related to Snohomish County's application of the fire code that are  
3 currently in the UDC. These include the definitions for chief, chief of police or  
4 police department, commercial occupancy, fire department district, fire  
5 department connection, fire flow, fire hydrant, private fire hydrant, public fire  
6 hydrant, public water system, water purveyor, and water main.
- 7 H. SCC 30.53A.502 amends section 302 of the IFC to include the definitions for  
8 open burning that currently exist in the UDC.
- 9 I. SCC 30.53A.504 amends section 307.1.1 of the IFC to include the provision  
10 currently in the UDC that prohibits open burning at county landfill sites.
- 11 J. SCC 30.53A.506 amends section 308.3.7 of the IFC relating to the exceptions  
12 to when open-flame devices shall not be used in Group A occupancies by  
13 adding a fourth exception when the fire marshal determines that minimum  
14 performance standards of the IFC are met.
- 15 K. SCC 30.53A.508 amends section 401.3.4 of the IFC to incorporate existing  
16 UDC language regulating excessive false alarms.
- 17 L. SCC.30.53A.510 amends section 502 of the IFC to include the definitions for  
18 fire lane, fire department, and turnaround that currently exist in the UDC.
- 19 M. SCC 30.53A.512 deletes section 503 of the IFC and replaces it with a new  
20 section 503 relating to fire apparatus access road standards. Substantive  
21 amendments to the IFC relate to the fire access road requirements for access  
22 on dead ends, bridges, cul-de-sac grades, entrance gates for residential  
23 developments, split entrances to developments, and cul-de-sac planters. Of  
24 these amendments, those that contain more restrictive provisions than  
25 existing UDC code provisions include: cul-de-sac bulbs shall not exceed 6  
26 percent grade (consistent with the Engineering Design and Development  
27 Standards); cul-de-sac planter standards; split entries to residential  
28 development shall be allowed when fire aisles are at least 14 feet in width;  
29 bridge design must be designed to carry an American Association of State  
30 Highway and Traffic Officials HS 25-44 load or greater (changed from 20-44),  
31 residential gate requirements; and dead end fire apparatus access roads  
32 longer than 1,200 feet shall have intermediate turnarounds. The state defers  
33 the development of fire apparatus access regulations to local jurisdictions in  
34 RCW 19.27.060(5).
- 35 N. SCC 30.53A.514 amends section 508.1 of the IFC to incorporate existing  
36 UDC provisions related to required water supply, minimum requirements for  
37 water mains and fire hydrants, and exemptions from water supply and fire  
38 hydrant systems. The state defers the development of specific water supply  
39 regulations to local jurisdictions by not adopting Appendices B and C of the  
40 IFC.

- 1 O. SCC 30.53A.515 deletes section 508.2 of the IFC related to type of water  
2 supply because it is addressed in SCC 30.53A.514.
- 3 P. SCC 30.53A.516 amends section C105 of Appendix C of the IFC to include  
4 the county's existing provisions related to fire hydrant spacing.
- 5 Q. SCC 30.53A.518 amends section 508.5.1 of the IFC to maintain the county's  
6 current requirement for the distance from a fire hydrant at 150 feet and  
7 amends the second exception amending the word "buildings" to "Group R-3  
8 and Group U occupancies."
- 9 R. SCC 30.53A.520 replaces existing section 508.5.2 of the IFC with a new  
10 section relating to fire hydrant system inspection, testing and maintenance  
11 requirements.
- 12 S. SCC 30.53A.522 adds a new paragraph to section 508.5.3 of the IFC to  
13 provide additional specifications for water mains.
- 14 T. SCC 30.53A.524 adds a definition in section 602 of the IFC for "power tap."
- 15 U. SCC 30.53A.526 amends section 806.1.1 of the IFC to add an exemption  
16 from the general prohibition of natural cut trees. This provision exempting  
17 trees treated with a flame retardant and renewed to maintain flame resistance  
18 subject to approval of the fire marshal is not less restrictive than IFC  
19 standards because it requires a flame retardant standard to ensure safety.
- 20 V. SCC 30.53A.528 amends section 807.1 of the IFC relating to general  
21 requirements for decorative materials to add Group B to the list of  
22 occupancies affected by the flame resistant requirements.
- 23 W. SCC 30.53A.530 amends section 1404.5 of the IFC to add the word "fire  
24 watch."
- 25 X. SCC 30.53A.534 adds a new section 2703.9.10 to the IFC address the  
26 manufacturer's limitations on the storage and use of hazardous materials.
- 27 Y. SCC 30.53A.536 deletes section 3301.2 of the IFC which included redundant  
28 firework permit requirements.
- 29 Z. The proposal is necessary to protect the public health, safety and welfare of  
30 occupants or users of buildings and structures.

31 Section 3. The Snohomish County Council makes the following conclusions:  
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- 34 A. This ordinance adopting the 2006 edition of the IFC adopted by the  
35 International Building Code Council as amended by the state of Washington  
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on November 17, 2006, and including local amendments permitted under RCW 19.27.060, is compliant with the State Building Code Act adopted in chapter 19.27 RCW. The local amendments proposed in this ordinance are permitted administrative changes or more restrictive code provisions than those in the SBC.

B. The ordinance will promote the health, safety and welfare of the occupants or users of buildings and structures, as well as the general public by the provision of minimum performance standards and requirements for construction and construction materials, consistent with nationally accepted standards of engineering, fire and life safety.

C. This ordinance is required to implement the State Building Code Act, and not the Growth Management Act and, therefore, this ordinance does not adopt development regulations under SCC 30.10.080. Pursuant to SCC 30.73.040(2)(c), a planning commission review is not required.

D. Environmental review of the ordinance under the State Environmental Policy Act is not required pursuant to WAC 197-11-800(20).

Section 4. Snohomish County Code Chapter 30.53A, adopted by Ordinance 02-064 on December 9, 2002, is repealed.

Section 5. A new Chapter 30.53A is added to Subtitle 30.5 of the Snohomish County Code to read:

### **Chapter 30.53A Fire Code**

#### **PART 000 GENERAL**

30.53A.010 International Fire Code (IFC) 2006 edition – adopted.

#### **PARTS 100 - 400 ADMINISTRATION**

30.53A.100 Title (IFC 101.1).

30.53A.102 Scope (IFC 101.2).

30.53A.104 Appendices (IFC 101.2.1).

30.53A.106 Intent (IFC 101.3).

30.53A.112 Applicability of construction and design provisions (IFC 102.1).

30.53A.114 Administrative, operational and maintenance provisions (IFC 102.2).

30.53A.116 Change of use or occupancy (IFC 102.3).

30.53A.118 Application of building code (IFC 102.4).

30.53A.120 Historic buildings (IFC 102.5).

30.53A.122 Referenced codes and standards (IFC 102.6).

- 1 30.53A.124 Subjects not regulated by the fire code (IFC 102.7).
- 2 30.53A.126 Matters not provided for (IFC 102.8).
- 3 30.53A.128 Conflicting provisions (IFC 102.9).
- 4 30.53A.130 Office of the fire marshal – general (IFC 103.1).
- 5 30.53A.132 Appointment (IFC 103.2).
- 6 30.53A.134 Personnel and police (IFC 103.2.1).
- 7 30.53A.136 Deputies (IFC 103.3).
- 8 30.53A.138 Liability and legal defense (IFC 103.4 and 103.4.1).
- 9 30.53A.142 Authority and responsibilities – general (IFC 104.1).
- 10 30.53A.144 Applications and permits (IFC 104.2).
- 11 30.53A.146 Investigations (IFC 104.2.1).
- 12 30.53A.148 Right of entry (IFC 104.3).
- 13 30.53A.150 Warrant (IFC 104.3.1).
- 14 30.53A.152 Identification (IFC 104.4).
- 15 30.53A.154 Correction notices and notice and orders (IFC 104.5).
- 16 30.53A.156 Official records (IFC 104.6).
- 17 30.53A.158 Approvals (IFC 104.6.1).
- 18 30.53A.160 Inspections (IFC 104.6.2).
- 19 30.53A.162 Fire records (IFC 104.6.3).
- 20 30.53A.164 Administrative (IFC 104.6.4).
- 21 30.53A.166 Approved materials and equipment (IFC 104.7).
- 22 30.53A.168 Material and equipment reuse (IFC 104.7.1).
- 23 30.53A.170 Technical assistance (IFC 104.7.2).
- 24 30.53A.172 Modifications (IFC 104.8).
- 25 30.53A.174 Alternative materials and methods (IFC 104.9).
- 26 30.53A.176 Fire investigations (IFC 104.1.0).
- 27 30.53A.178 Assistance from other agencies (IFC 104.10.1).
- 28 30.53A.180 Authority at fires and other emergencies (IFC 104.11).
- 29 30.53A.182 Barricades (IFC 104.11.1).
- 30 30.53A.184 Obstructing operations (IFC 104.11.2).
- 31 30.53A.186 Systems and devices (IFC 104.11.3).
- 32 30.53A.188 Permits – general (IFC 105.1).
- 33 30.53A.190 Permits and fees required (IFC 105.1.1).
- 34 30.53A.192 Types of permits (IFC 105.1.2).
- 35 30.53A.194 Permits for the same location (IFC 105.1.3).
- 36 30.53A.196 Application (IFC 105.2).
- 37 30.53A.198 Refusal to issue permit (IFC 105.2.1).
- 38 30.53A.200 Inspection authorized (IFC 105.2.2).
- 39 30.53A.202 Time limitation of application (IFC 105.2.3).
- 40 30.53A.204 Action on application (IFC 105.2.4).
- 41 30.53A.206 Conditions of a permit (IFC 105.3).
- 42 30.53A.208 Expiration (IFC 105.3.1).
- 43 30.53A.210 Extensions (IFC 105.3.2).
- 44 30.53A.212 Occupancy prohibited before approval (IFC 105.3.3).
- 45 30.53A.214 Conditional permits/temporary certificate of occupancy (IFC 105.3.4).
- 46

- 1 30.53A.216 Posting the permit (IFC 105.3.5).
- 2 30.53A.218 Compliance with code (IFC 105.3.6).
- 3 30.53A.220 Information on the permit (IFC 105.3.7).
- 4 30.53A.222 Construction document submittals (IFC 105.4.1).
- 5 30.53A.224 Information on construction documents (IFC 105.4.2).
- 6 30.53A.226 Applicant responsibility (IFC 105.4.3).
- 7 30.53A.228 Approved documents (IFC 105.4.4).
- 8 30.53A.230 Corrected documents (IFC 105.4.5).
- 9 30.53A.232 Retention of construction documents (IFC 105.4.6).
- 10 30.53A.234 Revocation (IFC 105.5).
- 11 30.53A.236 Required operational permits (IFC 105.6).
- 12 30.53A.238 Aerosol products (IFC 105.6.1).
- 13 30.53A.240 Amusement buildings (IFC 105.6.2).
- 14 30.53A.242 Aviation facilities (IFC 105.6.3).
- 15 30.53A.244 Carnivals and fairs (105.6.4).
- 16 30.53A.246 Cellulose nitrate film (IFC 105.6.5).
- 17 30.53A.248 Combustible dust-producing operations (IFC 105.6.6).
- 18 30.53A.240 Combustible fibers (IFC 105.6.7).
- 19 30.53A.252 Compressed gases (IFC 105.6.8).
- 20 30.53A.256 Covered mall buildings (IFC 105.6.9).
- 21 30.53A.258 Cryogenic fluids (IFC 105.6.10).
- 22 30.53A.260 Cutting and welding (IFC 105.6.11).
- 23 30.53A.262 Dry cleaning plants (IFC 105.6.12).
- 24 30.53A.264 Exhibits and trade shows (IFC 105.6.13).
- 25 30.53A.266 Explosives (IFC 105.6.14).
- 26 30.53A.268 Fire hydrants and valves (IFC 105.6.15).
- 27 30.53A.270 Flammable and combustible liquids (IFC 105.6.16).
- 28 30.53A.272 Floor finishing (IFC 105.6.17).
- 29 30.53A.274 Fruit and crop ripening (IFC 105.6.18).
- 30 30.53A.276 Fumigation and thermal insecticidal fogging (IFC 105.6.19).
- 31 30.53A.278 Hazardous materials (IFC 105.6.20).
- 32 30.53A.280 Hazardous production materials facilities (IFC 105.6.21).
- 33 30.53A.282 High-piled storage (IFC 105.6.22).
- 34 30.53A.284 Hot work operations (IFC 105.6.23).
- 35 30.53A.286 Industrial ovens (IFC 105.6.24).
- 36 30.53A.288 Lumber yards and woodworking plants (IFC 105.6.25).
- 37 30.53A.290 Liquid- or gas-fueled vehicles or equipment in assembly buildings (IFC
- 38 105.6.26).
- 39 30.53A.292 Liquid petroleum - gas (IFC 105.6.27).
- 40 30.53A.294 Magnesium (IFC 105.6.28).
- 41 30.53A.296 Miscellaneous combustible storage (IFC 205.6.29).
- 42 30.53A.298 Open burning (105.6.29).
- 43 30.53A.300 Open flames and torches (IFC 105.6.31).
- 44 30.53A.302 Open flames and candles (IFC 105.6.32).
- 45 30.53A.304 Organic coatings (IFC 105.6.33).
- 46



