

TIMBER SALE FIRE PLAN 20_____
Sale Specific Data

SALE NAME

CONTRACT TYPE: 2400-6 2400-6T 2400-3

PLAN PREPARED BY: _____ ON _____

PLAN RECEIVED BY: _____ ON _____

PURCHASER:

Phone No.: DAY
NIGHT

Mobile Phone:

CONTRACT LOGGER: _____

Phone No.: DAY

ADDRESS: _____

NIGHT

Mobile phone:

KEY FIRE PERSONNEL TO CONTACT IN CASE OF FIRE

FOREST SERVICE

Phone No.

1. CENTER MANAGER: Charlea Johnston DAY 233-8880

2. ASST. CENTER MANAGER: Mark Main - DAY 233-8880 Shawn Mack 233-8880

3. FOREST FMO: Dave McMaster DAY 233-8813

4. DEPUTY FMO: Tyler Otterson DAY 233- 8881

5. EAST ZONE SUPPRESSION OFFICER: Albert Savage DAY 233-8852

6. WEST ZONE SUPPRESSION OFFICER: _____ DAY 667-8641

7. FOREST SERVICE REP.: _____

8. SHERIFF'S OFFICE: Ask for Dispatch NIGHT 233-4416

KEY FIRE PERSONNEL TO CONTACT IN CASE OF FIRE

PURCHASER

- | | | |
|------------------------------|--|-------------------------|
| 1. PURCHASER'S REP: _____ | | <u>Phone No.</u> |
| | | DAY
NIGHT |
| 2. FIRE FOREMAN: _____ | | DAY
NIGHT |
| 3. ASS'T FIRE FOREMAN: _____ | | DAY
NIGHT |
| 4. PATROLMAN: _____ | | DAY
NIGHT |

PURCHASER'S EQUIPMENT ON SALE AREA

	<u>NUMBER</u>	<u>MAKE</u>	<u>MODEL</u>	<u>SIZE</u>	<u>TYPE FUEL</u>	<u>REMARKS</u>
Bulldozers with lights						
Skidders						
Feller Bunchers						
Power Saws						
4/wheel Drive Trucks						
Tank Trucks						
Pickup Trucks						
Loaders						

Location	Shovels Size 0, 46" length	Mcleods or Scraping Tools	Backpack pump ready for use (filled w/ water)	Flash Lights	Axes (2 1/2 pounds, 28" length)and (double bit, 36" length)	Sledge Hammer or Maul 6 or more pounds	Dozer Head Lights	Falling Wedges	Serviceable Chainsaw 1 1/2 hp, 20"bar or one crosscut falling saw 6 foot
Landing	_____	2	1	2	2	1	2	2+	1

SPECIAL ITEMS APPLICABLE TO THIS SALE

EMERGENCY MEASURES C7.22 (3/2006) For 2400-6 TSC

This sale will operate using: P.A.L.

Make copies for: Sale Folder Forest Dispatcher Sale Officer S.O.
Contractor FPT (Area) Purchaser E.R.

LANDING CACHE OR FIRE BOX (C7.2)
TIMBER SALE CONTRACT REQUIREMENTS

- SHOVELS:** Sufficient number so that each employee at the operation can be equipped to fight fire. Size 0 or larger with an overall length of 46” sharp, handles smooth and tight.
- AXES:** Two axes, 2 ½ pounds with an overall length of not less than 28 inches, sharp, handles smooth and tight.
- MCLEOD:** Two Mcleod fire tools, or scraping tools.
- POWER SAWS:** One or more serviceable chainsaws of three and one-half or more horsepower with a cutting bar 20 inches in length, immediately available within the operating area. Or full set of timber-felling tools – one crosscut falling saw of 6’ feet in length, one double-bit axe with a 36” inch handle.
- BACKPACK PUMP:** One Serviceable five gallon backpack pump filled with water.
- HAMMER:** One sledge hammer or maul with a head weight of six or more pounds and handle lengths of 32 inches or more.
- WEDGES:** Two or more falling wedges.
- HEADLIGHTS TRACTORS:** Two tractor headlights for each tractor dozer used in Purchaser's operation. Served by adequate power supply.
- TOOLBOX:** In good condition serviceable and sealed properly

1. FIRE PLAN PREPARED AND ON FILE (B7.1)

2. COMMUNICATION ADEQUATE (C7.2)

3. TRACTOR AND SKIDDERS (C7.2)

- a. Shovel - Size "0" or larger; overall length 46"; sharp; handle smooth & tight
- b. Axe - 2 1/2 lb.; overlength 28"; sharp; handle smooth and tight.
- c. Spark Arrester - Approved model; serviced currently or exhaust turbocharger.
- d. Exhaust System - Free of leakage.
- e. Lights(Dozers) -Usable; proper amounts and wire. Lights may be in Fire Tool Cache.
- f. Fire Extinguisher/5 BC or larger

4. TRUCKS, PICK-UPS, ETC. (C7.2)

- a. Shovel - Size "0" or larger; overall length 46"; sharp; handle smooth & tight
- b. Axe - 2 1/2 lb.; overall length 28"; sharp; handle smooth and tight.
- c. Exhaust System - Free of leaks.

