

Dear Senators BAIR, SIDDOWNAY, Stennett, and  
Representatives GIBBS, Gestrin, Erpelding:

The Legislative Services Office, Research and Legislation, has received the enclosed rules of the  
Idaho Department of Lands:

IDAPA 20.04.01 - Rules Pertaining to Forest Fire Protection - Proposed Rule (Docket No.  
20-0401-1701).

Pursuant to Section 67-454, Idaho Code, a meeting on the enclosed rules may be called by the  
cochairmen or by two (2) or more members of the subcommittee giving oral or written notice to Research  
and Legislation no later than fourteen (14) days after receipt of the rules' analysis from Legislative  
Services. The final date to call a meeting on the enclosed rules is no later than 08/24/2018. If a meeting is  
called, the subcommittee must hold the meeting within forty-two (42) days of receipt of the rules' analysis  
from Legislative Services. The final date to hold a meeting on the enclosed rules is 09/24/2018.

The germane joint subcommittee may request a statement of economic impact with respect to a  
proposed rule by notifying Research and Legislation. There is no time limit on requesting this statement,  
and it may be requested whether or not a meeting on the proposed rule is called or after a meeting has  
been held.

To notify Research and Legislation, call 334-4834, or send a written request to the address on the  
memorandum attached below.



Eric Milstead  
Director

# Legislative Services Office

## Idaho State Legislature

*Serving Idaho's Citizen Legislature*

### MEMORANDUM

**TO:** Rules Review Subcommittee of the Senate Resources & Environment Committee and the House Resources & Conservation Committee

**FROM:** Deputy Division Manager - Katharine Gerrity

**DATE:** August 08, 2018

**SUBJECT:** Idaho Department of Lands

IDAPA 20.04.01 - Rules Pertaining to Forest Fire Protection - Proposed Rule (Docket No. 20-0401-1701)

#### Summary and Stated Reasons for the Rule

The Idaho Department of Lands submits notice of proposed rulemaking at IDAPA 20.04.01 - Rules Pertaining to Forest Fire Protection. According to the department, the rulemaking amends select fire protection standards and introduces new fire protection standards. The department states that during the 2015 fire season it worked with forest landowners, logging contractors, forest industry representatives and others to develop and implement fire protection best practices to lessen the risk of fire starts from forest operations on forest lands. The department adds that post-fire season reviews were conducted to discuss the effectiveness of the fire protection best practices and it now needs to update standards. The department states that additional follow-up meetings were held in 2016 and 2017 and negotiated rulemaking took place. Finally, the department notes that it also is introducing new fire protection requirements for forest operation activities involving cable logging operations and the use of metal tracked harvesters to include on-site water supply, fire watch service and operation area fire prevention practices.

#### Negotiated Rulemaking / Fiscal Impact

Negotiated rulemaking was conducted. The department notes that no fiscal impact is anticipated.

#### Statutory Authority

The department states that there is an incorporation by reference of the spark arrester standards established by the 2012 San Dimas Technology & Development Center publications titled Spark Arrester Guide - General Purpose and Locomotive, Spark Arrester Guide - Multiposition Small Engine and Spark Arrester Guide - Off Highway Vehicles, as the fire protection standards for internal combustion engines operating within the forest environment. The rulemaking appears to be authorized pursuant to Chapter 1, Title 38, Idaho Code, including Section 38-132, Idaho Code, and Chapter 4, Title 38, Idaho Code, including Section 38-402, Idaho Code.

Kristin Ford, Manager  
Research & Legislation

Paul Headlee, Manager  
Budget & Policy Analysis

April Renfro, Manager  
Legislative Audits

Glenn Harris, Manager  
Information Technology

cc: Idaho Department of Lands  
Amy Johnson

**\*\*\* PLEASE NOTE \*\*\***

Per the Idaho Constitution, all administrative rules must be reviewed by the Legislature during the next legislative session. The Legislature has 3 options with this rulemaking docket: **1)** Approve the docket in its entirety; **2)** Reject the docket in its entirety; or **3)** Reject the docket in part.

**IDAPA 20 – IDAHO DEPARTMENT OF LANDS**

**20.04.01 – RULES PERTAINING TO FOREST FIRE PROTECTION**

**DOCKET NO. 20-0401-1701**

**NOTICE OF RULEMAKING – PROPOSED RULE**

**AUTHORITY:** In compliance with Section 67-5221(1), Idaho Code, notice is hereby given that this agency has initiated proposed rulemaking procedures. The action is authorized pursuant to Title 38, Chapter 1, including section 38-132, Idaho Code, and Title 38, Chapter 4, including section 38-402, Idaho Code.

