

FUELS HANDCREW EQUIPMENT INSPECTION

Project Name _____

Contract # _____

CREW VEHICLES:

Acceptable?	Remarks
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Vehicle License Plate or I.D. _____
 1 shovel ($\geq 46"$, sharp, handle smooth, size O or larger)
 1 axe ($\geq 28"$, 2 1/2 lb +, sharp, handle smooth)
 Approved muffler or turbo exhaust system

Vehicle License Plate or I.D. _____
 1 shovel ($\geq 46"$, sharp, handle smooth, size O or larger)
 1 axe ($\geq 28"$, 2 1/2 lb +, sharp, handle smooth)
 Approved muffler or turbo exhaust system

CHAINSAWS: (Hand Crew)

Acceptable?	Remarks
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Equipment I.D. _____
 Approved spark arrestor
 Max. screen size $< 0.023"$
 Approved Fire Extinguisher (kept with Operator)
 (must be = **14 oz. & UL tested**)
 1 shovel ($\geq 38"$ length, size O)
 Kept within 300' of fallers gas can

Equipment I.D. _____
 Approved spark arrestor
 Max. screen size $< 0.023"$
 Approved Fire Extinguisher (kept with Operator)
 (must be = **14 oz. & UL tested**)
 1 shovel ($\geq 38"$ length, size O)
 Kept within 300' of fallers gas can

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Equipment I.D. _____
 Approved spark arrestor
 Max. screen size $< 0.023"$
 Approved Fire Extinguisher (kept with Operator)
 (must be = **14 oz. & UL tested**)
 1 shovel ($\geq 38"$ length, size O)
 Kept within 300' of fallers gas can

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

CHAINSAWS: (Hand Crew)

Equipment I.D. _____

Approved spark arrestor

Max. screen size < 0.023"

Approved Fire Extinguisher (kept with Operator)
(must be = **14 oz. & UL tested**)1 shovel ($\geq$ 38" length, size O)

Kept within 300' of fallers gas can

Acceptable?

Remarks

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Equipment I.D. _____

Approved spark arrestor

Max. screen size < 0.023"

Approved Fire Extinguisher (kept with Operator)
(must be = **14 oz. & UL tested**)1 shovel ($>$ 38" length, size O)

Kept within 300' of fallers gas can

Acceptable?

Remarks

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Equipment I.D. _____

Approved spark arrestor

Max. screen size < 0.023"

Approved Fire Extinguisher (kept with Operator)
(must be = **14 oz. & UL tested**)1 shovel ($>$ 38" length, size O)

Kept within 300' of fallers gas can

Acceptable?

Remarks

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Equipment I.D. _____

Approved spark arrestor

Max. screen size < 0.023"

Approved Fire Extinguisher (kept with Operator)
(must be = **14 oz. & UL tested**)1 shovel ($>$ 38" length, size O)

Kept within 300' of fallers gas can

Acceptable?