5. Chipper, Feller/buncher, Harvester, Forwarder, Hot Saws, Stroke delimber, ect. (C7.2)

- a. Shovel - Size "0" or larger; overall length 46"; sharp; handle smooth & tight
- b. Axe - 2 1/2 lb.; overall length 28"; sharp; handle smooth and tight.
- c. Spark Arrester - Approved model; serviced currently or exhaust turbocharger.
- d. Exhaust System - Free of leaks.
- e. Fire Extinguisher/(2 each) 10lb 4-A-60-BC or larger.
- f. wood dust and debris shall be removed daily from such equipment

6. FUEL TRUCKS (C7.2)

- a. Shovel - Size "0" or larger; overall length 46"; sharp; handle smooth & tight.
- b. Axe - 1 1/2 lb.; overall length 28"; sharp; handle smooth and tight.
- c. Exhaust System - Free of leaks.
- d. Fire Extinguisher - Class 4-A-80-BC or larger.

7. FUEL STORAGE (Stationary or Trailer amount)

- a. With gasoline engine driven pump: (Calif. Resources Code 4427)
 - 1. Shovel - Size "0" or larger; overall length 46"; sharp; handle smooth and tight.
 - 2. Fire Extinguisher (4-A -60 BC or larger) if approved by CO.
 - 3. Cleared 10' area around tank of all flammable material.
- b. With gravity flow - There are no state specs. for this type tank. However, you may recommend the purchaser meet the same spec. as for 6a.

8. CHAIN SAWS (C7.2)

- a. Shovel - Size "0" or larger; overall length 38" sharp; handle smooth & tight; with gas can, but no more than 300' from saw. (Not required on a cleared landing.)
- b. Fire Extinguisher - Meets C.P.R.C. 4431 specifications. (14 oz size)
- c. Spark Arrestor - Must meet C.P.R.C. 4442 or 4443: See Spark Arrester Guide for

each type of chain saw. If screen type, maximum screen opening is 0.0232 inches.

9. TANK TRUCK, TRAILER, OR WATER WAGON & (C7.2)

- a. Correct location on Sale Area: PAL A= On Sale Area: PAL B or higher (Tractor) on each active landing
- b. Adequate mobility.
- c. 300 gallons of water.
 1. Vol. for cylinder = $(3.1416 \times R \text{ sq.}) \times \text{Length.} \times (7.5 \text{ gal./CuFt.})$
 2. Vol. for rectangular or square = $(L) \times (W) \times (7.5 \text{ gallons cu ft.})$
- d. Pump must deliver the required P.S.I. at the elevation shown in C7.2.
Can deliver 23 gallons per minute@ 175 pounds per square inch measured at the pump outlet, tested on sale area using 5/16 inch orifice in the forester one inch in-line gauge test kit. Pump shall meet or exceed the pressure value in the chart listed in the contract for nearest temperature and elevation.
- e. Pump has outlet equipped with 1 1/2" National Standard Fire Hose Thread.
- f. Non-centrifugal pumps equipped with by-pass or pressure relief valve.
- g. Live reel attached to pump. Equipped with 300' of 3/4 or 1" (I.D.) rubber covered hose coupled in 50' lengths with 1" compression wedge type coupling.
- h. Hose equipped with shut-off nozzle (Must meet C7.201 specs.)
 1. Combination nozzle meeting standards, when measured at **100psi** at the nozzle. Straight stream 10 gpm or 38 feet. Fog spray 6-20 gpm.
 2. Hose shall with nozzle closed, be capable of **withstanding 200 PSI pump pressure** without leaking, distortions, slipping of couplings, or other failures.
- i. Fuel in fuel tank and enough extra fuel to last two hours.
- j. Accessories (Recommended - all items may not be necessary)
 1. Spanner wrenches (1 1/2" and 1")
 2. Screwdriver (correct type and size)
 3. Grease gun and grease.
 4. Two starting ropes.
 5. Crescent wrenches (6" and 10")
 6. One spark plug (to fit pump engine)
 7. One extra sediment bowl.
- k. When purchaser is using hotsaw technology: see contract for additional hose requirements.
- l. Compressed Air Foam System (CAFS): A fire suppression system where compressed air is added to water and a foaming agent. By agreement, Purchaser may substitute a CAFS or functional equivalent in lieu of the tank truck, trailer or fire extinguishers, provided it meets or exceeds the following specifications and requirements:
 1. Variable foam expansion ratio – 10:1 to 20:1
 2. Units shall be kept fully charged with air; water and foam concentrate as recommended by the manufacturer and have the appropriate tools to service the system.
 3. The unit shall contain enough energy to empty tank and clear hose prior to exhausting propellant.
 4. The unit shall be capable of being completely recharged within 10 minutes.
 5. When used on cable yarding landings, the unit shall be outfitted for immediate attachment to carriage and transported without damage to the unit.