**PUBLIC HEARING SCHEDULE:** Public hearings concerning this rulemaking will be held as follows:

<b>PUBLIC HEARINGS ON PROPOSED RULE</b>		
<b>Tuesday, August 7, 2018 5:00 p.m. (MDT)</b>	<b>Wednesday, August 8, 2018 5:00 p.m. (PDT)</b>	<b>Thursday, August 9, 2018 5:00 p.m. (PDT)</b>
<b>Hunt Lodge - Holiday Inn 210 N. 3rd Street McCall, ID 83638</b>	<b>Helgeson Place Hotel Suites 125 Johnson Ave. Orofino, ID 83544</b>	<b>IDL Mica Supervisory Area Office 3528 W. Industrial Loop Coeur d’Alene, ID 83815</b>

The hearing sites will be accessible to persons with disabilities. Requests for accommodation must be made not later than five (5) days prior to the hearing, to the agency address below.

**DESCRIPTIVE SUMMARY:** The Idaho Department of Lands is preparing to amend select fire protection standards and introduce new fire protection standards to IDAPA 20.04.01, “Rules Pertaining to Forest Fire Protection,” specific to forest operation activities conducted on forest lands. During the 2015 fire season, the Department worked with forest landowners, logging contractors, forest industry representatives, and others to develop and implement fire protection best practices to lessen the risk of fire starts from forest operations on forest lands. Post-fire season reviews were conducted to discuss the effectiveness of the fire protection best practices and the need to update specific standards in IDAPA 20.04.01, “Rules Pertaining to Forest Fire Protection.”

After further review of those Rules and follow-up meetings in 2016 and 2017 with fire managers, forest landowners, logging contractors, and forest industry representatives, the Department entered into negotiated rulemaking to develop fire protection standards specific to forest operations. At the conclusion of negotiated rulemaking, the Department determined a need to enter into proposed rulemaking to amend the fire protection requirements for following sections: Spark Arresters; Fire Tools and Fire Extinguishers; and Fire Crews. In addition, the Department will introduce new fire protection requirements for forest operation activities involving cable logging operations and the use of metal tracked harvesters to include on-site water supply, fire watch service and operation area fire prevention practices.

**FEE SUMMARY:** There are no imposed fees or charges to the public associated with the administration of the proposed rule.

**FISCAL IMPACT:** No fiscal impact to the state general fund is anticipated as a result of this rulemaking.

**NEGOTIATED RULEMAKING:** Pursuant to Section 67-5220(1), Idaho Code, negotiated rulemaking was conducted. The Notice of Intent to Promulgate Rules – Negotiated Rulemaking was published in the October 4, 2017 Idaho Administrative Bulletin, [Vol 17-10, page 334](#).

**INCORPORATION BY REFERENCE:** Pursuant to Section 67-5229(2)(a), Idaho Code, the following is a brief synopsis of why the materials cited are being incorporated by reference into this rule: The Department will adopt the spark arrester standards established by the 2012 San Dimas Technology & Development Center (SDTDC) publications titled Spark Arrester Guide – General Purpose and Locomotive (GP/ Loco), Spark Arrester Guide – Multiposition Small Engine (MSE) and Spark Arrester Guide – Off Highway Vehicles (OHV) as the fire protection

standard for internal combustion engines operating within the forest environment. Due to the length of these publications, incorporating the full text of these documents into the rule would impose a significant financial burden to the Department for rule publication purposes. Electronic copy of these publications are available for review at the following website: [https://www.fs.fed.us/t-d/programs/fire/spark\\_arrester\\_guides/index.htm](https://www.fs.fed.us/t-d/programs/fire/spark_arrester_guides/index.htm).

Printed copies or bound copies may be viewed at any Idaho Department of Lands District Office or requested through SDTDC, 444 E. Bonita Ave., San Dimas, CA 91773.

**ASSISTANCE ON TECHNICAL QUESTIONS, SUBMISSION OF WRITTEN COMMENTS:** For assistance on technical questions concerning the proposed rule, contact JT Wensman, Bureau Chief – Fire Management (208) 769-1525. Materials pertaining to the proposed rulemaking, including any available preliminary rule drafts, can be found on the Idaho Department of Lands website at the following web address: <https://www.idl.idaho.gov/rulemaking/20.04.01/index.html>.