Remarks

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

FUELS INDUSTRIAL EQUIPMENT INSPECTION

Project Name _____

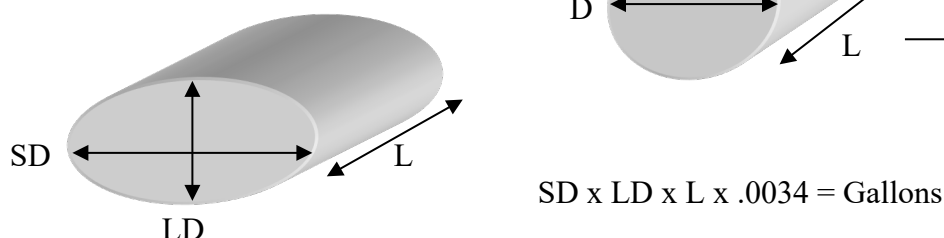
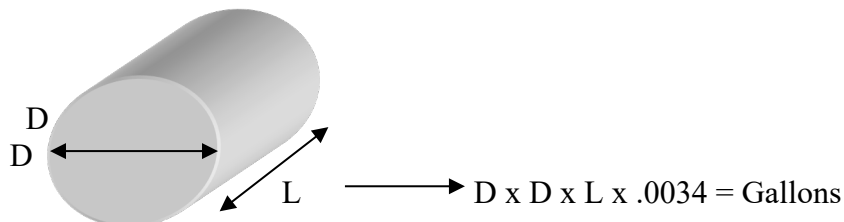
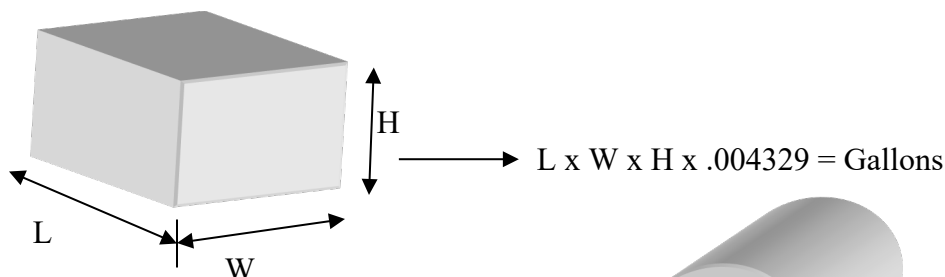
Contract # _____

TANK TRUCK REQUIREMENTS:.

Minimum required P.S.I.:

Tank capacity - no less than 300 gallons:

Formulae to determine Tank Volume (all dimensions in **INCHES**)



Correct GPM and PSI for Temperature and Elevation psi

Outlet with 1-1/2" National Fire Hose Thread

Gear-driven motors will have a bypass or pressure relief valve

300' of 3/4" inside diameter rubber covered high-pressure hose

Live reel: proper hose and couplings (no longer than 50' segments)

Hose shall (with nozzle closed) be capable of withstanding 200 PSI

pump pressure without leaking, distortions, or other failures

Shut off combination nozzle meeting minimum performance

spec's: straight stream (10 GPM & 38' horizontal range) and fog spray

(6-20 GPM). Note: Fuels Officer approval that Lexan 1030 nozzle is acceptable.

Pressure type hose clamps between pump & live reel

1 spare spark plug (correct size & kind)

1 spark plug wrench (correct size & kind)

Sufficient fuel to run pumper for 2 hours

Necessary service accessories to maintain pump operation:

1 quart crank case oil (4-cycle engines)

1 8" crescent wrench

Hose gaskets to fit all couplings (At least 5)

2 combination spanner wrenches (1" & 1 1/2")

Grease gun or grease for pumps requiring lubing (zerts) If needed

Assorted screwdrivers to fit pumper (Phillips and Flat Blade)

1 slip joint pliers

2 starting ropes for pumper (1 on pumper & 1 extra) If needed

Container for the above items (For the Pump)

Pumper attachable to available, working vehicle for transporting

Tires on trailer serviceable with proper p.s.i.

Acceptable?

Remarks

[illegible]

COMPRESSED AIR FOAM SYSTEM (CAFS)

(For substitution of a tank truck by agreement with **Forest Supervisor / Fuels Officer**)

	Acceptable?	Remarks
30 Gallon CAFS with at least 550 feet of one inch hose		
Fully charged with air, water and foam concentrate		
Unit has enough energy to empty tank and clear hose prior to exhausting propellant		
Capable of being completely recharged within 10 minutes		
Attachment for carriage transport (cable operations)		
Appropriate tools to service the system		
Unit has enough water, air and foam concentrate for at least one recharge		
Variable foam expansion ratio – 10:1 to 20:1		
Adjustable nozzle		
Equipment and accessories are deliverable to a fire in the area of operations		

