

# FIRE EQUIPMENT SELF-INSPECTION FORM

Oregon Department of Forestry, Klamath/Lake District  
Walker Range Patrol Association

## FOR EACH OPERATION AREA

- HAND TOOLS - Provide at least 1 tool per person with a minimum of 4 tools per operation area. Tools are to be kept in good repair for firefighting only and stored in a TOOL BOX clearly identified as containing firefighting tools. In general, there should be an equal mix of cutting tools (axe or Pulaski) to digging tools (shovel, hazel hoe, or Pulaski).
- WATCHMAN SERVICE -
  - 1) Watchman shall be on duty for 3 hours after the power driven machinery used by the operator has been shut down for the day or that period of time designated by the forester. For KLD and WRPA: Low - 1 hr., Moderate - 2 hr., High + - 3 hr.
  - 2) Watchman shall visually observe all portions of the operation area on which operation activity has occurred during the day.
  - 3) Watchman shall be physically capable and experienced to operate firefighting equipment.
  - 4) Watchman shall have adequate facilities for transportation and communications in order to be able to summon assistance.
- WATER SUPPLY AND DELIVERY EQUIPMENT - Provide a water supply and water delivery equipment, kept ready for immediate use, at each operation area where power driven machinery (except hand held power saw) is used.
  - 1) Water supply shall be a self-propelled motor vehicle with at least 300 gallons, or at least 500 gallons if not self-propelled.
  - 2) Pump capable of discharging not less than 20 gallons/minute when pumping through 50' of hose and a ¼" nozzle at pump level.
  - 3) Provide at least 500' of hose not less than ¾" inside diameter and a nozzle.
  - 4) Water supply, pump, at least 250' hose, and nozzle shall be maintained as a connected, operating unit ready for immediate use.

## FOR EACH INTERNAL COMBUSTION ENGINE INVOLVED WITH AN OPERATION (includes trucks)

- SPARK ARRESTERS / EXHAUST SYSTEMS - All internal combustion engines shall be equipped and maintained with a spark arrester in good working condition, and that is listed in the most recent edition of the NWCG publication entitled "Spark Arrester Guide", except:
  - 1) Fully turbo-charged engines which are maintained in good operating condition;
  - 2) Engines in motor vehicles operating on public roads equipped with a muffler and exhaust system;
  - 3) Water pumping equipment used exclusively for firefighting (trucks hauling equipment are not exempt);
  - 4) Engines, except ATV and motorcycle, of 50 cubic inch displacement or less equipped with muffler and exhaust system;
  - 5) Engines in heavy trucks equipped with a muffler and exhaust system, which extend at least to the end of the truck frame and discharge to the rear; or extends above the cab of the truck and discharges upward or to rear.
  - 6) Engines in ATV's and motorcycles which are equipped with a muffler and a exhaust system; or a screen which encloses exhaust system and is resistant to heat and corrosion, openings less than .023".
- EXTINGUISHERS - Each internal combustion engine, except power saws, shall be equipped with one 2½ pound size A, B, C rated fire extinguisher approved by a nationally recognized testing laboratory kept ready for immediate use.

## FOR EACH TRUCK (includes pick-up trucks)

- FIRE TOOLS AND EXTINGUISHERS
  - 1) At least one round point shovel which has a face not less than 8" wide and a handle not less than 26" long; and
  - 2) At least one pulaski or axe which has a handle not less than 26" long; and
  - 3) At least one 2½ pound size A B C rated fire extinguisher approved by a nationally recognized testing laboratory.

## POWER SAWS (hand held)

- EXHAUST SYSTEMS - Each power saw must be equipped and maintained with a spark arrester and other fire prevention equipment that is listed in the most recent edition of the NWCG publication entitled "Spark Arrester Guide". Generally a non-modified saw with an adequate exhaust screen will meet these specifications.
- TOOLS AND EXTINGUISHERS – kept immediately available.
  - 1) At least one round point shovel which has a face not less than 8" wide and a handle not less than 26" long; and
  - 2) A fire extinguisher of at least 8 oz. capacity.
  - 3) The power saw must stopped during fueling and moved at least 20' from the place of fueling before it is started.

## FOR CABLE YARDING OPERATIONS

- LOGGING LINES - Do not permit moving lines to rub on rock or woody material in such a way to cause sparks or sufficient heat that may cause ignition of fire.
- BLOCKS – For each block that guides a moving line :
  - 1) Clear ground of all flammable debris for not less than 10' slope distance from point directly below block; and
  - 1) Provide at least one pump equipped can or bladder containing not less than 5 gallons of water; and
  - 2) Provide at least one round point shovel, which has a face not less than 6-8" wide, and a handle not less than 26" long.

WAIVERS - The forester may reduce or waive, in written order, these requirements if conditions so warrant or to take advantage of alternate methods or equipment proposed by the operator which provide equal or better prevention or suppression of fire.