Submission of written comments regarding this proposed rulemaking should be directed to the undersigned or to the Idaho Department of Lands website at the website address as noted and must be delivered on or before August 22, 2018.

DATED this 1st day of August, 2018.

JT Wensman  
Bureau Chief, Fire Management Bureau  
Idaho Department of Lands  
3284 W. Industrial Loop  
Coeur d’Alene, ID 83815  
Phone: (208) 666-8650  
Fax: (208) 769-1524

**THE FOLLOWING IS THE PROPOSED TEXT OF DOCKET NO. 20-0401-1701**  
**(Only Those Sections With Amendments Are Shown.)**

**000. AUTHORITY.**

~~These rules are adopted pursuant to the rulemaking authority granted in~~ This chapter is adopted under the legal authority of Sections 38-115, 38-132, 38-402, 58-104(6), 58-105, and 67-5201 et seq., Idaho Code. (10-28-91)( )

**001. TITLE AND SCOPE.**

**01. Title.** These rules shall be cited as IDAPA 20.04.01, “Rules Pertaining to Forest Fire Protection.” ( )

**02. Scope.** These rules govern requirements pertaining to forest fire protection. ( )

**002. WRITTEN INTERPRETATION.**

The Idaho Department of Lands maintains written interpretations of its rules that may include, but not be limited to, written procedures manuals and operations manuals, Attorney General’s formal and informal opinions, and other written guidance that pertain to the interpretation of the rules of this chapter. Copies of the procedures manuals and operations manuals, Attorney General’s opinions, and other written interpretations, if applicable, are available for public inspection and copying at the main office of the Idaho Department of Lands. ( )

**003. ADMINISTRATIVE APPEALS.**

Any person aggrieved by any final decision or order of the BOARD shall be entitled to judicial review pursuant to the provisions of Title 67, Chapter 52, Idaho Code, (the Administrative Procedure Act) and IDAPA 20.01.01.000, et seq., "Rules of Practice and Procedure Before the State Board of Land Commissioners." ( )

**004. INCORPORATION BY REFERENCE.**

**01. Incorporated Document.** IDAPA 20.04.01 adopts and incorporates by reference the full text of the following documents published by the San Dimas Technology & Development Center (SDTDC). ( )

**a.** Spark Arrester Guide – General Purpose and Locomotive (GP/Loco), Volume 1, September 2012, 1251 1809-SDTDC. ( )

**b.** Spark Arrester Guide – Multiposition Small Engine (MSE), Volume 2, August 2012, 1251 1808-SDTDC. ( )

**c.** Spark Arrester Guide – Off- Highway Vehicles (OHV), Volume 3, April 2012, 1251 1805-SDTDC. ( )

**02. Printed and Bound Copies.** Printed copies or bound copies may be viewed at any District Office or requested through SDTDC, 444 E. Bonita Ave, San Dimas, 91773. ( )

**005. OFFICE – OFFICE HOURS – MAILING ADDRESS AND STREET ADDRESS.**

The principal place of business of the Idaho Department of Lands is in Boise, Idaho. The office is located at 300 North 6th Street, Suite 103, Boise, Idaho and is open from 8 a.m. to 5 p.m., except Saturday, Sunday, and legal holidays. The mailing address is: Idaho Department of Lands, P.O. Box 83720, Boise, ID 83720-0050. The telephone number is 208-334-0200. ( )

**006. PUBLIC RECORDS ACT COMPLIANCE.**

This rule is subject to and in compliance with the provisions the Public Records Act, Title 74, Chapter 1, Idaho Code. ( )

~~007.~~ -- 009. (RESERVED)

**010. DEFINITIONS.**

**01. Block.** A piece of logging equipment where steel rope or cable is actively turning the block's pulley and used as part of a cable logging/yarding system for the specific purposes of establishing tail hold anchor points, intermediate support of main lines, or carriage haul-back capability for the purposes of yarding or hauling of logs to a log landing for transportation to a mill or processing facility. ( )

**02. Cable or Cable Assisted Logging.** A harvest system for felling or yarding of forest product materials consisting of the use of a cable assisted harvester or the use of a yarder, spar tree, or intermediate support with motorized or non-motorized carriage to transport logs to the landing for further processing purposes. ( )

