

## Industrial Fire Precaution Levels (IFPLs) for Oregon Department of Forestry Protection west of the Cascades

### New in 2017

#### IFPL I. Fire Season

Fire season requirements are in effect. In addition to other fire prevention measures, a Firewatch is required at this and all higher levels unless otherwise waived.

#### IFPL II. Limited Shutdown

The following may operate only between the hours of 8 P.M. and 1 P.M.:

- ◆ Power saws except at loading sites;
- ◆ **Feller-bunchers with rotary head saws;**
- ◆ Cable yarding;
- ◆ Blasting;
- ◆ Welding, cutting, or **grinding** of metal.



#### IFPL III. Restricted Shutdown

The following is prohibited except as indicated:

- ◆ Cable yarding - except that gravity operated logging systems employing non-motorized carriages or **approved motorized carriages (defined below)**, may operate between 8 P.M. and 1 P.M. when all blocks and moving lines are suspended 10 feet above the ground except the line between the carriage and the chokers and during rigging.

The following are permitted to operate between the hours of 8 P.M. and 1 P.M. where mechanized equipment capable of constructing fire line is immediately available to quickly reach and effectively attack a fire start:

- ◆ **Ground-based operations (defined below);**
- ◆ **Power saws on ground-based operations;**
- ◆ **Rotary head saw feller-bunchers with a continuous Firewatch;**
- ◆ **Non-rotary head saw feller-bunchers;**
- ◆ **Tethered logging systems (defined below).**



The following are permitted to operate between the hours of 8 P.M. and 1 P.M.:

- ◆ Power saws at loading sites;
- ◆ Loading or hauling of any product or material;
- ◆ Blasting;
- ◆ Welding, cutting, or **grinding** of metal;
- ◆ Any other spark emitting operation not specifically mentioned.

#### IFPL IV. Complete Shutdown

All operations are prohibited.

NOTE: Where hauling involves transit through more than one shutdown/regulated use area, the precaution level at the woods loading site shall govern the level of haul restriction, unless otherwise prohibited by other than the IFPL system. Under IFPL III, all trucks must be loaded and leaving the loading site no later than 1 P.M.

#### IFPL Definitions

**Approved motorized carriage:** a cable yarding system employing a motorized carriage with two fire extinguishers, each with at least a 2A:10BC rating, mounted securely on opposite sides of the carriage, an emergency motor cutoff, and an approved exhaust system.

**Cable yarding system:** a yarding system employing cables, and winches in a fixed position.

**Fire Season:** that season of the year when a fire hazard exists as declared by the responsible agency official.

**Ground-based operations:** mobile and stationary equipment operations other than cable yarding systems, including but not limited to tractor/skidder, feller-buncher, forwarder, processor, and shovel operations.

**Loading sites:** a place where any product or material (including, but not limited to logs, firewood, slash, soil, rock, poles, etc.) is placed in or upon a truck or other vehicle. loading site shall govern the level of haul restriction, unless otherwise prohibited by other than the industrial precaution level system.

**Tethered logging system:** winch-assisted, cable-assisted, traction-assisted, etc., which enable ground-based timber harvesting machines to operate on steep slopes.

**Waivers**

Waivers, written in advance, may be used for any and all activities. Activities for which waivers may be issued include, but are not limited to:

- ◆ mechanized loading and hauling.
- ◆ road maintenance such as sprinkling, graveling, grading and paving.
- ◆ cable yarding using gravity systems or suspended lines and blocks, or other yarding systems where extra prevention measures will significantly reduce the risk of fire.
- ◆ power saws at loading sites or in felling and bucking where extra prevention measures will significantly reduce the risk of fire.
- ◆ maintenance of equipment (other than metal cutting and welding) or improvements such as structures, fences and powerlines.

**Best Management Practices for Forest Operations Checklist**

- ◆ Assure good communications are established with protection district.
- ◆ Keep all equipment clean of flammable material and debris.
- ◆ Utilize and keep in good working condition manufacturer recommended non-sparking clamping jaws on braking systems on carriages.
- ◆ Clean out spark arrester ports.
- ◆ Hydraulic and fuel lines are in good condition.
- ◆ Battery hold-downs are in good repair and positive terminal is insulated;
- ◆ Electrical wiring and circuit breakers are in good working order according to manufacturer specifications;
- ◆ Pumps and fire trucks are in good working condition;
- ◆ Line rub is eliminated;
- ◆ Where possible, and when not in use, park equipment overnight in location clear of flammable material.
- ◆ Monitor relative humidity hourly and consider shut down when relative humidity drops below 30 percent.

NOTE: The IFPL system does not apply on lands protected by ODF east of the summit of the Cascades.