LANDING FIRETOOL BOX REQUIREMENTS

Sealed box for tools CPRC 4428

	Fire Binder Seal # Acceptable?	Remarks
Number of tools must = Number of purchaser's fire crew personnel		
1 serviceable backpack filled with water		
2 axes and/or pulaskis (sharp, smooth and serviceable handles)		
2 McLeods (sharp, smooth and serviceable handles)		
Shovels to equip remaining crew		
2 attachable headlights for each dozer (if not attached) C7.2a		
Chainsaw accessories:		
extra spark plug (to fit saw)		
chainsaw file		
scrench (or wrench and screwdriver to change spark plug) SAH		
felling axe or hammer		
1 sledge hammer or single bit axe (2 1/2 lb +)		
2 hours of fuel mix and bar oil		
2 falling wedges		
1 extra sharpened chain for 20" bar or file		
1 chainsaw with 20" + bar, $\geq 3 \frac{1}{2}$ horsepower: I.D.# _____		
Approved spark arrestor C7.2d		
Max. screen size < 0.023"		

CREW VEHICLES:

Acceptable? Remarks

Vehicle License Plate or I.D. _____	_____	_____
1 shovel (≥46", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥28", 2 1/2 lb +, sharp, handle smooth) C7.2a	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

Vehicle License Plate or I.D. _____	_____	_____
1 shovel (≥46", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥28", 2 1/2 lb +, sharp, handle smooth) C7.2a	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

FUEL TRUCK:

Equipment I.D. _____	Acceptable?	Remarks
1shovel (≥ 46", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28", > 2 1/2 lbs +, sharp, handle smooth) C7.2a	_____	_____
fire extinguisher (Class 4-A:60-B:C or larger) C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

WATER TRUCK:

Equipment I.D. _____	Acceptable?	Remarks
1shovel (≥ 46", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28", > 2 1/2 lbs +, sharp, handle smooth) C7.2a	_____	_____
Approved spark arrestor on water pump	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

Masticators, Brush Mowers

Equipment I.D. _____	Acceptable?	Remarks
1shovel (≥ 46", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28", > 2 1/2 lbs +, sharp, handle smooth) C7.2a	_____	_____
Two 4-A:60-B:C or larger fire extinguishers C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

Equipment I.D. _____	Acceptable?	Remarks
1shovel (≥ 46", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28", > 2 1/2 lbs +, sharp, handle smooth) C7.2a	_____	_____
Two 4-A:60-B:C or larger fire extinguishers C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

TRACTORS / SKIDDERS: (if needed for Project work)

Equipment I.D. _____	Acceptable?	Remarks
1shovel (≥ 46", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28", > 2 1/2 lbs +, sharp, handle smooth) C7.2a	_____	_____
fire extinguisher (Class 5-B:C or larger) C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____
2 headlights - attachable with power source (tractors with blade only, may be kept in Fire Toolbox)	_____	_____

CHAINSAWS: (Hand Crew)

Equipment I.D. _____	Acceptable?	Remarks
Approved spark arrestor C7.2d	_____	_____

Max. screen size < 0.023”	_____	_____
Approved Fire Extinguisher (kept with saw) C7.2d	_____	_____
(must be = 14 oz. & UL tested)	_____	_____
1 shovel (≥ 38" length, size O) kept within 300' of faller C7.2d	_____	_____
gas can kept within 300' of faller C7.2d	_____	_____
Equipment I.D. _____		
Approved spark arrestor C7.2d	_____	_____
Max. screen size < 0.023”	_____	_____
Approved Fire Extinguisher (kept with saw) C7.2d	_____	_____
(must be = 14 oz. & UL tested)	_____	_____
1 shovel (≥ 38" length, size O) kept within 300' of faller C7.2d	_____	_____
gas can kept within 300' of faller C7.2d	_____	_____
Equipment I.D. _____		
Approved spark arrestor C7.2d	_____	_____
Max. screen size < 0.023”	_____	_____
Approved Fire Extinguisher (kept with saw) C7.2d	_____	_____
(must be = 14 oz. & UL tested)	_____	_____
1 shovel (≥ 38" length, size O) kept within 300' of faller C7.2d	_____	_____
gas can kept within 300' of faller C7.2d	_____	_____

COMPRESSED AIR FOAM SYSTEM (CAFS) C(T)7.2# K(T)H.2#.