**03. Closed Fire Season.** The period from May 10 to October 20, inclusive, of each year or as designated by the Director due to conditions of unusual fire danger pursuant to Section 38-115, Idaho Code. ( )

~~014.~~ **Department.** The Idaho Department of Lands ~~located at 300 North 6th Street, Suite 103, Boise, ID, P.O. Box 83720, Boise, ID 83720-0050.~~ (10-28-91)( )

**025. Director.** The director of the Idaho Department of Lands or his authorized representative. (10-28-91)

~~036.~~ **District.** A designated forest protective district. (10-28-91)

~~047.~~ **Fire Warden.** A duly appointed fire warden or deputy. (10-28-91)

**058. Forest Land.** Any land which has upon it sufficient brush or flammable forest growth of any kind or size, living or dead, standing or down, including debris or growth following a fire or removal of forest products, to constitute a fire menace to life (including animal) or property. (10-28-91)

**09. Forest Operation.** An activity or service conducted on forest lands involving any of the operations as described below where a Certificate of Compliance is required pursuant to Section 38-122, Idaho Code. ( )

**a.** The harvesting of trees using equipment that includes, but is not limited to, felling, bucking, yarding, delimiting, and decking operations; ( )

**b.** Thinning or mastication operations for stand improvement, stand density management or fuel reduction purposes; ( )

**c.** Road construction or reconstruction of existing roads including installation or improvement of bridges, culverts or structures; and ( )

**d.** Slash management including chipping, grinding, or other mechanized reduction activities. ( )

**10. Metal-Tracked Harvester.** Any machine with metal tracks used to fall, bunch or process trees into forest products at the stump. ( )

**11. Operator.** A person who conducts a forest operation. ( )

**12. Operating Area.** That area where a forest operation is taking place. ( )

**0613. Person.** Includes any person or persons, and any corporation, firm or other entity. (10-28-91)

**0714. Range Land.** Any land that is not cultivated and that has upon it native grasses or other forage plants making it best suited for grazing of domestic and wild animals and which land is adjacent to or intermingled with forest land. (10-28-91)

**0815. Slash.** Brush, severed limbs, poles, tops and/or other waste material incident to such cutting or to the clearing of land that are four (4) inches and under in diameter. (10-28-91)

**0916. State.** State of Idaho. (10-28-91)

**011. -- 0219. (RESERVED)**

**020. VARIANCE.** If conditions or activities require the application of practices that differ from those prescribed in these rules, the Operator must obtain a variance prior to employing any of those differing practices. ( )

**01. Obtaining a Variance.** In order to obtain a variance, the Operator must submit a written request for a variance to the local Fire Warden. The request shall include the following: ( )

**a.** A description of the specific Operating Area where the variance is being requested; ( )

**b.** The particular conditions that necessitate a variance; ( )

**c.** A detailed description of the alternative practice; and ( )

**d.** A detailed description of how the alternate practice, if applied, will provide fire protection that is equal to or greater than the fire protection provided by the standards set forth in these rules. ( )

**02. Department Response to Request for Variance.** Within five (5) business days from receipt of the variance request, the Department shall evaluate the request and notify the Operator in writing of the Department's determination to allow or disallow the variance request. ( )

**021.** -- 029. (RESERVED)

**(BREAK IN CONTINUITY OF SECTIONS)**

**080. SPARK ARRESTERS.**

**01. Requirements.** The steam or internal combustion engines referred to in Section 38-121, Idaho Code, shall be equipped with properly installed, maintained, and effectively working spark arresters ~~as categorized below:~~ that comply with the standards set forth in the San Dimas Technology and Development Center's "Spark Arrester Guide"(s). (10-28-91)(    )

~~**a. Railroad Locomotives.** The spark arrester must be eighty percent (80%) efficient in retention or destruction of all carbon particles twenty three thousandths (.023) inch in diameter or larger for twenty to one hundred percent (20%-100%) of the locomotive engine's exhaust flow rate. The total manifold exhaust leg-back pressure cannot exceed three (3) inches of mercury. (10-28-91)~~

~~**b. Portable Power Saws.** The spark arrester shall meet the standards set forth in the Society of Automotive Engineers (SAE) Recommended Practice J335b, "Multi-position Small Engine Exhaust System Fire Ignition Suppression." and be listed in the most recent "Spark Arrester Guide" as having been approved as meeting above standard. Copies of the "Spark Arrester Guide" may be viewed at offices of the Department. (10-28-91)~~

