

SPOKANE COUNTY FIRE DISTRICT 8

Standard Operating Procedures

100.05.04 DRIP TORCH FUEL AND CANISTERS



Adopted: 04/08/19
Reviewed: 11/21/19
Revised: 00/00/00

Approved: 

Purpose: To identify the storage and mix ratio of drip torch fuels
To identify best practices for inspection and storage of drip torch canisters

References: Northwest coordinating group PMS 442; Interagency Transportation Guide For Gasoline, Mixed Gas, Drip Torch Fuel, and Diesel

Procedure:

1. Drip torch fueling procedure
 - a) Mix ratio 3:1 (diesel/gasoline)
 - b) Canisters to be filled as listed at the direction of the Chief of Operations or designee
 - c) Canisters to be filled to 90% of capacity
 - d) Wick to be stored inside canister
 - e) After fire season, or as directed, canisters shall be emptied of contents as directed by the Chief of Operations or designee
2. Storage of drip torch canisters
 - a) Lock ring secured
 - b) Vent closed
 - c) Check for leaks
 - d) Canisters to be stored/transported in designated mounting brackets only
3. Inspection of drip torch canisters, including after each use
 - a) Daily: Visual inspection
 - b) Weekly: Check lock ring, gaskets (Wednesdays)
 - c) Yearly: Before & after fire season, check wicks (April, November)
4. Five (5) gallon extra drip torch fuel container
 - a) Clearly labeled "Drip Torch Fuel Mix"
 - i. Must be marked "Flammable Liquids N.O.S diesel/gasoline mix 1993"
 - b) Mixed in a 3:1 (diesel/gas) ratio
 - c) Stored in a marked container with diamond shaped flammable liquids label on the outside
 - d) Stored as not to flip/tip/spill during transport
 - e) Filled to 90% capacity