(For substitution of a tank truck by agreement with FSR)

	Acceptable?	Remarks
30 Gallon CAFS with at least 550 feet of one inch hose		
Fully charged with air, water and foam concentrate		
Unit has enough energy to empty tank and clear hose prior to exhausting propellant		
Capable of being completely recharged within 10 minutes		
Attachment for carriage transport (cable operations)		
Appropriate tools to service the system		
Unit has enough water, air and foam concentrate for at least one recharge		
Variable foam expansion ratio – 10:1 to 20:1		
Adjustable nozzle		
Equipment and accessories are deliverable to a fire in the area of operations		

LANDING FIRETOOL BOX REQUIREMENTS C(T)7.2# K(T)H.2#.A.:

Sealed box for tools CPRC 4428

Fire Binder Seal #

	Acceptable?	Remarks
Number of tools must = Number of purchaser's fire crew personnel		
1 serviceable backpack filled with water		
2 axes and/or pulaskis (sharp, smooth and serviceable handles)		
2 McLeods (sharp, smooth and serviceable handles)		
Shovels to equip remaining crew		
2 attachable headlights for each dozer (if not attached) C7.2a		
Chainsaw accessories:		
extra spark plug (to fit saw)		
chainsaw file		
scrench (or wrench and screwdriver to change spark plug) SAH		
felling axe or hammer		
1 sledge hammer or single bit axe (2 1/2 lb +)		
2 hours of fuel mix and bar oil		
2 falling wedges		
1 extra sharpened chain for 20" bar or file		
1 chainsaw with 20" + bar, $\geq 3 \frac{1}{2}$ horsepower: I.D.# _____		
Approved spark arrestor C7.2d		
Max. screen size < 0.023"		
- or -		
6' crosscut saw		
1 double bit axe (36", sharp, smooth handle)		
Sledge hammer or maul (6 lbs. or more - 32")		
2 falling wedges		

PASSENGER VEHICLES & LOG TRUCKS:

	Acceptable?	Remarks
Vehicle License Plate or I.D. _____	_____	_____
1 shovel (≥ 46 ", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28 ", 2 1/2 lb +, sharp, handle smooth) C7.2a	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____
Vehicle License Plate or I.D. _____	_____	_____
1 shovel (≥ 46 ", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28 ", 2 1/2 lb +, sharp, handle smooth) C7.2a	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

FUEL TRUCK:

Equipment I.D. _____	Acceptable?	Remarks
1 shovel (≥ 46 ", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28 ", > 2 1/2 lbs +, sharp, handle smooth) C7.2a	_____	_____
fire extinguisher (Class 4-A:60-B:C or larger) C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

WATER TRUCK:

Equipment I.D. _____	Acceptable?	Remarks
1 shovel (≥ 46 ", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28 ", > 2 1/2 lbs +, sharp, handle smooth) C7.2a	_____	_____
Approved spark arrestor on water pump	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

**MECHANIZED HARVESTERS,
FELLER/BUNCHERS, CHIPPERS,
FORWARDERS, STROKE DE-LIMBERS:**

Equipment I.D. _____	Acceptable?	Remarks
1 shovel (≥ 46 ", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28 ", > 2 1/2 lbs +, sharp, handle smooth) C7.2a	_____	_____
Two 4-A:60-B:C or larger fire extinguishers C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____
If Hotsaw Additional 250' of Light Weight Hose	_____	_____

Masticators, Brush Mowers

Equipment I.D. _____	Acceptable?	Remarks
1 shovel (≥ 46 ", sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe (≥ 28 ", > 2 1/2 lbs +, sharp, handle smooth) C7.2a	_____	_____
Two 4-A:60-B:C or larger fire extinguishers C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____
If Hotsaw Additional 250' of Light Weight Hose	_____	_____

	Acceptable?	Remarks
Equipment I.D. _____		
1 shovel ($\geq 46"$, sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe ($\geq 28"$, $> 2\ 1/2$ lbs +, sharp, handle smooth) C7.2a	_____	_____
Two 4-A:60-B:C or larger fire extinguishers C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____
If Hotsaw Additional 250' of Light Weight Hose	_____	_____