~~**c. Other Engines.** The spark arrester shall meet the standards set forth in the publication of the USDA Forest Service, entitled "Standard 5100-1a for Spark Arresters of Internal Combustion Engines," as amended under date of July 1970, and be listed in the most recent "Spark Arrester Guide" as having been approved as meeting above standard. Copies of the "Spark Arrester Guide" may be viewed at offices of the Department. (10-28-91)~~

**02. Exemptions.** The following are exempt from the requirements of the rule: (10-28-91)

**a.** Turbo-charged internal combustion engines in which one hundred percent (100%) of the exhaust gases pass through the turbo-charger. (10-28-91)

**b.** Engines of passenger-carrying vehicles and light trucks, equipped with baffle-type muffler and tailpipe through which all exhaust gasses pass, that are kept in good repair. (10-28-91)

**c.** Engines of heavy-duty trucks equipped with a vertical exhaust stack and muffler extending above the cab of the vehicle. (10-28-91)

**d.** Engines of water pumping equipment used in firefighting. (10-28-91)

**e.** Engines of helicopters and other aircraft. (10-28-91)

**(BREAK IN CONTINUITY OF SECTIONS)**

**100. FIRE TOOLS AND FIRE EXTINGUISHERS.**

During closed fire season the following fire tool requirements shall apply: (10-28-91)

**01. Basic Fire Cache.** Every ~~person or entity~~ Operator engaged in any ~~activity in forests of the state~~ Forest Operation on Forest Lands shall have available for firefighting purposes ~~one (1) basic fire cache for each ten (10) persons so engaged. A basic fire cache shall consist of two (2) axes, five (5) shovels, three (3) pulaski tools, and two (2) water buckets, all in good condition and located at a point immediately accessible for firefighting purposes. The fire cache tools shall be contained in a closed box marked "FOR FIRE USE ONLY." the number of tools and tool boxes set forth in Table 1. A Forest Operation having more than ten (10) people must use multiples of any of the~~



columns in the table to arrive at a tool distribution equal to or in excess of the number of people in the Forest Operation.

<u>People in Operation</u>	<u>2 - 5</u>	<u>6 - 8</u>	<u>9 - 10</u>
<u>Tool Box</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>Shovels</u>	<u>2</u>	<u>4</u>	<u>5</u>
<u>Pulaskis</u>	<u>2</u>	<u>4</u>	<u>4</u>
<u>5 gallon pump cans or bladder bags</u>	<u>1</u>	<u>1</u>	<u>2</u>

(10-28-91)( )

**a.** The tool boxes required by this rule shall be clearly marked “FOR FIRE USE ONLY”; and ( )

**b.** The tools required by Subsection 100.01 shall be in a location immediately accessible for firefighting purposes, maintained in a serviceable condition and be fully functional at the time of deployment. ( )

**02. Warming Fires or Campfires.** Except when in designated developed campgrounds or when traveling as a pedestrian, all persons or parties igniting warming fires or campfires shall be equipped with the following: (10-28-91)

**a.** One (1) serviceable shovel at least twenty-four (24) inches in overall length with six (6) inch or wider blade. (10-28-91)

**b.** One (1) water container, capacity one (1) gallon or more ~~(motorcycle crash helmets qualify).~~ (10-28-91)( )

~~**03. Motorcycles, Trailbikes.** The above fire tool requirements in section 02(a) and 02(b) apply to all operators of motorcycles, trail bikes, all-terrain vehicles, and similar type motorized vehicles, and persons traveling with pack animals. (10-28-91)~~

**043. Power Equipment.** Each unit of mobile or stationary power equipment other than portable power saws, trail bikes, motorcycles, all-terrain vehicles and similar type vehicles operating on forest lands of the state shall be equipped with a minimum of one (1) chemical fire extinguisher rated by the Underwriters Laboratory as not less than 4-BC. (10-28-91)

**054. Portable Power Saw.** Any person using a portable power saw on forest land in the state shall have the following immediately available for the prevention and suppression of fire: (10-28-91)