- 1 30.53A.306 Places of assembly (IFC 105.6.34).
- 2 30.53A.308 Private fire hydrants (IFC 105.6.35).
- 3 30.53A.310 Pyrotechnic special effects material (IFC 105.6.36).
- 4 30.53A.312 Pyroxylin plastics (IFC 105.6.37).
- 5 30.53A.314 Refrigeration equipment (105.6.38).
- 6 30.53A.316 Repair garages and motor fuel-dispensing facilities (IFC 105.6.39).
- 7 30.53A.318 Rooftop heliports (IFC 105.6.40).
- 8 30.53A.320 Spraying or dipping (IFC 105.6.41).
- 9 30.53A.322 Storage of scrap tires and tire byproducts (IFC 105.6.42).
- 10 30.53A.324 Temporary membrane structures, tents and canopies (IFC 105.6.43).
- 11 30.53A.326 Tire-rebuilding plants (IFC 105.6.44).
- 12 30.53A.328 Waste handling (IFC 105.6.45).
- 13 30.53A.330 Wood products (IFC 105.6.46).
- 14 30.53A.332 Required construction permits (IFC 105.7).
- 15 30.53A.334 Automatic fire-extinguishing systems (IFC 105.7.1).
- 16 30.53A.336 Battery systems (IFC 105.7.2).
- 17 30.53A.338 Compressed gases (IFC 105.7.3).
- 18 30.53A.340 Fire alarm and detection systems and related equipment (IFC 105.7.4).
- 19 30.53A.342 Fire pumps and related equipment (IFC 105.7.5).
- 20 30.53A.344 Flammable and combustible liquids (IFC 105.7.6).
- 21 30.53A.346 Hazardous materials (IFC 105.7.7).
- 22 30.53A.348 Industrial ovens (IFC 105.7.8).
- 23 30.53A.350 Liquid petroleum gas systems (IFC 105.7.9).
- 24 30.53A.352 Private fire hydrants (IFC 105.7.10).
- 25 30.53A.354 Spraying or dipping (IFC 105.7.11).
- 26 30.53A.356 Standpipe systems (IFC 105.7.12).
- 27 30.53A.358 Temporary membrane structures, tents and canopies (IFC 105.7.13).
- 28 30.53A.360 Inspection authority (IFC 106.1).
- 29 30.53A.362 Inspections (IFC 106.2).
- 30 30.53A.364 Concealed work (IFC 106.3).
- 31 30.53A.366 Approvals (IFC 106.4).
- 32 30.53A.368 Maintenance of safeguards (IFC 107.1).
- 33 30.53A.370 Testing and operation (IFC 107.2).
- 34 30.53A.372 Test and inspection records (IFC 107.2.1).
- 35 30.53A.374 Re-inspection and testing (IFC 107.2.2).
- 36 30.53A.376 Supervision (IFC 107.3).
- 37 30.53A.378 Rendering equipment inoperable (IFC 107.4).
- 38 30.53A.380 Maintenance responsibilities (IFC 107.5).
- 39 30.53A.382 Overcrowding (IFC 107.6).
- 40 30.53A.388 Unlawful acts and violations (IFC 109.1).
- 41 30.53A.390 Voluntary notice of correction letter and notice and order of violation (IFC
- 42 109.2).
- 43 30.53A.392 Service (IFC 109.2.1).
- 44 30.53A.394 Compliance with voluntary correction notice letter and notice and order (IFC
- 45 109.2.2).
- 46

RELATING TO FIRE PREVENTION AND SAFETY; ADOPTING THE 2006 EDITION OF THE INTERNATIONAL FIRE CODE AS REVISED; AND REPEALING, AMENDING AND ADDING SECTIONS IN TITLE 30 SCC

1 30.53A.396 Prosecution of violations (IFC 109.2.3).  
2 30.53A.398 Unauthorized tampering (IFC 109.2.4).  
3 30.53A.400 Violation penalties (IFC 109.3).  
4 30.53A.402 Abatement of violation (IFC 109.3.1).  
5 30.53A.404 Unsafe building – general (IFC 110.1).  
6 30.53A.406 Unsafe buildings – unsafe conditions (IFC 110.1.1).  
7 30.53A.408 Unsafe buildings – structural hazards (IFC 110.1.2).  
8 30.53A.410 Unsafe buildings – evacuation (IFC 110.2).  
9 30.53A.412 Unsafe buildings – summary abatement (IFC 100.3).  
10 30.53A.414 Unsafe buildings – abatement (IFC 110.4).  
11 30.53A.416 Stop work order (IFC 111.1).  
12 30.53A.418 Issuance of stop work order (IFC 111.2).  
13 30.53A.420 Emergency order (IFC 111.3).  
14 30.53A.422 Failure to comply with stop work or emergency order (IFC 111.4).

## 15 16 **PARTS 500 - 600 ADDITIONS AND AMENDMENTS TO THE IFC**

17  
18 30.53A.500 Section 202 Definitions – amended.  
19 30.53A.502 Open burning– amended (IFC 307.1.1).  
20 30.53A.504 Open burning – amended (IFC 307.1.1).  
21 30.53A.506 Group A occupancies – amended (IFC 308.3.7).  
22 30.53A.508 Excessive false alarms – added (IFC 401.3.4).  
23 30.53A.510 Definitions – amended (IFC 502).  
24 30.53A.512 Fire apparatus access roads – replaced (IFC 503).  
25 30.53A.514 Fire protection water supply - replaced (IFC 508.1).  
26 30.53A.515 Type of water supply – deleted (IFC 508.2).  
27 30.53A.516 Fire hydrant spacing – added (IFC C105 of Appendix C).  
28 30.53A.518 Hydrant systems – where required – amended (IFC 508.5.1).  
29 30.53A.520 Inspection, testing and maintenance requirements – replaced.  
30 30.53A.522 Water main specifications – added (IFC 508.5.3).  
31 30.53A.524 Definitions – amended (IFC 602).  
32 30.53A.526 Restricted occupancies – amended (IFC 806.1.1).  
33 30.53A.528 General requirements for decorative materials – amended (IFC 807.1).  
34 30.53A.530 Fire watch – amended (IFC 1404.5).  
35 30.53A.532 General safety precautions – amended (IFC 2703.9).  
36 30.53A.534 General safety precautions – amended (IFC 2703.9.10).  
37 30.53A.536 Permit required – deleted (IFC 3301.2)

## 38 39 **PART 700 FIREWORKS ADMINISTRATION**

40  
41 30.53A.700 Fireworks – administration and enforcement.  
42 30.53A.702 Permit required.  
43 30.53A.704 Fireworks permit – application.  
44 30.53A.706 Fireworks permit – grant or deny.  
45 30.53A.710 Retailers of fireworks – sales locations.  
46

1 30.53A.712 Retailers of fireworks.  
2 30.53A.714 Retailer of fireworks – signage, closure, and extinguishers.  
3 30.53A.716 Unsold retail stocks of fireworks.  
4 30.53A.718 Public display – general.  
5 30.53A.720 Public display – disposal of unfired fireworks.  
6 30.53A.722 Common fireworks – retail sale or discharge.  
7

8 **PART 000 GENERAL**  
9

10 **30.53A.010 International Fire Code (IFC) 2006 edition - adopted.**  
11

12 The 2006 edition of the International Fire Code published by the International Code  
13 Council, as amended by the Washington State Building Code Council in chapter 19.27  
14 RCW is adopted except chapter 1 and section 903 of the IFC and as otherwise  
15 expressly amended by this chapter, and is incorporated and made a part of this chapter  
16 by reference.  
17

18 **PARTS 100 – 400 - ADMINISTRATION**  
19

20 **30.53A.100 Title (IFC 101.1).**  
21

22 These regulations shall be known as the Fire Code of Snohomish County, and will be  
23 referred to as "the fire code."  
24

25 **30.53A.102 Scope (IFC 101.2).**  
26

27 The fire code establishes regulations affecting or relating to structures, processes,  
28 premises and safeguards regarding:  
29

30 (1) The hazard of fire and explosion arising from the storage, handling or use of  
31 structures, materials or devices.

32 (2) Conditions hazardous to life, property or public welfare in the occupancy of  
33 structures or premises.

34 (3) Fire hazards in the structure or on the premises from occupancy or operation.

35 (4) Matters related to the construction, extension, repair, alteration or removal of fire  
36 suppression or alarm systems.  
37

38 **30.53A.104 Appendices (IFC 101.2.1).**  
39

40 Appendices B and C of the IFC are adopted and incorporated and made a part of this  
41 chapter by reference.  
42

43 **30.53A.106 Intent (IFC 101.3).**  
44

45 The purpose of the fire code is to establish the minimum requirements consistent with  
46

1 nationally recognized good practice for providing a reasonable level of life safety and  
2 property protection from the hazards of fire, explosion or dangerous conditions in new  
3 and existing buildings, structures and premises and to provide safety to fire fighters and  
4 emergency responders during emergency operations.

5  
6 **30.53A.112 Applicability of construction and design provisions (IFC 102.1).**

7  
8 The construction and design provisions of the fire code shall apply to:

- 9  
10 (1) Structures, facilities and conditions arising after the adoption of the fire code.  
11 (2) Existing structures, facilities and conditions not legally in existence at the time of  
12 adoption of the fire code.  
13 (3) Existing structures, facilities and conditions when identified in specific sections of  
14 the fire code.  
15 (4) Existing structures, facilities and conditions which, in the opinion of the fire  
16 marshal, constitute a distinct hazard to life or property.

17  
18 **30.53A.114 Administrative, operational and maintenance provisions (IFC 102.2).**

19  
20 The administrative, operational and maintenance provisions of the fire code shall apply  
21 to:

- 22  
23 (1) Conditions and operations arising after the adoption of the fire code.  
24 (2) Existing conditions and operations.

25  
26 **30.53A.116 Change of use or occupancy (IFC 102.3).**

27  
28 No change shall be made in the use or occupancy of any structure that would place the  
29 structure in a different division of the same group or occupancy or in a different group of  
30 occupancies, unless such structure is made to comply with the requirements of the fire  
31 code and the building code. Subject to the approval of the fire marshal, the use or  
32 occupancy of an existing structure shall be allowed to be changed and the structure is  
33 allowed to be occupied for purposes in other groups without conforming to all the  
34 requirements of the fire code and the building code for those groups, provided the new  
35 or proposed use is less hazardous, based on life and fire risk, than the existing use.

36  
37 **30.53A.118 Application of building code (IFC 102.4).**

38  
39 The design and construction of new structures shall comply with the building code, and  
40 any alterations, additions, changes in use or changes in structures required by the fire  
41 code, which are within the scope of the building code, shall be made in accordance with  
42 the building code.

1     **30.53A.120 Historic buildings (IFC 102.5).**

2  
3     The provisions of the fire code relating to the construction, alteration, repair,  
4     enlargement, restoration, relocation or moving of buildings or structures shall not be  
5     mandatory for existing buildings or structures identified and classified by the state or  
6     Snohomish County as historic buildings when such buildings or structures do not  
7     constitute a distinct hazard to life or property. Fire protection in designated historic  
8     buildings and structures shall be provided in accordance with an approved fire  
9     protection plan.

10  
11    **30.53A.122 Referenced codes and standards (IFC 102.6).**

12  
13    The codes and standards referenced in the fire code shall be those that are listed in  
14    chapter 45 of the IFC. Such codes and standards shall be considered part of the  
15    requirements of the fire code to the prescribed extent of each such reference as  
16    determined by the fire marshal. Where differences occur between the provisions of the  
17    fire code and the referenced standards, the provisions of the fire code shall apply.

18  
19    **30.53A.124 Subjects not regulated by the fire code (IFC 102.7).**

20  
21    Where no applicable standards or requirements are set forth in the fire code, or are  
22    contained within other laws, codes, regulations, ordinances or bylaws adopted by  
23    Snohomish County, compliance with applicable standards of the National Fire  
24    Protection Association (NFPA) or other nationally recognized fire safety standards, as  
25    approved, shall be deemed as prima facie evidence of compliance with the intent of the  
26    fire code. Nothing herein shall derogate from the authority of the fire marshal to  
27    determine compliance with codes or standards for those activities or installations within  
28    the fire marshal's jurisdiction or responsibility.

29  
30    **30.53A.126 Matters not provided for (IFC 102.8).**

31  
32    Requirements that are essential for the public safety of an existing or proposed activity,  
33    building or structure, or for the safety of the occupants thereof, which are not specifically  
34    provided for by the fire code shall be determined by the fire marshal.

35  
36    **30.53A.128 Conflicting provisions (IFC 102.9).**

37  
38    Where there is a conflict between a general requirement and a specific requirement, the  
39    specific requirement shall apply.

40  
41    **30.53A.130 Office of the fire marshal – general (IFC 103.1).**

42    The Office of the Fire Marshal is established within the department. The function of the  
43    office shall be the implementation, administration and enforcement of the provisions of  
44    the fire code as follows:

1 (1) The Office of the Fire Marshal is established in the department under the director's  
2 direction. The fire marshal shall be expressly employed for that position. As used in the  
3 IFC, the term "fire code official" means the Snohomish County Fire Marshal. The duties  
4 and responsibilities of the fire marshal shall not be a secondary duty assignment nor  
5 shall the fire marshal assume duties except those normally accepted as pertaining to  
6 fire prevention, investigation, and suppression.

7 (2) The fire commissioners and fire chiefs of the various fire districts in Snohomish  
8 County shall advise the director in the selection of a fire marshal and in the selection of  
9 inspectors in order that properly qualified persons may be selected.

10 (3) The fire marshal shall have no control, expressed or implied, over the operation,  
11 functioning, expenditures, tactics, personnel, equipment or any other function of a fire  
12 department or fire district, except in performance of duties connected with fire code  
13 enforcement, or unless specifically requested by the proper district authority.

14 (4) The fire marshal shall assist and cooperate with such officers and agencies as:  
15 state fire marshal, private insurance companies, authorized police, state and federal  
16 agencies. The fire marshal is authorized to visit, or otherwise contact such agencies as:  
17 Association of Washington Cities, National Fire Protection Association, Washington  
18 Surveying and Rating Bureau, and other like associations and organizations  
19 representing fire interests.

20  
21 **30.53A.132 Appointment (IFC 103.2).**  
22

23 The fire marshal shall be appointed by the director, pursuant to chapter 2.01 SCC.

24 **30.53A.134 Personnel and police (IFC 103.2.1).**

25 (1) The Snohomish County Fire Marshal and members of the Office of the Fire  
26 Marshal designated by the fire marshal shall have the powers of a limited authority  
27 Washington peace officer as defined in chapter 10.93 RCW.

28 (2) The Snohomish County Sheriff may be petitioned to commission the Snohomish  
29 County Fire Marshal and members of the office of the fire marshal recommended by the  
30 fire marshal as specially commissioned Washington peace officers, as defined in  
31 chapter 10.93 RCW, upon satisfaction of the training and other requirements prescribed  
32 or approved by the Washington Criminal Justice Training Commission, for purposes of  
33 administering and enforcing the uniform fire code and this chapter.

34 (3) The Snohomish County Sheriff may assign such available deputy sheriffs as he or  
35 she deems necessary to assist the fire marshal in administering and enforcing the fire  
36 code.

37 **30.53A.136 Deputies (IFC 103.3).**  
38

39 In accordance with Snohomish County procedures and with the concurrence of the  
40 director, the fire marshal shall have the authority to appoint a deputy fire marshal, other  
41 related technical officers, inspectors and other employees.  
42  
43

1     **30.53A.138 Liability and legal defense (IFC 103.4 and 103.4.1).**

2  
3     The liability of employees and officials while performing their official duties under the  
4     fire code is governed by SCC 2.90.085.

5  
6     **30.53A.142 Authority and responsibilities – general (IFC 104.1).**

7  
8     The fire marshal is hereby authorized to enforce the provisions of the fire code and shall  
9     have the authority to render interpretations of the fire code, and to adopt policies, pro-  
10    cedures, rules and regulations in order to clarify the application of its provisions. Such  
11    interpretations, policies, procedures, rules and regulations shall be in compliance with  
12    the intent and purpose of the fire code and shall not have the effect of waiving  
13    requirements specifically provided for in the fire code.

