

# SPOKANE COUNTY FIRE DISTRICT 8

## Standard Operating Procedures

### 100.05.04 DRIP TORCH FUEL AND CANISTERS



Adopted:	04/08/19
Reviewed:	11/09/22
Revised:	00/00/00
Approved:	<i>Lonnie J. Rash</i>

**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