Fire extinguishers required for Hot Saws, masticators and similar equipment identified in section B. above may be substituted with a 3 gallon CAFS.

Tank truck, trailer or equivalent may be substituted with a 30 gallon CAFS with at least 550 feet of one inch hose and an adjustable nozzle with enough water, air and foam concentrate for at least one recharge.

This equipment and accessories shall also be deliverable to a fire in the area of operations and subject to the requirements for each specific activity level identified in C7.22#.

10. YARDER (C7.2)

- a. Shovel - Size "0" or larger; overall length 46"; sharp; handle smooth & tight (when mobile).
- b. Fire Extinguisher - Class 4A60BC or larger.
- c. Spark Arrester - Approved model; serviced regularly.
- d. Axe - 2 1/2 lb.; overall length 28"; sharp; handle smooth and tight (when mobile).

11. LOADERS (C7.2)

- a. Shovel - Size "0" or larger; overall length 46"; sharp; handle smooth and tight (when mobile).
- b. Fire Extinguisher - Class 4A -60 BC or larger.
- c. Spark Arrester - Approved model; serviced regularly.
- d. Axe - 2 1/2 lb.; overall length 28"; sharp; handle smooth and tight (when mobile).

12. CABLE OPERATIONS (C7.2)

- a. Tail and corner blocks; cleared area 5' radius, slope distance - all flammable material removed, mineral soil exposed.
- b. Shovel -Size "0" or larger; overall length 46"; sharp; handle smooth & tight.
- c. Back-pack pump - 4 or more gallons OR fire extinguisher, 4A or larger, if approved by the C.O., within 10' of tail or corner blocks.
- d. Cables not rubbing on any dead woody material.

13. LUNCH AND WARMING FIRES (C7.2)

- a. Proper permits obtained.

14. SMOKING (C7.2)

- a. Smokers sitting in 3' diameter circle cleared of all flammable material.

15. CONTAINERS AND COMBUSTIBLE MATERIAL (C7.2)

- a. Glass bottles or jugs prohibited.
- b. Oily rags or oil filters - removed

17. ACCESS ROADS (KO ROADS) (B6.22)

- a. Reasonable free of equipment and products, slash and debris resulting from purchaser's operation.

18. AFTER OPERATION PATROL (C7.2)

- a. Fire Patrolperson on duty when required.
- b. Patrolperson knows required duties.
- c. Patrolperson's pick-up equipped:
 - 1. Shovel - Size "0" or larger; overall length 46"; sharp; handle smooth and tight.
 - 2. Axe - 2 1/2 lb. head; overall length 28"; sharp; handle smooth & tight.
 - 3. Recommended additional equipment.
 - a) Headlamp with batteries
 - b) 4 - 5 gallon back-pack pump (full)
- d. Physically able to perform.
- e. Proper communications (C7.204)

19. BLASTING (C7.2)

- a. Proper permits obtained.
- b. Watchperson.
- c. Shovel - Size "0" or larger; overall length 46"; sharp; handle smooth & tight
- d. 4-5 gal. back-pack pump(or 4A or larger fire extinguisher if approved by C.O.)
- e. Watchperson, shovel and back-pack remain in area 1 hour after blasting.
- f. Use electric blasting caps.

20. WELDING (C7.2)

- a. Proper permits obtained.
- b. Watchperson.
- c. Shovel - Size "0" or larger; overall length 46"; sharp; handle smooth & tight.
- d. 4-5 gal. back-pack pump (4A or larger fire extinguisher if approved by C.O.)
- e. 10' cleared area of all flammable materials.

21. EXPLOSIVES (C7.2)

- a. Calif. H & SC 12113 explosive signs. Signs required by Sec. 599 of Veh. Code.
- b. Calif. H & SC 12144 signs required on vehicles.

22. BURNING PERMIT (C7.2)

- a. Proper permit obtained.
- b. Meets equipment and instruction spelled out in permit.