14  
15    **30.53A.144 Applications and permits (IFC 104.2).**

16  
17    (1) The fire marshal is authorized to receive applications, review construction docu-  
18    ments and issue permits for construction regulated by the fire code, issue permits for  
19    operations regulated by the fire code, inspect the premises for which such permits have  
20    been issued and enforce compliance with the provisions of the fire code.

21    (2) Whenever the director determines, upon recommendation of the fire marshal, that  
22    a condition exists in violation of this chapter, or any code or standard required to be  
23    adhered to by this chapter, the director is authorized to enforce the provisions of this  
24    chapter, or codes or standards, pertaining to such condition existing in violation thereof,  
25    pursuant to chapters 30.53A and 30.85 SCC.

26    **30.53A.146 Investigations (IFC 104.2.1).**

27    The office of the fire marshal is authorized to investigate the cause, origin, and  
28    circumstances of any fire occurring in the jurisdiction involving loss of life or injury to  
29    person or destruction or damage to property and, if it appears that such fire is of  
30    suspicious origin, is authorized to take immediate charge of all physical evidence  
31    relating to the cause of the fire and is authorized to pursue the investigation to its  
32    conclusion.

33    **30.53A.148 Right of entry (IFC 104.3).**

34  
35    Pursuant to SCC 30.85.030, whenever it is necessary to make an inspection to enforce  
36    the provisions of the fire code, or whenever the fire marshal has reasonable cause to  
37    believe that there exists in a building or upon any premises any conditions or violations  
38    of the fire code which make the building or premises unsafe, dangerous or hazardous,  
39    the fire marshal shall have the authority to enter the building or premises at all  
40    reasonable times to inspect or to perform the duties imposed upon the fire marshal by  
41    the fire code. If such building or premises is occupied, the fire marshal shall present  
42    credentials to the occupant and request entry. If such building or premises is

1 unoccupied, the fire marshal shall first make a reasonable effort to locate the owner or  
2 other person having charge or control of the building or premises and request entry. If  
3 entry is refused, the fire marshal has recourse to every remedy provided by law to  
4 secure entry.

5  
6 **30.53A.150 Warrant (IFC 104.3.1).**  
7

8 When the fire marshal has first obtained a proper inspection warrant or other remedy  
9 provided by law to secure entry, an owner or occupant or person having charge, care or  
10 control of the building or premises shall not fail or neglect, after proper request is made  
11 as herein provided, to permit entry therein by the fire marshal for the purpose of  
12 inspection and examination pursuant to the fire code.

13  
14 **30.53A.152 Identification (IFC 104.4).**  
15

16 The fire marshal shall carry proper identification when inspecting structures or  
17 premises in the performance of duties under the fire code.

18  
19 **30.53A.154 Correction notices and notice and orders (IFC 104.5).**  
20

21 The fire marshal may issue voluntary correction notice letters and notices and orders of  
22 violations. The fire marshal may coordinate with PDS code enforcement staff to issue  
23 such notices required to affect compliance with the fire code in accordance with SCC  
24 30.53A.388 and 30.53A.390.

25  
26 **30.53A.156 Official records (IFC 104.6).**  
27

28 The fire marshal shall keep official records as required by SCC 30.53A.158 through  
29 30.53A.164. Such official records shall be retained for not less than five years or for as  
30 long as the structure or activity to which such records relate remains in existence,  
31 unless otherwise provided by other regulations.

32  
33 **30.53A.158 Approvals (IFC 104.6.1).**  
34

35 A record of approvals shall be maintained by the fire marshal and shall be available for  
36 public inspection during business hours in accordance with applicable laws.

37  
38 **30.53A.160 Inspections (IFC 104.6.2).**  
39

40 The fire marshal shall keep a record of each inspection made, including notices and  
41 orders issued, showing the findings and disposition of each.

42  
43 **30.53A.162 Fire records (IFC 104.6.3).**  
44

45 The fire marshal shall keep a record of fires occurring within the county's jurisdiction



1 and of facts concerning the same, including statistics as to the extent of such fires and  
2 the damage caused thereby, together with other information as required by the fire  
3 marshal.

4  
5 **30.53A.164 Administrative decisions (IFC 104.6.4).**  
6

7 Application for modification, alternative methods or materials and the final decision of  
8 the fire marshal shall be in writing and shall be officially recorded in the permanent  
9 records of the fire marshal.

10  
11 **30.53A.166 Approved materials and equipment (IFC 104.7).**  
12

13 All materials, equipment and devices approved by the fire marshal shall be constructed  
14 and installed in accordance with such approval.

15  
16 **30.53A.168 Material and equipment reuse (IFC 104.7.1).**  
17

18 Materials, equipment and devices shall not be reused or reinstalled unless such  
19 elements have been reconditioned, tested, and placed in good and proper working  
20 condition and approved.

21  
22 **30.53A.170 Technical assistance (IFC 104.7.2).**  
23

24 To determine the acceptability of technologies, processes, products, facilities,  
25 materials and uses attending the design, operation or use of a building or premises  
26 subject to inspection by the fire marshal, the fire marshal is authorized to require the  
27 owner or agent to provide, without charge to Snohomish County, a technical opinion  
28 and report. The opinion and report shall be prepared by a qualified engineer, specialist,  
29 and laboratory or fire safety specialty organization acceptable to the fire marshal and  
30 shall analyze the fire safety properties of the design, operation or use of the building or  
31 premises and the facilities and appurtenances situated thereon, to recommend neces-  
32 sary changes. The fire marshal is authorized to require design submittals to be  
33 prepared by, and bear the stamp of, a registered design professional.

34  
35 **30.53A.172 Modifications (IFC 104.8)**  
36

37 Whenever there are practical difficulties involved in carrying out the provisions of the  
38 fire code, the fire marshal shall have the authority to grant modifications for individual  
39 cases, provided the fire marshal shall first find that special individual reason makes the  
40 strict letter of the fire code impractical and the modification is in compliance with the  
41 intent and purpose of the fire code and that such modification does not lessen health,  
42 life and fire safety requirements. The details of action granting modifications shall be  
43 recorded and entered in the files of the fire marshal.

1 **30.53A.174 Alternative materials and methods (IFC 104.9).**

2  
3 The provisions of the fire code are not intended to prevent the installation of any  
4 material or to prohibit any method of construction not specifically prescribed by the fire  
5 code, provided that any such alternative has been approved. The fire marshal is  
6 authorized to approve an alternative material or method of construction where the fire  
7 marshal finds that the proposed design is satisfactory and complies with the intent of  
8 the provisions of the fire code, and that the material, method or work offered is, for the  
9 purpose intended, at least the equivalent of that prescribed in the fire code in quality,  
10 strength, effectiveness, fire resistance, durability and safety.

11  
12 **30.53A.176 Fire investigations (IFC 104.10).**

13  
14 The fire marshal, the fire department or other responsible authority shall have the  
15 authority to investigate the cause, origin and circumstances of any fire, explosion or  
16 other hazardous condition in their jurisdiction. The fire marshal may investigate in  
17 unincorporated Snohomish County or in other jurisdictions as authorized in interlocal  
18 agreements. Information that could be related to trade secrets or processes shall not  
19 be made part of the public record except as directed by a court of law.

20  
21 **30.53A.178 Assistance from other agencies (IFC 104.10.1).**

22  
23 Police and other enforcement agencies shall have authority to render necessary  
24 assistance in the investigation of fires or the enforcement of the fire code as requested  
25 by the fire marshal.

26  
27 **30.53A.180 Authority at fires and other emergencies (IFC 104.11).**

28  
29 The fire chief or officer of the fire department in charge at the scene of a fire or other  
30 emergency involving the protection of life or property or any part thereof, shall  
31 have the authority to direct such operation as necessary to extinguish or control any fire,  
32 perform any rescue operation, investigate the existence of suspected or reported fires,  
33 gas leaks or other hazardous conditions or situations, or take any other action  
34 necessary in the reasonable performance of duty. In the exercise of such power, the fire  
35 chief is authorized to prohibit any person, vehicle, vessel or thing from approaching the  
36 scene and is authorized to remove, or cause to be removed or kept away from the  
37 scene, any vehicle, vessel or thing which could impede or interfere with the operations  
38 of the fire department and, in the judgment of the fire chief, any person not actually and  
39 usefully employed in the extinguishing of such fire or in the preservation of property in  
40 the vicinity.

41  
42 **30.53A.182 Barricades (IFC 104.11.1).**

43  
44 The fire chief or officer of the fire department in charge at the scene of an emergency is  
45 authorized to place ropes, guards, barricades or other obstructions across any street,

1 alley, place or private property in the vicinity of such operation so as to prevent  
2 accidents or interference with the lawful efforts of the fire department to manage and  
3 control the situation and to handle fire apparatus.

4  
5 **30.53A.184 Obstructing operations (IFC 104.11.2).**

6  
7 No person shall obstruct the operations of a fire department in connection with  
8 extinguishment, control or investigation of any fire, or actions relative to other  
9 emergencies, or disobey any lawful command of the fire chief or officer of the fire  
10 department in charge of the emergency, or any part thereof, or any lawful order of a  
11 police officer assisting the fire department.

12  
13 **30.53A.186 Systems and devices (IFC 104.11.3).**

14  
15 No person shall render a system or device inoperative during an emergency unless by  
16 direction of the fire chief or fire department official in charge of the incident.

17  
18 **30.53A.188 Permits – general (IFC 105.1).**

19  
20 Permits shall be in accordance with SCC 30.53A.190 through 30.53A.358.

21  
22 **30.53A.190 Permits and fees required (IFC 105.1.1).**

23  
24 (1) Permits required by the fire code may be obtained from the fire marshal. Permit  
25 fees, if any, shall be paid prior to issuance of the permit. Issued permits shall be kept on  
26 the premises designated therein at all times and shall be readily available for inspection  
27 by the fire marshal.

28 (2) When a plan or other data is required to be submitted by this chapter or chapter  
29 30.52A SCC for fire extinguishing systems, alarm systems, ventilation systems,  
30 underground tanks, and liquefied petroleum tanks, a plan review fee and a permit fee  
31 shall be paid prior to permit issuance. The fees shall be in accordance with the  
32 schedule of fees in chapter 30.86 SCC.

33  
34 **30.53A.192 Types of permits (IFC 105.1.2).**

35  
36 There shall be four types of permits:

37  
38 (1) Operational permit. An operational permit allows the applicant to conduct an  
39 operation or a business for which a permit is required for either:

40 (a) A prescribed period.

41 (b) Until renewed or revoked.

42 (2) Construction permit. A construction permit allows the applicant to install or modify  
43 systems and equipment for which a permit is required by SCC 30.53A.332 through  
44 30.53A.358.

45 (3) Fireworks permit. Fireworks permits shall be required and appealed as provided  
46

1 for in SCC 30.53A.702.

2 (4) Special event permits. Special event permits are issued by the fire marshal's  
3 office for special events involving 50 or more people or temporary event tents.

4  
5 **30.53A.194 Permits for the same location (IFC 105.1.3).**

6  
7 When more than one permit is required for the same location, the fire marshal is  
8 authorized to consolidate such permits into a single permit provided that each activity  
9 requiring a permit is listed in the permit.

10  
11 **30.53A.196 Application (IFC 105.2).**

12  
13 Application for a permit required by the fire code shall be made to the fire marshal in  
14 such form and detail as prescribed by the fire marshal. Applications for permits shall be  
15 accompanied by such plans as prescribed by the fire marshal.

16  
17 **30.53A.198 Refusal to issue permit (IFC 105.2.1).**

18  
19 If the application for a permit describes a use that does not conform to the requirements  
20 of the fire code and other applicable laws and ordinances, the fire marshal shall not  
21 issue a permit, but shall return the application to the applicant with the refusal to issue  
22 such permit. Such refusal shall, when requested by the applicant, be in writing and shall  
23 contain the reasons for refusal.

24  
25 **30.53A.200 Inspection authorized (IFC 105.2.2).**

26  
27 Before a new operational permit is approved, the fire marshal is authorized to inspect  
28 the receptacles, vehicles, buildings, devices, premises, storage spaces or areas to be  
29 used to determine compliance with the fire code or any operational constraints required.

30  
31 **30.53A.202 Time limitation of application (IFC 105.2.3).**

32  
33 An application for a permit for any proposed work shall be deemed to have been  
34 abandoned 6 months after the date of filing, unless such application has been pursued  
35 in good faith or a permit has been issued; except that the fire marshal is authorized to  
36 grant one extension of time for an additional period not to exceed 90 days each if there  
37 is reasonable cause. The extension shall be requested in writing and justifiable cause  
38 demonstrated.

39  
40 **30.53A.204 Action on application (IFC 105.2.4).**

41  
42 The fire marshal shall examine or cause to be examined applications for permits and  
43 amendments thereto within a reasonable time after filing. If the application or the  
44 construction documents do not conform to the requirements of applicable laws, the fire  
45 marshal shall reject such application in writing, stating the reasons therefore. If the fire

1 marshal is satisfied that the proposed work or operation conforms to the requirements of  
2 the fire code and laws and ordinances applicable thereto, the fire marshal shall issue a  
3 permit therefore as soon as practicable.  
4

5 **30.53A.206 Conditions of a permit (IFC 105.3).**  
6

7 A permit shall constitute permission to maintain, store or handle materials; or to conduct  
8 processes which produce conditions hazardous to life or property; or to install  
9 equipment utilized in connection with such activities; or to install or modify any fire  
10 protection system or equipment or any other construction, equipment installation or  
11 modification in accordance with the provisions of the fire code where a permit is  
12 required by SCC 30.53A.236 or 30.53A.332. Such permission shall not be construed as  
13 authority to violate, cancel or set aside any of the provisions of the fire code or other  
14 applicable regulations or laws.  
15

16 **30.53A.208 Expiration (IFC 105.3.1).**  
17

18 An operational, special events or fireworks permit shall remain in effect until reissued,  
19 renewed, or revoked or for such a period of time as specified in the permit. Construction  
20 permits shall be obtained as required by this chapter. Before work under an expired or  
21 revoked permit recommences, a new permit shall be first obtained and the fee to  
22 recommence work, if any, shall be one-half the amount required for a new permit for  
23 such work, provided no changes have been made or will be made in the original con-  
24 struction documents for such work, and provided further that such suspension or  
25 abandonment has not exceeded one year. Permits are not transferable and any change  
26 in occupancy, operation, tenancy or ownership shall require that a new permit be  
27 issued.  
28

29 **30.53A.210 Extensions (IFC 105.3.2).**  
30

31 A permittee holding an unexpired permit shall have the right to apply for an extension of  
32 the time within which the permittee will commence work under that permit when work is  
33 unable to be commenced within the time required by this section for good and  
34 satisfactory reasons. The fire marshal is authorized to grant, in writing, one or more  
35 extensions of the time period of a permit for periods of not more than 90 days each.  
36 Such extensions shall be requested by the permit holder in writing and justifiable cause  
37 demonstrated.  
38

39 **30.53A.212 Occupancy prohibited before approval (IFC 105.3.3).**  
40

41 A building or structure shall not be occupied prior to the fire marshal issuing a permit  
42 that indicates that applicable provisions of the fire code have been met.  
43  
44  
45  
46

1     **30.53A.214 Conditional permits/temporary certificate of occupancy (IFC 105.3.4).**

2  
3     Where permits are required and upon the request of a permit applicant, the fire marshal  
4     is authorized to issue a conditional permit or temporary certificate of occupancy to  
5     occupy the premises or portion thereof before the entire work or operations on the  
6     premises is completed, provided that such portion or portions will be occupied safely  
7     prior to full completion or installation of equipment and operations without endangering  
8     life or public welfare. The fire marshal shall notify the permit applicant in writing of any  
9     limitations or restrictions necessary to keep the permit area safe. The holder of a  
10    conditional permit shall proceed only to the point for which approval has been given, at  
11    the permit holder's own risk and without assurance that approval for the occupancy or  
12    the utilization of the entire premises, equipment or operations will be granted.

