



GOLDER RANCH FIRE DISTRICT

Firefighter I and II Practical Skill Sheets

Chainsaw Inspection and Maintenance

Standard:

NFPA 1001: 4.5.1 (2019 Edition)

Task/Performance Outcome:

Clean and inspect a chainsaw, so that it is in a ready state to be started or reported otherwise. The candidate shall demonstrate the ability to handle the chainsaw, gather the necessary equipment to inspect and maintain it, following manufacturer and district guidelines, and explain the required documentation and reporting procedures.

Required Personal Protective Equipment (PPE):

Class C Uniform, helmet, utility gloves, eye protection, and hearing protection.

Required Equipment:

- Chainsaw
- 2-Cycle fuel
- Bar oil
- Srench with flat head
- Srench with torx head
- Rag

Critical Fail Criteria:

Failure consists of the following:

- Failure to wear the required PPE.
- Failure to physically address their accountability on the passport of their assigned apparatus.
- Glaring, gross errors, as documented by the evaluator.
- An apparent lack of efficiency and comfort with the activity, as documented by the evaluator.
- Less than 80% of available points scored.

Evolution Details:

You have been provided a chainsaw to inspect and maintain, along with a table to complete the work on. All the necessary equipment to complete this task is available to you.



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Actions	Points Available	Points Earned
Time starts upon instructor prompt		
Saw housing for obvious damage	1	
Handlebars and safety guards for loose bolts or cracks	1	
Rubber mounts for cracks	1	
Throttle handle, trigger, and interlock for damage	1	
On/Off, choke, and decompression switches	1	
Starter handle and chord for damage	1	
Muffler and spark arrester for damage	1	
Power head for loose bolts or damage	1	
Fuel level (fills as needed)	1	
Bar oil (fills as needed)	1	
Bumper spikes (dogs) for loose or bent bolts	1	
Chain catcher for damage, loose bolts, or missing	1	
Hand guard and brake for damage	1	
Removes air filter and inspects (engages choke, prior to removing)	1	
Reinstalls air filter correctly	1	
Carefully removes spark plug boot	1	
Removes spark plug and inspects	1	
Reinstalls spark plug and tightens appropriately	1	
Reinstalls air filter cover and guards	1	
Removes bar nuts and chain sprocket cover	1	
Removes guide bar and chain	1	
Chain sprocket and oil port for damage or obstructions	1	
Bar and nose sprocket for damage or uneven wear	1	
Chain (dull, broken tie straps, 3 damaged teeth in a row, or 6 total)	1	
Reinstalls chain, bar, and cover correctly	1	
Properly tensions chain and confirms proper direction of travel	1	
Time stops upon candidate stating they have completed their inspection and maintenance		
Total Points (21/26 to pass)	26	

Candidate: _____ Evaluator: _____ Total: _____/26

Circle one:
Pass/Fail on points/Fail on critical criteria

Comments _____