GRADER:

	Acceptable?	Remarks
Equipment I.D. _____		
1 shovel ($\geq 46"$, sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe ($\geq 28"$, $> 2\ 1/2$ lbs +, sharp, handle smooth) C7.2a	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

LOG LOADERS / SHOVEL LOADERS:

	Acceptable?	Remarks
Equipment I.D. _____		
1 shovel ($\geq 46"$, sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe ($\geq 28"$, $> 2\ 1/2$ lbs +, sharp, handle smooth) C7.2a	_____	_____
fire extinguisher (Class 4-A:60-B:C or larger) C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

YARDERS:

	Acceptable?	Remarks
Equipment I.D. _____		
fire extinguisher (Class 4-A:60-B:C or larger) C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____

TRACTORS / SKIDDERS:

	Acceptable?	Remarks
Equipment I.D. _____		
1 shovel ($\geq 46"$, sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe ($\geq 28"$, $> 2\ 1/2$ lbs +, sharp, handle smooth) C7.2a	_____	_____
fire extinguisher (Class 5-B:C or larger) C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____
2 headlights - attachable with power source (tractors with blade only, may be kept in Fire Toolbox)	_____	_____

Equipment I.D. _____		
1 shovel ($\geq 46"$, sharp, handle smooth, size O or larger) C7.2a	_____	_____
1 axe ($\geq 28"$, $> 2\ 1/2$ lbs +, sharp, handle smooth) C7.2a	_____	_____
fire extinguisher (Class 5-B:C or larger) C7.2b	_____	_____
Approved spark arrestor or muffler or turbo charged C7.2c	_____	_____
2 headlights - attachable with power source (tractors with blade only, may be kept in Fire Toolbox)	_____	_____

Equipment I.D. _____

1 shovel ($\geq 46"$, sharp, handle smooth, size O or larger) C7.2a

1 axe ($\geq 28"$, $> 2 \frac{1}{2}$ lbs +, sharp, handle smooth) C7.2a

fire extinguisher (Class 5-B:C or larger) C7.2b

Approved spark arrestor or muffler or turbo charged C7.2c

2 headlights - attachable with power source (tractors with blade only, may be kept in Fire Toolbox)

CHAINSAWS: (fallers)

Equipment I.D. _____

Approved spark arrestor C7.2d

Max. screen size $< 0.023"$

Approved Fire Extinguisher (kept with saw) C7.2d

(must be = **14 oz. & UL tested**)

1 shovel ($\geq 38"$ length, size O) kept within 300' of faller C7.2d

gas can kept within 300' of faller C7.2d

Equipment I.D. _____

Approved spark arrestor C7.2d

Max. screen size $< 0.023"$

Approved Fire Extinguisher (kept with saw) C7.2d

(must be = **14 oz. & UL tested**)

1 shovel ($\geq 38"$ length, size O) kept within 300' of faller C7.2d

gas can kept within 300' of faller C7.2d

Equipment I.D. _____

Approved spark arrestor C7.2d

Max. screen size $< 0.023"$

Approved Fire Extinguisher (kept with saw) C7.2d

(must be = **14 oz. & UL tested**)

1 shovel ($\geq 38"$ length, size O) kept within 300' of faller C7.2d

gas can kept within 300' of faller C7.2d

TAIL HOLDS: (cable system)

1 shovel (46", sharp, handle smooth) within 25ft

1 full 5gal. backpack pump or fire extinguisher size 4 A or larger within 25ft

FIRE TOOL BOX FOR CAMPING:

Box/Camping location: _____

Sufficient supply of tools to equip 50% of able bodied personnel, shovels, axes, saws, backpack pumps, scraping tools

Attachable headlights for 1/2 of dozers

Canteens & flashlights for 1/3 of personnel

Acceptable?

Remarks

Acceptable?

Remarks

Acceptable?

Remarks