13  
14    **30.53A.216 Posting the permit (IFC 105.3.5).**

15  
16    Permits issued pursuant to the fire code shall be kept on the premises designated at all  
17    times and shall be readily available for inspection by the fire marshal.

18  
19    **30.53A.218 Compliance with code (IFC 105.3.6).**

20  
21    The issuance or granting of a permit shall not be construed to be a permit for, or an  
22    approval of, any violation of any of the provisions of the fire code or of any other SCC  
23    provision. Permits presuming to give authority to violate or cancel any SCC provision  
24    shall not be valid. The issuance of a permit based on construction documents and other  
25    data shall not prevent the fire marshal from requiring the correction of errors in the  
26    construction documents and other data. Any addition to or alteration of approved  
27    construction documents shall be approved in advance by the fire marshal, as evidenced  
28    by the issuance of a new or amended permit.

29  
30    **30.53A.220 Information on the permit (IFC 105.3.7).**

31  
32    The fire marshal shall issue all permits required by the fire code on an approved form  
33    furnished for that purpose. The permit shall contain a general description of the  
34    operation or occupancy and its location and any other information required by the fire  
35    marshal. Issued permits shall bear the signature of the fire marshal or his designee.

36  
37    **30.53A.222 Construction document submittals (IFC 105.4.1).**

38  
39    Construction documents shall be submitted in one or more sets and in such form and  
40    detail as required by the fire marshal. The construction documents shall be prepared by  
41    a registered design professional where required by the statutes of the jurisdiction in  
42    which the project is to be constructed.

1 **30.53A.224 Information on construction documents (IFC 105.4.2).**

2  
3 Construction documents shall be drawn to scale upon suitable material. Electronic  
4 media documents are allowed to be submitted when approved by the fire marshal. Con-  
5 struction documents shall be of sufficient clarity to indicate the location, nature and  
6 extent of the work proposed and show in detail that it will conform to the provisions of  
7 the fire code and relevant laws, ordinances, rules and regulations.  
8

9 **30.53A.226 Applicant responsibility (IFC 105.4.3).**

10  
11 It shall be the responsibility of the applicant to ensure that the construction documents  
12 include all of the fire protection requirements and the shop drawings are complete and  
13 in compliance with the applicable codes and standards.  
14

15 **30.53A.228 Approved documents (IFC 105.4.4).**

16  
17 Construction documents approved by the fire marshal are approved with the intent that  
18 such construction documents comply in all respects with the fire code. Review and  
19 approval by the fire marshal shall not relieve the applicant of the responsibility of  
20 compliance with the fire code.  
21

22 **30.53A.230 Corrected documents (IFC 105.4.5).**

23  
24 Where field conditions necessitate any substantial change from the approved con-  
25 struction documents, the fire marshal shall have the authority to require the corrected  
26 construction documents to be submitted for approval.  
27

28 **30.53A.232 Retention of construction documents (IFC 105.4.6).**

29  
30 One set of construction documents shall be retained by the fire marshal until final  
31 approval of the work covered therein. One set of approved construction documents shall  
32 be returned to the applicant, and said set shall be kept on the site of the building or work  
33 at all times during which the work authorized thereby is in progress.  
34

35 **30.53A.234 Revocation (IFC 105.5).**

36  
37 The fire marshal is authorized to revoke a permit issued under the provisions of the fire  
38 code and pursuant to SCC 30.71.027 or 30.85.117 when it is found by inspection or  
39 otherwise that there has been a false  
40 statement or misrepresentation as to the material facts in the application or construction  
41 documents on which the permit or approval was based including, but not limited to, any  
42 of the following:

43 (1) The permit is used for a location or establishment other than that for which it was  
44 issued.

45 (2) The permit is used for a condition or activity other than that listed in the permit.  
46

- 1 (3) Conditions and limitations set forth in the permit have been violated.
- 2 (4) There have been false statements or misrepresentations of material fact in the
- 3 permit application or required plans used as a basis for issuing or conditioning the
- 4 permit.
- 5 (5) The permit is used by a different person or firm than the name for which it was
- 6 issued.
- 7 (6) The permittee failed, refused or neglected to comply with orders or notices duly
- 8 served in accordance with the provisions of the fire code within the time provide.
- 9 (7) The permit was issued in error or in violation of an ordinance, regulation or the
- 10 fire code.

11

12 **30.53A.236 Required operational permits (IFC 105.6).**

13

14 The fire marshal is authorized to issue operational permits for the operations set forth in

15 SCC 30.53A.238 through 30.53A.330.

16

17 **30.53A.238 Aerosol products (IFC 105.6.1).**

18

19 An operational permit is required to manufacture, store or handle an aggregate quantity

20 of Level 2 or Level 3 aerosol products in excess of 500 pounds (227 kg) net weight.

21

22 **30.53A.240 Amusement buildings (IFC 105.6.2).**

23

24 An operational permit is required to operate a special amusement building.

25

26 **30.53A.242 Aviation facilities (IFC 105.6.3).**

27

28 An operational permit is required to use a Group H or Group S occupancy for aircraft

29 servicing or repair and aircraft fuel-servicing vehicles. Additional operational permits

30 required by other sections of the fire code include, but are not limited to, hot work,

31 hazardous materials and flammable or combustible finishes.

32 **30.53A.244 Carnivals and fairs (IFC 105.6.4).**

33

34 An operational permit is required to conduct a carnival or fair.

35

36 **30.53A.246 Cellulose nitrate film (IFC 105.6.5).**

37

38 An operational permit is required to store, handle or use cellulose nitrate film in a Group

39 A occupancy.

40

41 **30.53A.248 Combustible dust-producing operations (IFC 105.6.6).**

42

43 An operational permit is required to operate a grain elevator, flour starch mill, feed mill,

44 or a plant pulverizing aluminum, coal, cocoa, magnesium, spices or sugar, or other

45 operations producing combustible dusts as defined in chapter 2 of the IFC.

46



1     **30.53A.250 Combustible fibers (IFC 105.6.7).**

2  
3     An operational permit is required for the storage and handling of combustible fibers in  
4     quantities greater than 100 cubic feet (2.8 m<sup>3</sup>).

5  
6         Exception: A permit is not required for agricultural storage.

7  
8     **30.53A.252 Compressed gases (IFC 105.6.8).**

9  
10    An operational permit is required for the storage, use or handling at normal temperature  
11    and pressure (NTP) of compressed gases in excess of the amounts listed in Table  
12    30.53A.252.

13  
14         Exception: Vehicles equipped for and using compressed gas as a fuel for  
15         propelling the vehicle.

16  
17                                   **TABLE 30.53A.252**  
18    **PERMIT AMOUNTS FOR COMPRESSED GASES TYPE OF GAS TABLE**

TYPE of GAS	AMOUNT
	(cubic feet at NTP)
Corrosive	200
Flammable (except cryogenic fluids and liquefied petroleum gases)	200
Highly toxic	Any Amount
Inert and simple asphyxiant	6,000
Oxidizing	504
Pyrophoric	Any Amount
Toxic	Any Amount

19    For SI: 1 cubic foot = 0.02832 m<sup>3</sup>.

20  
21    **30.53A.256 Covered mall buildings (IFC 105.6.9).**

22  
23    An operational permit is required for:

24  
25         (1) The placement of retail fixtures and displays, concession equipment, displays of  
26         highly combustible goods and similar items in the mall.

27         (2) The display of liquid- or gas-fired equipment in the mall.

28         (3) The use of open-flame or flame-producing equipment in the mall.

29  
30    **30.53A.258 Cryogenic fluids (IFC 105.6.10).**

31  
32    An operational permit is required to produce, store, transport on site, use, handle or  
33    dispense cryogenic fluids in excess of the amounts listed in Table 30.53A.258.

Exception:

Permits are not required for vehicles equipped for and using cryogenic fluids as a fuel for propelling the vehicle or for refrigerating the lading.

TABLE 30.53A.258  
PERMIT AMOUNTS FOR CRYOGENIC FLUIDS

TYPE OF CRYOGENIC FLUID	INSIDE BUILDING (gallons)	OUTSIDE BUILDING (gallons)
Flammable	More than 1	60
Inert	60	500
Oxidizing (includes oxygen)	10	50
Physical or health hazard not indicated above	Any Amount	Any Amount

For SI: 1 gallon = 3.785 L.

**30.53A.260 Cutting and welding (IFC 105.6.11).**

An operational permit is required to conduct cutting or welding operations.

**30.53A.262 Dry cleaning plants (IFC 105.6.12).**

An operational permit is required to engage in the business of dry cleaning or to change to a more hazardous cleaning solvent used in existing dry cleaning equipment.

**30.53A.264 Exhibits and trade shows (IFC 105.6.13).**

An operational permit is required to operate exhibits and trade shows.

**30.53A.266 Explosives (IFC 105.6.14).**

An operational permit is required for the manufacture, storage, handling, sale or use of any quantity of explosives, explosive materials, fireworks or pyrotechnic special effects within the scope of chapter 33 of the IFC.

Exception: Storage in Group R-3 occupancies of smokeless propellant, black powder and small arms primers for personal use, not for resale and in accordance with section 3306 of the IFC.

1     **30.53A.268 Fire hydrants and valves (IFC 105.6.15).**

2  
3     An operational permit is required to use or operate fire hydrants or valves intended for  
4     fire suppression purposes which are installed on water systems and accessible to a fire  
5     apparatus access road that is open to or generally used by the public.

6  
7     Exception: A permit is not required for authorized employees of the water company  
8     that supplies the system or the fire department to use or operate fire hydrants or  
9     valves.

10  
11    **30.53A.270 Flammable and combustible liquids (IFC 105.6.16).**

12  
13    An operational permit is required:

14      (1) To use or operate a pipeline for the transportation within facilities of flammable or  
15      combustible liquids. This requirement shall not apply to the off-site transportation in  
16      pipelines regulated by the Washington State Department of Transportation nor does it  
17      apply to piping systems.

18      (2) To store, handle or use Class I liquids in excess of 5 gallons (19 L) in a building or  
19      in excess of 10 gallons (37.9 L) outside of a building, except that a permit is not required  
20      for the following:

21          (a) The storage or use of Class I liquids in the fuel tank of a motor vehicle,  
22          aircraft, motorboat, mobile power plant or mobile heating plant, unless such storage, in  
23          the opinion of the fire marshal, would cause an unsafe condition.

24          (b) The storage or use of paints, oils, varnishes or similar flammable mixtures  
25          when such liquids are stored for maintenance, painting or similar purposes for a period  
26          of not more than 30 days.

27      (3) To store, handle or use Class II or Class III A liquids in excess of 25 gallons (95  
28      L) in a building or in excess of 60 gallons (227 L) outside a building, except for fuel oil  
29      used in connection with oil-burning equipment.

30      (4) To remove Class I or Class II liquids from an underground storage tank used for  
31      fueling motor vehicles by any means other than the approved, stationary on-site pumps  
32      normally used for dispensing purposes.

33      (5) To operate tank vehicles, equipment, tanks, plants, terminals, wells, fuel-  
34      dispensing stations, refineries, distilleries and similar facilities where flammable and  
35      combustible liquids are produced, processed, transported, stored, dispensed or used.

36      (6) To place temporarily out of service (for more than 90 days) an underground,  
37      protected above-ground or above-ground flammable or combustible liquid tank.

38      (7) To change the type of contents stored in a flammable or combustible liquid tank  
39      to a material which poses a greater hazard than that for which the tank was designed  
40      and constructed.

41      (8) To manufacture, process, blend or refine flammable or combustible liquids.

42      (9) To engage in the dispensing of liquid fuels into the fuel tanks of motor vehicles at  
43      commercial, industrial, governmental or manufacturing establishments.

44      (10) To utilize a site for the dispensing of liquid fuels from tank vehicles into the fuel  
45      tanks of motor vehicles at commercial, industrial, governmental or manufacturing  
46      establishments.

**30.53A.272 Floor finishing (IFC 105.6.17).**

An operational permit is required for floor finishing or surfacing operations exceeding 350 square feet (33 m<sup>2</sup>) using Class I or Class II liquids.

**30.53A.274 Fruit and crop ripening (IFC 105.6.18).**

An operational permit is required to operate a fruit-or crop-ripening facility or conduct a fruit-ripening process using ethylene gas.

**30.53A.276 Fumigation and thermal insecticidal fogging (IFC 105.6.19).**

An operational permit is required to operate a business of fumigation or thermal insecticidal fogging and to maintain a room, vault or chamber in which a toxic or flammable fumigant is used.