**a.** A fully charged operable fire extinguisher of at least eight (8) ounce minimum capacity. (10-28-91)

**b.** A serviceable round-pointed size zero (0) or larger shovel. (10-28-91)

**101. -- 109. (RESERVED)**

**110. FIRE CREWS.**

On all activities on forest lands of the state, When engaged in a Forest Operation on Forest Lands during closed fire season, the person responsible for ~~same~~ the Forest Operation shall designate a fire crew and a fire foreman, with powers to act for ~~his~~ their employer, to take immediate initial action within the scope of their knowledge, skills and abilities and make a reasonable effort to suppress any fire starting on the activity area. Any or all personnel shall be at all times in readiness and immediately shall go to any fire which originates on the operation, with or without instructions Operating Area without compromising the safety of the crew. (10-28-91)( )

(BREAK IN CONTINUITY OF SECTIONS)

121. -- 129. (RESERVED)

**130. WATER SUPPLY AND EQUIPMENT.**

Every Operator conducting a Forest Operation using a cable logging system or a metal tracked harvester during the period of July 1st through September 30th annually shall provide the following water supply and fire suppression equipment in the Operating Area. ( )

**01. Water Supply.** ( )

**a.** The water supply must consist of a self-propelled motor vehicle or trailer equipped with a water tank containing not less than two hundred (200) gallons of water. ( )

**b.** Trailers used for this purpose shall be equipped with a functional hitch attachment and have a serviceable tow vehicle immediately available to provide for timely fire suppression response. ( )

**02. Water Delivery.** ( )

**a.** Water pump. The size and capacity of the water pump must be sufficient to provide a discharge of not less than twenty (20) gallons per minute when pumping through fifty (50) feet of hose of not less than three quarter (3/4) inch inside diameter with an adjustable nozzle at pump level. ( )

**b.** Hose and nozzle. The Operator must have at least five hundred (500) feet of serviceable hose of not less than three quarter (3/4) inch inside diameter and a nozzle. ( )

**03. Readiness.** ( )

**a.** All hose, motor vehicles, trailers, tanks, nozzles and pumps shall be kept ready for immediate use during active operations, including fire watch service as set forth in Section 140 of these rules. ( )

**b.** The water supply, pump, a minimum of two hundred (200) feet of hose packaged in a suitable manner for immediate deployment, and the nozzle shall be maintained as a connected, operating unit ready for immediate use. ( )

**04. Water Supply and Equipment Exemption.** A Forest Operation conducted under an Option 1 Certificate of Compliance is exempt from the water supply and equipment requirements of Section 130. ( )

131. -- 139. (RESERVED)

**140. FIRE WATCH SERVICE.**

Every Operator engaged in a Forest Operation within a Stage 2 proclamation area shall provide Fire Watch Service in the Operating Area. ( )

**01. Duties and Requirements.** Fire Watch Service shall consist of at least one (1) person who shall: ( )

**a.** Constantly be on duty for three (3) hours after all power-operated equipment has been shut down for the day. ( )

**b.** Visually observe the Operating Area where activity occurred during the day. ( )

**c.** Have adequate equipment for transportation and communications to summon fire-fighting assistance in a timely manner; and ( )

d. Immediately respond to any fire in the Operating Area to initiate such fire suppression actions to suppress the fire within the scope of their knowledge, skills and abilities. ( )

02. Fire Watch Service Exemption. A Forest Operation conducted under an Option 1 Certificate of Compliance is exempt from the fire watch service requirements of Section 140. ( )

**141. -- 149. (RESERVED)**

**150. OPERATION AREA FIRE PREVENTION.**

To prevent the spread of fire on or from an Operating Area, every Operator conducting a Forest Operation during the period of July 1st through September 30th, annually, shall comply with the following precautions: ( )

01. Cable or Cable Assisted Logging. The following practices and equipment are required by the operator when conducting a cable logging operation on forest land. ( )

a. Clear the ground of all flammable debris for not less than ten (10) feet slope distance from the point directly below any block. ( )

b. Prevent moving lines from rubbing on rock or woody material in such a way to cause sparks or sufficient heat that may cause fuel ignition. ( )

c. Provide a water supply that complies with the capacity, pump, hose, nozzle and readiness requirements set forth in Section 130 of these rules. ( )

d. Provide at each Block: ( )

i. One (1) pump equipped can or bladder containing not less than five (5) gallons of water; and( )

ii. One (1) round pointed size zero (0) or larger shovel in a serviceable condition. ( )

**151. -- 999. (RESERVED)**