

Poudre Canyon Fire Protection District

Standard Operating Procedure

Wood Chipper

EFFECTIVE DATE: July 9, 2014

OBJECTIVE

Establish District procedure for operation of the wood chipper

REFERENCES

Wallenstein Operators Manual (with chipper)

POLICY

Only district personnel, trained in chipper operation shall operate the chipper.

REQUIRED TRAINING

Operators shall be trained by qualified district personnel.

PROCEDURE

1. New operator training
 - a. Review sections 1-6 of Operators Manual.
 - b. Conduct Daily and 40 hour service inspections
 - c. Start engine and bring to operating speed.
 - d. Test feed control lever and panic bar.
 - e. Stop engine and read engine hours.
 - f. Both trainer and trainee sign and date training form.
2. Operation:

Chipper may be operated attached to a vehicle or stand alone. If stand alone, chock both wheels before starting engine.

 - a. Refer to operator manual for additional information
 - b. Position chipper with smooth footing behind feed hopper
 - c. Point discharge chute in a downwind or crosswind direction.
 - d. Do not point at people, animals, buildings, or vehicles.
 - e. Adjust chute deflector to control the throw of chips, with the deflector fully open, chips may travel over 50'.
 - f. PPE
 - i. Hearing protection is required for the operator and people working within 10' of the chipper while the engine is running.
 - ii. Gloves, long sleeves, and eye protection are required while chipping.
 - g. Record results of service inspection on service record along with starting engine hours.
 - h. Start engine and bring to operating speed.

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- i. Test feed control lever and panic bar.
 - j. Start feeding slash into the chipper.
 - k. Do not place metal, bottles, cans, rocks, wire, or rope into the chipper. If such material gets into the chipper, stop the machine immediately and do a detailed inspection.
3. Blade Change:
- If service inspection reveals dull or damaged rotor blades, they must be changed as a set of 4. The blades can be rotated if the opposite edge is in good condition.
- a. Refer to operators manual for additional information.
 - b. After installing each rotor blade, check clearance from the stationary blade.
 - c. If rotor blade does not clear, adjust stationary blade away from rotor.
 - d. After all rotor blades are installed, adjust clearance to stationary blade to 1/32". Use a piece of 11 gage material as a check.

ATTACHMENTS

District personnel qualified to train operators

Carl Solley

Bette Blinde

Bob Stahl

Bret Ridges

Buzz Stith

Hugh Collins

Jon Schneider

Tony Falbo