**30.53A.278 Hazardous materials (IFC 105.6.20).**

An operational permit is required to store, transport on site, dispense, use or handle hazardous materials in excess of the amounts listed in Table 30.53A.278:

TABLE 30.53A.278 PERMIT AMOUNTS FOR HAZARDOUS MATERIALS	
TYPE OF MATERIAL	AMOUNT
Combustible liquids	See section 105.6.16 IFC
Corrosive materials	
Gases	See section 105.6.8 IFC
Liquids	55 gallons
Solids	1,000 pounds
Explosive materials	See section 105.6.14 IFC
Flammable materials	
Gases	See section 105.6.8 IFC
Liquids	See section 105.6.16 IFC
Solids	100 pounds
Highly toxic materials	
Gases	See section 105.6.8 IFC
Liquids	Any Amount
Solids	Any Amount
Oxidizing materials	
Gases	See section 105.6.8 IFC
Liquids	
Class 4	Any Amount
Class 3	1 gallon <sup>a</sup>
Class 2	10 gallons
Class 1	55 gallons
Solids	
Class 4	Any Amount
Class 3	10 pounds <sup>b</sup>
Class 2	100 pounds
Class 1	500 pounds
Organic peroxides	

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Liquids	
Class I	Any Amount
Class II	Any Amount
Class III	1 gallon
Class IV	2 gallons
Class V	No Permit Required
Solids	
Class I	Any Amount
Class II	Any Amount
Class III	10 pounds
Class IV	20 pounds
Class V	No Permit Required
Pyrophoric materials	
Gases	Any Amount
Liquids	Any Amount
Solids	Any Amount
Toxic materials	
Gases	See section 105.6.8 IFC
Liquids	10 gallons
Solids	100 pounds
Unstable (reactive) materials	
Liquids	
Class 4	Any Amount
Class 3	Any Amount
Class 2	5 gallons
Class I	10 gallons
Solids	
Class 4	Any Amount
Class 3	Any Amount
Class 2	50 pounds
Class I	100 pounds
Water-reactive materials	
Liquids	
Class 3	Any Amount
Class 2	5 gallons
Class I	55 gallons
Solids	
Class 3	Any Amount
Class 2	50 pounds
Class I	500 pounds

For SI: 1 gallon = 3.785 L. 1 pound = 0.454 kg.

(a) 20 gallons when IFC Table 2703.1.1(1) Note k applies and with hazard identification signs in accordance with section 2703.5 IFC for quantities of 20 gallons or less.

(b) 200 pounds when IFC Table 2703.1.1(1) Note k applies and with hazard identification signs in accordance with section 2703.5 of the IFC for quantities of 200 pounds or less.

1     **30.53A.280 Hazardous production materials facilities (IFC 105.6.21).**

2  
3     An operational permit is required to store, handle or use hazardous production  
4     materials.

5  
6     **30.53A.282 High-piled storage (IFC 105.6.22).**

7  
8     An operational permit is required to use a building or portion thereof as a high-piled  
9     storage area exceeding 500 square feet (46 m<sup>2</sup>).

10  
11    **30.53A.284 Hot work operations (IFC 105.6.23).**

- 12  
13    (1) An operational permit is required for hot work including, but not limited to:  
14    (a) Public exhibitions and demonstrations where hot work is conducted.  
15    (b) Use of portable hot work equipment inside a structure. Exception: Work that is  
16    conducted under a construction permit.  
17    (c) Fixed-site hot work equipment such as welding booths.  
18    (d) Hot work conducted within a hazardous fire area.  
19    (e) Application of roof coverings with the use of an open-flame device.  
20    (2) When approved, the fire marshal may issue a permit to carry out a hot work  
21    program. This permit allows the applicant's approved personnel to regulate the facility's  
22    hot work operations. The approved personnel shall only include the applicant's  
23    employees or hot work operations under the applicant's supervision. Approved  
24    personnel shall be trained in the fire safety aspects denoted in this chapter and they  
25    shall be responsible for compliance with the requirements found in chapter 26 of the  
26    IFC.

27  
28    **30.53A.286 Industrial ovens (IFC 105.6.24).**

29  
30    An operational permit is required for operation of industrial ovens regulated by chapter  
31    21 of the IFC.

32  
33    **30.53A.288 Lumber yards and woodworking plants (IFC 105.6.25).**

34  
35    An operational permit is required for the storage or processing of lumber exceeding  
36    100,000 board feet (8,333 ft<sup>3</sup>) (236 m<sup>3</sup>).

37  
38    **30.53A.290 Liquid- or gas-fueled vehicles or equipment in assembly buildings**  
39    **(IFC 105.6.26).**

40  
41    An operational permit is required to display, operate or demonstrate liquid- or gas-fueled  
42    vehicles or equipment in assembly buildings.

43  
44    **30.53A.292 Liquid petroleum- gas (IFC 105-6-27).**

45  
46    An operational permit is required for:

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REVISED; AND REPEALING, AMENDING AND ADDING SECTIONS IN TITLE 30 SCC

(1) Storage and use of LP-gas except a permit is not required for individual containers with a 500-gallon (1,893 L) water capacity or less serving occupancies in Group R-3.

(2) Operation of cargo tankers that transport LP-gas.

**30.53A.294 Magnesium (IFC 105.6.28).**

An operational permit is required to melt, cast, heat treat or grind more than 10 pounds (4.54 kg) of magnesium.

**30.53A.296 Miscellaneous combustible storage (IFC 105.6.29).**

An operational permit is required to store in any building or upon any premises in excess of 2,500 cubic feet (71 m<sup>3</sup>) gross volume of combustible empty packing cases, boxes, barrels or similar containers, rubber tires, rubber, cork or similar combustible material.

**30.53A.298 Open burning (105.6.29).**

An operational permit is required for the kindling or maintaining of an open fire or a fire on any public street, alley, road, or other public or private ground. Open fires are prohibited at county landfill sites.

Exception: Recreational fires.

**30.53A.300 Open flames and torches (IFC 105.6.31).**

An operational permit is required to remove paint with a torch or to use a torch or open-flame device in a hazardous fire area.

**30.53A.302 Open flames and candles (IFC 105.6.32).**

An operational permit is required to use open flames or candles in connection with assembly areas, dining areas of restaurants or drinking establishments.

**30.53A.304 Organic coatings (IFC 105.6.33).**

An operational permit is required for any organic-coating manufacturing operation producing more than 1 gallon (4 L) of an organic coating in one day.

**30.53A.306 Places of assembly (IFC 105.6.34).**

An operational permit is required to operate a place of assembly.

1     **30.53A.308 Private fire hydrants (IFC 105.6.35).**

2  
3     An operational permit is required for the removal from service, use or operation of  
4     private fire hydrants.

5  
6         Exception: A permit is not required for private industry with trained maintenance  
7         personnel, private fire brigade or fire departments to maintain, test and use private  
8         hydrants.

9  
10    **30.53A.310 Pyrotechnic special effects material (IFC 105.6.36).**

11  
12    An operational permit is required for use and handling of pyrotechnic special effects  
13    material.

14  
15    **30.53A.312 Pyroxylin plastics (IFC 105.6.37).**

16  
17    An operational permit is required for storage or handling of more than 25 pounds (11 kg)  
18    of cellulose nitrate (pyroxylin) plastics and for the assembly or manufacture of articles  
19    involving pyroxylin plastics.

20  
21    **30.53A.314 Refrigeration equipment (105.6.38).**

22  
23    An operational permit is required to operate a mechanical refrigeration unit or system  
24    regulated by chapter 6 of the IFC.

25  
26    **30.53A.316 Repair garages and motor fuel-dispensing facilities (IFC 105.6.39).**

27  
28    An operational permit is required for operation of repair garages and automotive, marine  
29    and fleet motor fuel-dispensing facilities.

30  
31    **30.53A.318 Rooftop heliports. (IFC 105.6.40) (IFC 105.6.40).**

32  
33    An operational permit is required for the operation of a rooftop heliport.

34  
35    **30.53A.320 Spraying or dipping (IFC 105.6.41).**

36  
37    An operational permit is required to conduct a spraying or dipping operation utilizing  
38    flammable or combustible liquids or the application of combustible powders regulated by  
39    chapter 15 of the IFC.

40  
41    **30.53A.322 Storage of scrap tires and tire byproducts (IFC 105.6.42).**

42  
43    An operational permit is required to establish, conduct or maintain storage of scrap tires  
44    and tire byproducts that exceed 2,500 cubic feet (71 m<sup>3</sup>) of total volume of scrap tires  
45    and for indoor storage of tires and tire byproducts.



1     **30.53A.324 Temporary membrane structures, tents and canopies (IFC 105.6.43).**

2  
3     An operational permit is required to operate an air-supported temporary membrane  
4     structure or a tent having an area in excess of 200 square feet (19 m<sup>2</sup>), or a canopy in  
5     excess of 400 square feet (37 m<sup>2</sup>).  
6

7         **Exceptions:**

- 8  
9         (1) Tents used exclusively for recreational camping purposes.  
10        (2) Fabric canopies open on all sides which comply with all of the following:  
11           (a) Individual canopies having a maximum size of 700 square feet (65 m<sup>2</sup>).  
12           (b) The aggregate area of multiple canopies placed side by side without a  
13           fire break clearance of not less than 12 feet (3,658 mm) shall not exceed  
14           700 square feet (65 m<sup>2</sup>) total.  
15           (c) A minimum clearance of 12 feet (3,658 mm) to structures and other tents  
16           shall be provided.  
17

18     **30.53A.326 Tire-rebuilding plants (IFC 105.6.44).**

19  
20     An operational permit is required for the operation and maintenance of a tire-rebuilding  
21     plant.  
22

23     **30.53A.328 Waste handling (IFC 105.6.45).**

24  
25     An operational permit is required for the operation of wrecking yards, junk yards and  
26     waste material-handling facilities.  
27

28     **30.53A.330 Wood products (IFC 105.6.46).**

29  
30     An operational permit is required to store chips, hogged material, lumber or plywood in  
31     excess of 200 cubic feet (6 m<sup>3</sup>).  
32

33     **30.53A.332 Required construction permits (IFC 105.7).**

34  
35     The fire marshal is authorized to issue construction permits for work as set forth in SCC  
36     30.53A.334 through 30.53A.358.  
37

38     **30.53A.334 Automatic fire-extinguishing systems (IFC 105.7.1).**

39  
40     A construction permit is required for installation of or modification to an automatic fire-  
41     extinguishing system. Maintenance performed in accordance with the fire code is not  
42     considered a modification and does not require a permit.  
43  
44  
45  
46

1     **30.53A.336 Battery systems (IFC 105.7.2).**

2  
3     A permit is required to install stationary storage battery systems having a liquid capacity  
4     of more than 50 gallons (189 L).

5  
6     **30.53A.338 Compressed gases (IFC 105.7.3).**

7  
8     When the compressed gases in use or storage exceed the amounts listed in Table  
9     30.53A.252, a construction permit is required to install, repair damage to, abandon,  
10    remove, place temporarily out of service, or close or substantially modify a compressed  
11    gas system.

12  
13        Exceptions:

14  
15        (1) Routine maintenance.

16        (2) Emergency repair work for which an application for permit is made within two  
17    working days of commencement of work. The permit applicant shall apply for approval  
18    to close storage, use or handling facilities at least 30 days prior to the termination of the  
19    storage, use or handling of compressed or liquefied gases. Such application shall  
20    include any change or alteration of the facility closure plan filed pursuant to section  
21    2701.6.3 of the IFC. The 30-day period is not applicable when approved based on  
22    special circumstances requiring such waiver.

23  
24    **30.53A.340 Fire alarm and detection systems and related equipment (IFC 105.7.4).**

25  
26    A construction permit is required for installation of or modification to fire alarm and  
27    detection systems and related equipment. Maintenance performed in accordance with  
28    the fire code is not considered a modification and does not require a permit.

29  
30    **30.53A.342 Fire pumps and related equipment (IFC 105.7.5).**

31  
32    A construction permit is required for installation of or modification to fire pumps and  
33    related fuel tanks, jockey pumps, controllers, and generators. Maintenance performed in  
34    accordance with the fire code is not considered a modification and does not require a  
35    permit.

36  
37    **30.53A.344 Flammable and combustible liquids (IFC 105.7.6).**

38  
39    A construction permit is required:

40  
41        (1) To repair or modify a pipeline for the transportation of flammable or combustible  
42    liquids.

43        (2) To install, construct or alter tank vehicles, equipment, tanks, plants, terminals,  
44    wells, fuel-dispensing stations, refineries, distilleries and similar facilities where  
45    flammable and combustible liquids are produced, processed, transported, stored,  
46    dispensed or used.

1 (3) To install, alter, remove, abandon or otherwise dispose of a flammable or  
2 combustible liquid tank.

3  
4 **30.53A.346 Hazardous materials (IFC 105.7.7).**

5  
6 A construction permit is required to install, repair damage to, abandon, remove, place  
7 temporarily out of service, or close or substantially modify a storage facility or other area  
8 regulated by chapter 27 of the IFC when the hazardous materials in use or storage  
9 exceed the amounts listed in Table 30.53A.278.

10  
11 **Exceptions:**

12  
13 (1) Routine maintenance.

14 (2) Emergency repair work for which an application for permit is made within two  
15 working days of commencement of work.

16  
17 **30.53A.348 Industrial ovens (IFC 105.7.8).**

18  
19 A construction permit is required for installation of industrial ovens covered by chapter  
20 21 of the IFC.

21  
22 **Exceptions:**

23  
24 (1) Routine maintenance.

25 (2) For repair work for which an application for permit is made within two working  
26 days of commencement of work.

27  
28 **30.53A.350 Liquid petroleum gas systems (IFC 105.7.9).**

29  
30 A construction permit is required for installation of or modification to a liquid petroleum  
31 gas system.

32  
33 **30.53A.352 Private fire hydrants (IFC 105.7.10).**

34  
35 A construction permit is required for the installation or modification of private fire  
36 hydrants.

37 **30.53A.354 Spraying or dipping (IFC 105.7.11).**

38  
39 A construction permit is required to install or modify a spray room, dip tank or booth.

40  
41 **30.53A.356 Standpipe systems (IFC 105.7.12).**

42  
43 A construction permit is required for the installation, modification, or removal from  
44 service of a standpipe system. Maintenance performed in accordance with the fire code  
45 is not considered a modification and does not require a permit.

1     **30.53A.358 Temporary membrane structures, tents and canopies (IFC 105.7.13).**

2  
3     A construction permit is required to erect an air-supported temporary membrane  
4     structure or a tent having an area in excess of 200 square feet (19 m<sup>2</sup>), or a canopy in  
5     excess of 400 square feet (37 m<sup>2</sup>).  
6

7         **Exceptions:**

8  
9             (1) Tents used exclusively for recreational camping purposes.

10            (2) Funeral tents and curtains or extensions attached thereto, when used for funeral  
11     services.

12            (3) Fabric canopies and awnings open on all sides which comply with all of the  
13     following:

14               (a) Individual canopies shall have a maximum size of 700 square feet (65 m<sup>2</sup>).

15               (b) The aggregate area of multiple canopies placed side by side without a fire  
16     break clearance of not less than 12 feet (3,658 mm) shall not exceed 700 square feet  
17     (65m<sup>2</sup>) total.

18               (c) A minimum clearance of 12 feet (3,658 mm) to structures and other tents  
19     shall be maintained.  
20

21     **30.53A.360 Inspection authority (IFC 106.1).**

22  
23     The fire marshal is authorized to enter and examine any building, structure, marine ves-  
24     sel, vehicle or premises in accordance with SCC 30.53A.146 and 30.53A.148 for the  
25     purpose of enforcing the fire code.  
26

27     **30.53A.362 Inspections (IFC 106.2).**

28  
29             (1) The fire marshal is authorized to conduct inspections on buildings and premises,  
30     including such other hazards or appliances designated by the fire marshal for  
31     the purpose of ascertaining and causing to be corrected any conditions which would  
32     reasonably tend to cause fire or contribute to its spread, or any violation of the fire code  
33     and of any other law or standard affecting fire safety as deemed necessary to determine  
34     the extent of compliance with the provisions of the fire code.

35             (2) The fire marshal is authorized to approve inspection reports by approved  
36     agencies or individuals. All reports of such inspections shall be prepared and submitted  
37     in writing for review and approval. Inspection reports shall be certified by a responsible  
38     officer of such approved agency or by the responsible individual.

39             (3) The fire marshal is authorized to engage additional expert opinion as deemed  
40     necessary by the director to report upon unusual, detailed or complex technical issues.

41             (4) There shall be a fire inspection annually or as often as deemed necessary by the  
42     fire marshal for the purpose of renewing certificates of occupancy for all buildings or  
43     structures in groups A, B, E (with more than 6 persons), F, H, I-4, M, R-1, R-2, R-4, S,  
44     and U, occupancies. An inspection fee shall be charged in accordance with SCC  
45     30.86.430 for each inspection required.  
46

1     **30.53A.364 Concealed work (IFC 106.3).**

2  
3     Whenever any installation subject to inspection prior to use is covered or concealed  
4     without having first been inspected, the fire marshal shall have the authority to require  
5     that such work be exposed for inspection.  
6

7     **30.53A.366 Approvals (IFC 106.4).**

8  
9     Approval as the result of an inspection shall not be construed to be an approval of a  
10    violation of the provisions of the SCC. Inspections presuming to give authority to violate  
11    or cancel provisions of the fire code or the SCC shall not be valid.  
12

13    **30.53A.368 Maintenance of safeguards (IFC 107.1).**

14  
15    Whenever or wherever any device, equipment, system, condition, arrangement, level of  
16    protection, or any other feature is required for compliance with the provisions of the fire  
17    code, or otherwise installed, such device, equipment, system, condition, arrangement,  
18    level of protection, or other feature shall thereafter be continuously maintained in  
19    accordance with the fire code and applicable referenced standards.  
20

21    **30.53A.370 Testing and operation (IFC 107.2).**

22  
23    Equipment requiring periodic testing or operation to ensure maintenance shall be tested  
24    or operated as specified in the fire code.  
25

26    **30.53A.372 Test and inspection records (IFC 107.2.1).**

27  
28    Required test and inspection records shall be available to the fire marshal at all times or  
29    such records as the fire marshal designates shall be filed with the fire marshal.  
30

31    **30.53A.374 Re-inspection and testing (IFC 107.2.2).**

32  
33    Where any work or installation does not pass an initial test or inspection, the necessary  
34    corrections shall be made so as to achieve compliance with the fire code. The work or  
35    installation shall then be resubmitted to the fire marshal for inspection and testing.  
36

37    **30.53A.376 Supervision (IFC 107.3).**

38  
39    Maintenance and testing of any device, equipment, system, condition, arrangement,  
40    level of protection or other feature shall be under the supervision of a responsible  
41    person who shall ensure that such maintenance and testing are conducted at specified  
42    intervals in accordance with the fire code.  
43  
44  
45  
46

1     **30.53A.378 Rendering equipment inoperable (IFC 107.4).**

2  
3     Portable or fixed fire-extinguishing systems or devices and fire-warning systems shall  
4     not be rendered inoperative or inaccessible except as necessary during emergencies,  
5     maintenance, repairs, alterations, drills or prescribed testing.

6  
7     **30.53A.380 Maintenance responsibilities (IFC 107.5).**

8  
9     Correction and abatement of violations of the fire code related to maintenance shall be  
10    the responsibility of the property owner. If an occupant creates, or allows to be created,  
11    hazardous conditions in violation of the fire code, the property owner, operator, or other  
12    person responsible for the condition or violation shall be held responsible for the  
13    abatement of such hazardous conditions.

14  
15    **30.53A.382 Overcrowding (IFC 107.6).**

16  
17    Overcrowding or admittance of any person beyond the approved capacity of a building  
18    or a portion thereof shall not be allowed. The fire marshal, upon finding any  
19    overcrowding conditions or obstructions in aisles, passageways or other means of  
20    egress, or upon finding any condition which constitutes a life safety hazard, shall be  
21    authorized to cause the event to be stopped until such condition or obstruction is  
22    corrected.

23  
24    **30.53A.388 Unlawful acts and violations (IFC 109.1).**

25  
26    It shall be unlawful for a person, firm or corporation to erect, construct, alter, repair,  
27    remove, demolish or utilize a building, occupancy, premises or system regulated by the  
28    fire code, or cause same to be done, in conflict with or in violation of any of the  
29    provisions of the fire code. Any person violating any provision of this chapter shall be  
30    subject to enforcement action pursuant to the fire code and chapter 30.85 SCC.

31  
32    **30.53A.390 Voluntary correction notice letter and notice and order (IFC 109.2).**

33  
34    Pursuant to chapter 30.85 SCC, when the fire marshal finds a building, premises,  
35    vehicle, storage facility or outdoor area that is in violation of the fire code, the fire  
36    marshal is authorized to prepare a written voluntary correction notice letter providing 5  
37    days for voluntary compliance, describing the conditions deemed unsafe and specifying  
38    a time for re-inspection. If voluntary compliance is not made within the specified  
39    timeframe, a notice and order shall be issued.

40  
41    **30.53A.392 Service (IFC 109.2.1).**

42  
43    A voluntary correction notice letter and notice and order may be served upon the owner  
44    operator, occupant, or other person responsible for the condition or  
45    violation pursuant to any method approved in SCC 30.85.135.

1 **30.53A.394 Compliance with voluntary correction notice letter and notice and**  
2 **order (IFC 109.2.2).**

3  
4 A voluntary correction notice letter or notice and order of violation issued or served as  
5 provided by the fire code shall be complied with by the owner, operator, occupant or  
6 other person responsible for the condition or violation to which the notice of violation  
7 pertains.  
8

9 **30.53A.396 Prosecution of violations (IFC 109.2.3).**

10  
11 If the voluntary correction notice letter or notice and order is not complied with in the  
12 timeframe established in a voluntary correction notice letter or notice and order, the fire  
13 marshal is authorized to request the prosecuting attorney to institute the appropriate  
14 legal proceedings at law or in equity to restrain, correct or abate such violation or to  
15 require removal or termination of the unlawful occupancy of the structure in violation of  
16 the provisions of the fire code or of the order pursuant to this chapter and chapter 30.85  
17 SCC pending the outcome of any appeal that would stay legal proceedings.  
18

19 **30.53A.398 Unauthorized tampering (IFC 109.2.4).**

20  
21 Signs, tags or seals posted or affixed by the fire marshal shall not be mutilated,  
22 destroyed or tampered with or removed without authorization from the fire marshal.  
23

24 **30.53A.400 Violation penalties (IFC 109.3).**

25  
26 Persons who violate a provision of the fire code or fail to comply with any of the require-  
27 ments thereof or who erect, install, alter, repair or do work in violation of the approved  
28 construction documents or directive of the fire marshal, or of a permit or certificate used  
29 under provisions of the fire code, shall be subject to penalties as prescribed by law and  
30 chapter 30.85 SCC.  
31

32 **30.53A.402 Abatement of violation (IFC 109.3.1).**

33  
34 The fire marshal is authorized to institute appropriate action to prevent unlawful  
35 construction or to restrain, correct or abate a violation; or to prevent illegal occupancy of  
36 a structure or premises; or to stop an illegal act, conduct of business or occupancy of a  
37 structure on or about any premises. The abatement procedures in SCC 30.85.320 shall  
38 apply.  
39

40 **30.53A.404 Unsafe buildings – general (IFC 110.1).**

41  
42 If during the inspection of a premises, a building or structure or any building system, in  
43 whole or in part, constitutes a clear and imminent threat to human life, safety or health,  
44 the fire marshal shall coordinate with the code enforcement staff to issue such notice or  
45 orders to remove or remedy the conditions as shall be deemed necessary in

1 accordance with this section and shall refer the building to the building official for any  
2 repairs, alterations, remodeling, removing or demolition required.

3  
4 **30.53A.406 Unsafe buildings - unsafe conditions (IFC 110.1.1).**

5  
6 Structures or existing equipment that are or hereafter become unsafe or deficient  
7 because of inadequate means of egress or which constitute a fire hazard, or are  
8 otherwise dangerous to human life or the public welfare, or which involve illegal or  
9 improper occupancy or inadequate maintenance, shall be deemed an unsafe condition.  
10 A vacant structure which is not secured against unauthorized entry as required by  
11 section 311 of the IFC shall be deemed unsafe.

12  
13 **30.53A.408 Unsafe buildings - structural hazards (IFC 110.1.2).**

14  
15 When an apparent structural hazard is caused by the faulty installation, operation or  
16 malfunction of any of the items or devices governed by the fire code, the fire marshal  
17 shall immediately notify the building code official in accordance with SCC 30.53A.404.

18  
19 **30.53A.410 Unsafe buildings - evacuation (IFC 110.2).**

20  
21 The fire marshal or the fire department official in charge of an incident shall be  
22 authorized to order the immediate evacuation of any occupied building deemed unsafe  
23 when such building has hazardous conditions that present imminent danger to building  
24 occupants. Persons so notified shall immediately leave the structure or premises and  
25 shall not enter or re-enter until authorized to do so by the fire marshal or the fire  
26 department official in charge of the incident.

27  
28 **30.53A.412 Unsafe buildings - summary abatement (IFC 110.3).**

29  
30 Where conditions exist that are deemed hazardous to life and property, the fire marshal  
31 or fire department official in charge of the incident is authorized to summarily abate such  
32 hazardous conditions that are in violation of this chapter.

33  
34 **30.53A.414 Unsafe buildings - abatement (IFC 110.4).**

35  
36 The owner, operator, or occupant of a building or premises deemed unsafe by the fire  
37 code official shall abate or cause to be abated or corrected such unsafe conditions  
38 either by repair, rehabilitation, demolition or other approved corrective action.

39  
40 **30.53A.416 Stop work order (IFC 111.1).**

41  
42 Whenever the fire marshal finds any work regulated by the fire code being performed in  
43 a manner contrary to the provisions of the fire code or in a dangerous or unsafe  
44 manner, the fire marshal is authorized to issue a stop work order.



1 **30.53A.418 Issuance of stop work order (IFC 111.2).**

2  
3 Stop work orders shall be issued pursuant to SCC 30.85.110 and 30.85.135.

4  
5 **30.53A.420 – Emergency order (IFC 111.3).**

6  
7 The fire marshal is authorized to issue an emergency order pursuant to SCC 30.85.122.

8  
9 **30.53A.422 Failure to comply with stop work or emergency order (IFC 111.4).**

10  
11 Any person who shall continue any work after having been served with a stop work  
12 order or emergency order except such work as that person is directed to perform to  
13 remove a violation or unsafe condition, shall be liable to a fine as prescribed pursuant to  
14 chapter 30.85 SCC. Such continuance shall be declared to be a public nuisance and  
15 shall be abated in accordance with SCC 30.85.320.

16  
17 **PARTS 500 - 600 Additions and amendments to the IFC**

18 **30.53A.500 Section 202 Definitions – amended.**

19 Section 202 of the IFC is amended to add or amend the following definitions:

20  
21 (1) A definition of "CHIEF" is added as to read:

22  
23 **"CHIEF"** means the Snohomish County Fire Marshal or fire code official.

24  
25 (2) The definition of "CHIEF OF POLICE or POLICE DEPARTMENT" is added to  
26 read:

27  
28 **"CHIEF OF POLICE or POLICE DEPARTMENT"** means the Snohomish County  
29 Sheriff or Snohomish County Sheriff's Office.

30  
31 (3) A definition of "COMMERCIAL OCCUPANCY" is added to read:

32  
33 **"COMMERCIAL OCCUPANCY"** means groups A, B, E, F, H, I, M, R-1, R-2, R-  
34 4, S, and U (if a certificate of occupancy is issued by the building official) occupancies  
35 as defined in section 202 of the IFC.

36  
37 (4) A definition of "FIRE DEPARTMENT DISTRICT" is added to read:

38  
39 **"FIRE DEPARTMENT DISTRICT"** means the fire district responsible for fire  
40 protection in the area.

41  
42 (5) A definition of "FIRE DEPARTMENT CONNECTION" is added to read:

1       **"FIRE DEPARTMENT CONNECTION (FDC)"** means that interface on a  
2 standpipe or sprinkler system where a fire hose hooks up to the sprinkler system or  
3 standpipe.  
4

5       (6) A definition of "FIRE FLOW" is added to read:  
6

7       **"FIRE FLOW"** means the rate of water delivery needed for the sole purpose of  
8 fighting fires. The fire flow volume shall be in addition to the requirements of the water  
9 system for domestic demand, and a 20 psi residual pressure should be maintained  
10 throughout the system under combined maximum demand flow conditions.  
11

12       (7) A definition of "FIRE HYDRANT" is added to read:  
13

14       **"FIRE HYDRANT"** means a mechanical device which is self draining, frost free,  
15 and is constructed to provide the required fire flow for the area serviced.  
16

17       (8) A definition of "PRIVATE FIRE HYDRANT" is added to read:  
18

19       **"PRIVATE FIRE HYDRANT"** means a fire hydrant which is situated and  
20 maintained so as to provide water for fire fighting purposes with restrictions as to its use  
21 or accessibility by the public.  
22

23       (9) A definition of "PUBLIC HYDRANT" is added to read:  
24

25       **"PUBLIC HYDRANT"** means a fire hydrant which is dedicated or otherwise  
26 permanently appropriated to the public for public use.  
27

28       (10) A definition of "PUBLIC WATER SYSTEM" is added to read:  
29

30       **"PUBLIC WATER SYSTEM"** means any system or water supply intended to be  
31 used for human consumption or other domestic uses, including, but not limited to  
32 sources, treatment, storage, transmission and distribution facilities where water is  
33 furnished to any community, collection or number of individuals, or is made available to  
34 the public for human consumption or domestic use, excluding water systems serving a  
35 single family residence, water systems existing prior to September 21, 1977, which are  
36 owner operated and serve less than ten single family residences, and water systems  
37 serving no more than one industrial plant.  
38

39       (11) A definition of "WATER PURVEYOR" is added to read:  
40

41       **"WATER PURVEYOR"** means a federal, state, or county agency, or city, town,  
42 municipal, corporation, firm, company, association, corporation, partnership, district,  
43 institution, person or persons, owning or operating a public or private water system.  
44

45       (12) A definition of "WATER MAIN" is added to read:

1       **"WATER MAIN"** means the piping used or which may be used to deliver  
2 domestic or industrial water and/or fire flows intended for fire protection in amounts  
3 prescribed in this chapter, and excludes storage facilities, hydrants, and service  
4 connections.

5  
6       **30.53A.502 Open burning definitions – added.**

7  
8       Section 302 of the IFC is amended to add the following definitions:

9       **"OPEN BURNING"** means the burning of natural vegetation in an outdoor location and  
10 categorized as either residential or land clearing for the purposes of permit issuance.

11  
12       **"OPEN BURNING - RESIDENTIAL"** means the outdoor burning of leaves, clippings,  
13 prunings and other yard and gardening refuse originating on lands immediately adjacent  
14 and in close proximity to a human dwelling and burned on such lands by the property  
15 owner or his or her designee.

16  
17       **"OPEN BURNING - LAND CLEARING"** means the outdoor burning of trees, stumps,  
18 shrubbery, or other natural vegetation from land clearing by the property owner or his or  
19 her designee. Land clearing projects are those that clear the land surface so it can be  
20 developed, used for a different purpose, or left unused.

21  
22       **30.53A.504 Open burning – amended (IFC 307.1.1).**

23       Section 307.1.1 of the IFC is amended to read:

24       (1) Open fires are prohibited at all county operated landfill sites, and all county  
25 personnel are directed to take necessary steps to prevent and extinguish such fires.

26       (2) Where open burning permits have been issued by the fire marshal, open burning  
27 shall be suspended when a burn ban by the Puget Sound Clean Air Agency (PSCAA) is  
28 issued and shall not be resumed until the burn ban is lifted.

29  
30       **30.53A.506 Group A occupancies – amended (IFC 308.3.7).**

31  
32       A new exception is added to section 308.3.7 of the IFC to read:

33  
34       (4) Where approved by the fire marshal when minimum IFC performance standards are  
35 met.

36  
37       **30.53A.508 Excessive false alarms – added (IFC 401.3.4).**

38  
39       A new section 401.3.4 is added to the IFC to read:

40  
41       **401.3.4 Excessive false alarms - penalty imposed.** No more than three false alarms  
42 from any location shall be permitted within any calendar year. The owner or operator of  
43 any location from which more than three false alarms are sent within any calendar year  
44 may be subject to the imposition of a penalty pursuant to chapter 30.85 SCC.

1     **30.53A.510 Definitions – amended (IFC 502).**

2  
3     Section 502 of the IFC is amended as follows:

4  
5         (1) A definition of "FIRE LANE" is added to read:

6  
7             **"FIRE LANE (FIRE APPARATUS ACCESS ROAD)"** means any road or driving  
8 surface whether public or private that is maintained in accordance with locally adopted  
9 street, road and access standards.

10  
11         (2) The definition of "FIRE DEPARTMENT" is deleted, and the following definition is  
12 added:

13  
14             **"FIRE DEPARTMENT"** means the office of the county fire marshal.

15  
16         (3) A definition of "TURNAROUND" is added to read:

17  
18             **"TURNAROUND"** shall mean a cul-de-sac having a driving surface with a  
19 minimum 40-foot outside radii.

20     **30.53A.512 Fire apparatus access roads – replaced (IFC 503).**

21     Section 503 of the IFC is deleted in its entirety and replaced as follows:

22     **503.1** Where required. Fire apparatus access roads shall be provided and maintained in  
23 accordance with sections 503.1.1 through 503.1.3.

24  
25     **503.1.1** Buildings and facilities. Fire apparatus access roads shall be provided in  
26 accordance with sections 501 and 503 of the IFC for every facility, building or portion of  
27 a building hereafter constructed or moved into or within the county when any portion of  
28 the facility or any portion of an exterior wall of the first story of the building is located  
29 more than 150 feet from fire apparatus access as measured by an approved route  
30 around the exterior of the building or facility. See also section 504 of the IFC for  
31 personnel access to buildings. When access roads cannot be installed due to location  
32 on property, topography, waterways, nonnegotiable grades or other similar conditions,  
33 the fire marshal is authorized to require alternative fire protection.

34  
35     Exceptions:

36  
37         1. When buildings are completely protected with an approved automatic fire sprinkler  
38 system installed in accordance with chapter 30.52G SCC, the fire apparatus access  
39 road requirements may be modified by the fire marshal.

40         2. When there are no more than two Group R-3, or Group U Occupancies, the  
41 requirements of sections 503.1.1 and 503.2 of the IFC may be modified by the fire  
42 marshal.

1 **503.1.2 Additional access.** More than one fire apparatus road shall be provided when it  
2 is determined by the fire marshal that access by a single road might be impaired by  
3 vehicle congestion, condition of terrain, climatic conditions or other factors that could  
4 limit access. For high-piled combustible storage, section 2306.6 of the IFC applies. For  
5 required access during construction, alteration or demolition of a building, section  
6 1410.1 of the IFC applies.

7  
8 **503.1.3 High piled storage.** Fire department vehicle access to buildings used for high-  
9 piled combustible storage shall comply with the applicable provisions of chapter 23 of  
10 the IFC.

11  
12 **503.2.1 Specifications.** Fire apparatus roads shall be installed and arranged in  
13 accordance with sections 503.2.1 through 503.2.7, as modified by this chapter.

14  
15 **503.2.1 Dimensions.** Fire apparatus roads shall have an unobstructed width of not less  
16 than 20 feet (6096 mm), and an unobstructed vertical clearance of 13 feet and 6 inches  
17 in height except as modified by this chapter.

18  
19 **503.2.2 Authority.** Vertical clearances of 13 feet and 6 inches in height or widths of 20'  
20 shall be increased when, in the opinion of the fire marshal, vertical clearances or widths  
21 are not adequate to provide fire apparatus access.

22  
23 **503.2.3 Surface.** All fire apparatus access roadways shall be constructed of either  
24 gravel, asphalt or some other all-weather surface capable of supporting vehicles  
25 consistent with Engineering Design and Development Standards (EDDS).

26  
27 **503.2.4 Turning Radius.** Turns, bends, or sweeps in fire apparatus access roadways  
28 shall be designed at not less than twenty-foot inside-turning radii nor less than forty-foot  
29 outside-turning radius.

30  
31 **503.2.5 Dead ends.** Dead-end fire apparatus access roads in excess of 150 feet in  
32 length shall be provided with a turnaround unless a modification is granted by the fire  
33 marshal. Dead-end fire apparatus access roads that exceed 1,200 feet in length shall  
34 be provided with intermediate turnarounds to provide adequate fire apparatus turn-  
35 around or the fire marshal is authorized to require additional fire protection.

36  
37 **503.2.6 Bridges.** When a bridge is required to be used as part of a fire apparatus  
38 access road, it shall be constructed and maintained in accordance with the department  
39 of public works engineering design and development standards adopted by the county.  
40 The bridge shall be designed to carry an AASHTO (American Association of State  
41 Highway and Traffic Officials) HS 25-44 live load or greater that is sufficient to carry the  
42 imposed loads of fire apparatus. Vehicle load limits shall be posted at both entrances to  
43 bridges when required by the fire marshal.

44  
45 **503.2.7 Grade.** The gradient for a fire apparatus access road shall not exceed 15  
46 percent. Cul-de-sac bulb grades shall not exceed six percent.

1 **503.3. Marking.** Where required by the fire marshal, approved signs, striping or other  
2 approved notices shall be provided for fire apparatus roads to identify such roads or  
3 prohibit the obstruction thereof. Signs or notices shall be maintained in a clean or  
4 legible condition at all times and be replaced or repaired when necessary to provide  
5 adequate visibility.

6  
7 **503.4 Obstruction of fire apparatus access roads.** Fire apparatus access roads shall not  
8 be obstructed in any manner, including the parking of vehicles.

9  
10 **503.5.1 Entrances secured by gates or barriers.** Entrances to roads, trails or other  
11 access way which have been closed with gates and barriers in accordance with section  
12 503.5 of the IFC shall not be obstructed by parked vehicle.

13  
14 **503.6 Gates accessing residential developments.** Gates installed in a residential  
15 community shall be equipped with a strobe activation device unless the local fire district  
16 does not have the capability to activate such device and another device is approved by  
17 the local fire district. Minimum gate width opening shall be 20 feet. The gate is required  
18 to open automatically with the approach of emergency vehicles. In the event of a loss  
19 of power, the gate shall open automatically and remain in the open position until power  
20 is restored. The gate shall remain in the open position until such time that the power is  
21 restored.

22  
23 Exemption: 2 or fewer dwelling units as approved by the local fire district.

24  
25 **503.7 Split entries to plats, short plats and single-family detached units (SFDU).** Split  
26 entries into plats, short plats and SFDUs shall be allowed where each aisle (lane) is at  
27 least 14 feet in width.

28 **503.8 Cul-de-sac Planters.** Planters may be installed in cul-de-sacs when the outside  
29 radius of the cul-de-sac is a minimum of 50 feet and the inside radius is a minimum of  
30 25 feet.

31 **30.53A.514 Fire protection water supply – replaced.**

32  
33 Section 508.1 of the IFC is deleted in its entirety and replaced as follows:

34 (1) The minimum water supply requirements contained in this section shall apply to  
35 land use and construction permit actions subject to this title, or to any other existing or  
36 future code provision in which compliance with the fire code is specifically required.  
37 Water mains and fire hydrants shall meet the required minimum standards for water  
38 mains and fire hydrants. These requirements shall apply to land use and construction  
39 permit actions subject to this title, or to any other existing or future code provision in  
40 which compliance with the fire code is specifically required.

41 (2) In administering these requirements, the fire marshal or the fire marshal's  
42 designee shall have the authority to impose conditions on permits issued under this title  
43 where necessary to mitigate fire hazards.

1 (3) A water supply shall consist of reservoirs, pressure tanks, elevated tanks, water  
2 mains or other fixed systems capable of providing the required fire flow. Required water  
3 supply for fire protection shall include:

4 (a) An approved water supply capable of supplying the required water flow for fire  
5 protection shall be provided to premises upon which facilities, buildings or portions of  
6 buildings are hereafter constructed or moved into or within the jurisdictions

7 (b) All land upon which buildings or portions of buildings are or may be  
8 constructed, erected, enlarged, altered, repaired, moved into the jurisdiction, or  
9 improved, shall be served by a water supply designed to meet the required fire flow for  
10 fire protection as set out in appendix B of the IFC, except that fire flow requirements for  
11 rural areas outside of an Urban Growth Area shall be reduced by 25 percent. Fire flow  
12 requirements for structures with a supervised fire alarm system connected to an  
13 Underwriters Laboratory, Inc. approved fire alarm center may be reduced by an  
14 additional 25 percent.

15 (c) Prior to final approval of any subdivision or short subdivision, written  
16 verification by the water purveyor of actual fire flow, calculated in accordance with  
17 appendix B of the IFC, shall be provided to the fire marshal for review and approval.

18  
19 Exemptions: Except as provided in IFC section 508.1, the following permits and  
20 approvals are exempt from the water supply and fire hydrant requirements of this  
21 chapter:

22 (1) Subdivisions and short subdivisions in which all lots have a lot area of 43,560  
23 square feet (one acre) or more in size;

24 (2) Building permits for structures classified by the building code as Group U  
25 occupancies (agricultural buildings, private garages; carports and sheds) that are  
26 restricted to private residential use only, provided that riding arenas or other agricultural  
27 type structures used or accessed by the public shall not be exempt;

28 (3) A building permit for a single family detached dwelling, duplex, or mobile  
29 home to be placed on a lot with a lot area of 43,560 square feet (one acre) or more in  
30 size; and

31 (4) Mobile home permits for mobile homes in established mobile home parks.

32  
33 **30.53A.515 Type of water supply – deleted (IFC 508.2).**

34  
35 Section 508.2 of the IFC is deleted in its entirety.

36  
37 **30.53A.516 Fire hydrant spacing – added (IFC C105 of Appendix C).**

38  
39 A new paragraph is added to C105 of Appendix C of the IFC to read as follows:

40 (1) Fire hydrant locations shall be determined by the fire marshal, in coordination with  
41 the water purveyor, and pursuant to the requirements of Appendix C of the IFC subject  
42 to the following exceptions:

43 (a) Fire hydrants serving single family dwellings or duplexes shall have a maximum  
44 lateral spacing of 600 feet with no lot or parcel in excess of 300 feet from a fire hydrant;  
45 and

(b) Where the buildings are protected by an approved automatic sprinkler system, the spacing requirements may be modified, if in the opinion of the fire marshal or his designee, the level of fire protection is not reduced.

(2) For dead-end streets or roads the fire marshal may make adjustments to the lateral spacing requirements to facilitate locating the hydrant at or near the street intersection and hydrants shall be located at, or near street intersections whenever possible.

(3) All hydrants shall be accessible to the fire department by roadways or accesses meeting the requirements of section 503 of the IFC.

(4) When hydrants cannot be installed in conformance with the spacing requirements of this chapter, the fire marshal shall confer with the water purveyor and provide for alternate locations as allowed by the fire code.

### **30.53A.518 Hydrant systems – where required – amended (IFC 508.5.1).**

Section 508.5.1 of the IFC is amended to read:

Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 150 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided, where required by the fire marshal.

Exceptions:

(1) For Group R-3 and Group U occupancies, the distance requirements shall be 300 feet.

(2) For buildings equipped throughout with an approved automatic sprinkler system installed in accordance with chapter 30.52G SCC, the distance requirement shall be 300 feet.

### **30.53A.520 Inspection, testing and maintenance requirements – replaced.**

Section 508.5.2 of the IFC is deleted in its entirety and replaced as follows:

Fire hydrant systems shall be subject to periodic tests as required by the fire marshal. Fire hydrant systems shall be maintained in an operative condition at all times and shall be repaired where defective. Additions, repairs, alterations and servicing shall comply with approved standards. The standards contained in this section apply to all new hydrant installations and to replacement of existing hydrants on public water systems that are required by the IFC to provide fire flow.

(1) The installation of all fire hydrants shall be in accordance with sound engineering practices and supplied by mains as prescribed by this chapter. Hydrants shall be installed, tested and charged prior to the start of construction, unless otherwise approved by the fire marshal.

(2) Approval of fire hydrant types must be obtained prior to installation from the water purveyor, or the fire marshal in the absence of a water purveyor.

(3) All elements of fire hydrant installation including water mains, pipes, valves, and

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1 related components shall conform to the fire code, National Fire Protection Association  
2 (NFPA) Standard 24 2007 edition, and American Water Works Association (AWWA)  
3 Standard C502-94.

4 (4) Standard hydrants shall have not less than five-inch main valve openings (MVO)  
5 with two two-and-one-half inch National Hose (N.H.) outlet ports and one four-and-one-  
6 half inch N.H. outlet port. When two port hydrants are replaced, they shall be replaced  
7 with three port hydrants.

8 (5) "Storz" type steamer port fittings shall be provided on new hydrants when required  
9 by the local fire district.

10 (6) Hydrants shall stand plumb and be set to the finished grade. The bottom of the  
11 lowest outlet of the hydrant shall be no less than 18 inches above the grade. There  
12 shall be a 36-inch radius of clear area about the hydrant for the operation of a hydrant  
13 wrench on the outlets and the control valve. The pumper port shall face the street, or  
14 where the street cannot be clearly identified, the port shall face the most likely route of  
15 approach of the fire truck while pumping, as determined by the fire marshal. The  
16 hydrant shall be installed within 15 feet of the street or access roadway.

17 (7) Hydrants shall be a minimum of 50 feet from a commercial structure to be served  
18 and no further than 100 feet from a fire department connection (FDC) if present.

19 (8) The hydrant lateral shall be designed to deliver the required fire flow.

20 (9) Hydrants shall not be obstructed by structures, fences, the parking of vehicles, or  
21 vegetation. Hydrant visibility shall not be impaired within a distance of 75 feet in any  
22 direction of vehicular approach to the hydrant.

23 (10) Fire hydrant systems shall be maintained in an operative condition at all times  
24 and shall be repaired where defective. Additions, repairs, alterations and servicing shall  
25 be in accordance with approved standards. Fire hydrant systems shall be subject to  
26 such periodic tests as required by the fire marshal.

27 (11) When any portion of the facility or building protected is in excess of 150 feet from  
28 a water supply on a public street, as measured by an approved route around the  
29 exterior of the facility or building, on-site fire hydrants and mains capable of supplying  
30 the required fire flow shall be provided when required by the fire marshal.

31 (12) The fire district may, in accordance with an agreement with the water purveyor,  
32 test hydrants for flow capability.

33 (13) For all new hydrant installations, either public or private, the developer shall color  
34 code the tops of the hydrant(s) to designate the level of service being provided by that  
35 hydrant. Color coding for existing and new hydrants shall be in accordance with SCC  
36 Table 30.53A.520(13).

**Hydrant Color Codes**  
**Table 30.53A.520(13)**

Color Code for Hydrant	Level of Service
Light Blue	1,500 GPM or greater
Green	1,000 to 1,499 GPM
Orange	500 to 999 GPM
Red	Less than 500 GPM
Black	For drafting use only (hard suction/steamer port)
White	Cross on top of hydrant for filing tankers only

(14) For all new hydrant installations, either public or private, the developer shall install blue street reflectors to indicate hydrant locations. Installation of blue street reflectors shall be completed prior to final approval of any development or new construction.

(15) Maintenance of public hydrants shall be the responsibility of the recognized water purveyor. Private fire service hydrants and mains shall be protected and maintained by the owners in accordance with NFPA Pamphlet #24.

(16) The water purveyor shall submit documentation to the fire marshal indicating which entity is responsible for proper installation, operation and maintenance of fire protection facilities associated with public water systems. The statement shall also indicate which fire district or utility is responsible for repair and maintenance of fire hydrants in unincorporated Snohomish County.

(17) Vehicles shall not be parked within 15 feet of a fire hydrant, or fire department connection, or a fire protection system control valve.

#### **30.53A.522 Water main specifications – added (IFC 508.5.3).**

A new paragraph is added to section 508.5.3 IFC to read as follows:

The following requirements shall apply to all water main construction:

(1) Diameter. New or replaced water mains providing fire flow shall be a minimum of 6 inches in diameter and be designed to deliver fire flow required by the fire code. All dead end water mains in excess of 50 feet which provide fire flow shall be a minimum 8 inches in diameter.

(2) Future replacement. When existing water mains are replaced, replacement mains shall be sized to meet minimum fire flow requirements.

#### **30.53A.524 Definitions – amended (IFC 602).**

A new definition is added to section 602 of the IFC to read as follows:

1 **"POWER TAP"** means a device listed by an approved testing laboratory for indoor use  
2 consisting of an attachment plug on one end of a flexible cord and two or more  
3 receptacles on the opposite end, and has overcurrent protection.

4  
5 **30.53A.526 – Restricted occupancies – amended (IFC 806.1.1).**

6 The exceptions in section 806.1.1 of the IFC are amended to read:

7 Exceptions:

8 (1) Trees located in areas protected by an approved automatic sprinkler system  
9 installed in accordance with Section 903.3.1.1 or 903.3.1.2 of the IFC shall not be  
10 prohibited in Groups A, E, M, R-1 and R-2

11 (2) Trees shall be allowed within dwelling units in Group R-2 occupancies.

12 (3) Trees treated with a flame retardant and renewed to maintain flame resistance  
13 subject to approval of the fire marshal.

14  
15 **SCC 30.53A.528 –General requirements for decorative materials – amended (IFC**  
16 **807.1).**

17 The first paragraph of section 807.1 of the IFC is amended to read:

18 In occupancies of Groups A, B, E, I and R-1 and dormitories in Group R-2, curtains,  
19 draperies, hangings and other decorative materials suspended from walls or ceilings  
20 shall meet flame propagation performance criteria of NFPA 701 in accordance with  
21 section 806.2 of the IFC or be non-combustible.

22 **30.53A.530 Fire watch – amended (IFC 1404.5).**

23 Section 1404.5 of the IFC is amended to read:

24 When required by the fire marshal for building construction or demolition that is  
25 hazardous in nature, qualified personnel shall be provided to serve as an on-site fire  
26 watch. Fire watch personnel shall be provided with at least one approved means for  
27 notification of the fire department and their sole duty shall be to perform constant patrols  
28 and watch for the occurrence of fire.

29 **30.53A.532 General safety precautions – amended (IFC 2703.9).**

30 Section 2703.9 of the IFC is amended to read:

31 General safety precautions. General precautions for the safe storage, handling or care  
32 of hazardous materials shall be in accordance with sections 2703.9.1 through 2703.9.10  
33 of the IFC.

34 **30.53A.534 General safety precautions – amended (IFC 2703.9.10).**

1 A new section 2703.9.10 is added to the IFC to read:

2 Manufacturer's limitations. The storage and use of hazardous materials shall not exceed  
3 the manufacturer's limitations on shelf life and any other restrictions on use.

4 **30.53A.536 Permit required - deleted (IFC 3301.2).**

5 Section 3301.2 of the IFC is deleted in its entirety.

6  
7 **PART 700 Fireworks Administration**

8  
9 **30.53A.700 Fireworks - administration and enforcement.**

10 (1) The provisions of part 700 provide for the administration and enforcement of a  
11 fireworks permit system in accordance with chapter 70.77 RCW, and for rules and  
12 regulations promulgated thereunder in the interest of the public health, safety, and  
13 welfare. If necessary, the fire marshal shall promulgate rules related to the fireworks  
14 regulations pursuant to chapter 30.82 SCC.

15 (2) These requirements shall be administered and enforced by the Office of the  
16 Snohomish County Fire Marshal which shall adopt reasonable rules and regulations for  
17 doing such. The fire marshal may coordinate with the code enforcement staff of the  
18 department to process code enforcement cases.

19 (3) The definitions of terms contained in RCW 70.77.120 through RCW 70.77.241 are  
20 applicable to those terms used in chapter 30.53A SCC part 700.

21 **30.53A.702 Permit required.**

22 (1) No person, without an appropriate permit issued under the requirements of part  
23 700 of this chapter, may:

24 (a) Manufacture, import, possess, or sell any fireworks at wholesale or retail for any  
25 use;

26 (b) Make a public display of fireworks;

27 (c) Transport fireworks, except as a public carrier delivering to a permittee; or

28 (d) Discharge special fireworks at any place, except that, no permit is required for  
29 the possession or use of common fireworks lawfully purchased at retail.

30 (2) Any person denied issuance of a fireworks permit may appeal the decision in  
31 accordance with the appeal provisions of chapter 30.71 SCC.

32  
33 **30.53A.704 Fireworks permit - application.**

34 (1) Application for a fireworks permit shall be made to the fire marshal on forms  
35 provided by it. All fireworks display applications shall be made at least 10 days prior to  
36 the date of display. All common retail sales permit applications shall be made at least  
37 10 days prior to June 28th. All common retail sales permit applications shall be made  
38 by May 31<sup>st</sup> of each year. No application may be acted upon until complete nor shall  
39 the same be considered complete unless accompanied by copies of all permits,  
40 insurance policies or bonds required by chapter 70.77 RCW, and permit fees prescribed

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1 by SCC 30.86.430.

2 (2) The application must be signed by the applicant whenever the applicant is a  
3 person defined by RCW 70.77.190, except that an individual, an authorized principal or  
4 lawful officer shall sign the application and provide a principal's or an agent's name and  
5 street address upon whom lawful process of service may be made.

6 **30.53A.706 Fireworks permit - grant or deny.**

7 The fire marshal shall investigate all matters which may aid in determining whether to  
8 grant or deny any fireworks permit, except that a fireworks storage permit shall not be  
9 granted until prior written approval of the local fire district official has been obtained for  
10 any proposed storage area and/or facility.

11 **30.53A.710 Retailers of fireworks - sales locations.**

12  
13 Retail fireworks shall only be sold within the following structures:

14  
15 (1) Roadside stands and tents;

16  
17 (2) Buildings used for no purpose other than the retail sale of fireworks; or

18 (3) Buildings that have been approved by the fire marshal when the fireworks are  
19 displayed such that members of the general public cannot handle them.

20 **30.53A.712 Retailers of fireworks.**

21 It is a violation of this chapter for a person to perform any of the following activities  
22 under an issued retail sale permit:

23 (1) Sell common fireworks within this county except as provided in SCC 30.53A.710;

24 (2) Employ any person under 16 years of age for the purpose of selling or handling  
25 common fireworks;

26 (3) Sell or transfer any common fireworks to a consumer or user other than at a fixed  
27 place of business for which a permit has been obtained; or

28 (4) Engage in any other fireworks activity covered under this chapter without  
29 obtaining a proper permit.

30  
31 **30.53A.714 Retailer of fireworks - signage, closure, and extinguishers.**

32 (1) Approved "No Smoking Within 25 Feet" signs shall be posted at conspicuous  
33 locations designated by the local inspection authority. Each sign shall have the words  
34 "No Smoking" in red letters at least two inches in height on a white background. Metal  
35 signs may be used in locations exposed to the weather, but all signs shall be  
36 maintained in a legible condition.

37 (2) Each retail fireworks location shall have at least two water-type extinguishers of at  
38 least two and one half gallon capacity or alternate equipment deemed equivalent by the  
39 office of the fire marshal.

1 (3) During the hours that a fireworks stand or location is not open for business, it shall  
2 be closed and locked unless all fireworks have been removed.

3 **30.53A.716 Unsold retail stocks of fireworks.**

4 It is a violation of this chapter for any person to sell stocks of fireworks remaining unsold  
5 after the lawful period of sale as provided in the permit. Unsold retail stocks of fireworks  
6 remaining after the authorized sales period from 12:00 noon on June 28 to 12:00 noon  
7 on July 5 each calendar year shall be returned on or before July 31 of that same  
8 calendar year to an approved storage facility of a licensed fireworks wholesaler, or to a  
9 magazine or storage place approved by the fire marshal.

10 **30.53A.718 Public display - general.**

11 It is a violation of this chapter for any person to:

12 (1) Conduct a public display of fireworks that is of a character and so located,  
13 discharged or fired that it is hazardous or dangerous to persons or property;

14 (2) Conduct a public display of fireworks without a licensed pyrotechnic operator  
15 supervising the handling of the special fireworks;

16 (3) Employ a person under 21 years of age to handle or assist in any manner in the  
17 detonation of any special fireworks; or

18 (4) Engage in any other fireworks activity covered under this chapter without  
19 obtaining the proper permit.

20 **30.53A.720 Public display - disposal of unfired fireworks.**

21 Any fireworks that remain unfired after a public display is concluded shall be  
22 immediately disposed of by a safe method that is appropriate for the each type of  
23 remaining fireworks.

24 **30.53A.722 Common fireworks - retail sale or discharge.**

25 Except as otherwise provided by law, no common fireworks shall be sold at retail except  
26 from 12:00 noon on June 28 to 12:00 noon on July 5<sup>th</sup> each year. No common fireworks

27 shall be discharged except from 9:00 a.m. to 11:59 p.m. on the 4th day of July of each  
28 year. No common fireworks may be sold at retail or discharged between the hours of  
29 11:00 p.m. and 9:00 a.m. except as allowed otherwise in this section.

30  
31 Section 6. Severability and Savings. If any section, sentence, clause or  
32 phrase of this ordinance shall be held to be invalid or unconstitutional by a court of  
33 competent jurisdiction, such invalidity or unconstitutionality shall not affect the validity or  
34 constitutionality of any other section, sentence, clause, or phrase of this ordinance.  
35 Provided, however, that if any section, sentence, clause, or phrase of this ordinance is  
36 held to be invalid by a court of competent jurisdiction, then the section, sentence,  
37 clause, or phrase in effect prior to the effective date of this ordinance shall be in full

1 force and effect for that individual section, sentence, clause, or phrase as if this  
2 ordinance had never been adopted.

3  
4 PASSED this 5<sup>th</sup> day of Sept, 2007.  
5  
6

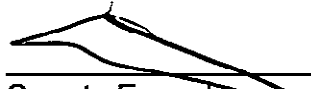
7 SNOHOMISH COUNTY COUNCIL  
8 Snohomish County, Washington  
9

10  
11   
12 Chairperson  
13

14 ATTEST:

15  
16   
17 Asst. Clerk of the Council  
18  
19

20 ☒ APPROVED  
21 ☐ EMERGENCY  
22 ☐ VETOED  
23

24  
25   
26 for County Executive  
27 9/11/07 Date  
28

29 ATTEST:

30  
31   
32  
33

MARK SOINE  
Deputy Executive

34 Approved as to form:

35  
36  7/30/07  
37 Deputy Prosecuting Attorney  
38

D-16