



Ministry of Forests
Lands, and Natural
Resource Operations

**APPENDIX D
MOBILE AVIATION FUEL INSPECTION
REPORT
FOR MOBILE AVIATION FUEL**

BC WILDFIRE SERVICE
Mobile Aviation Fuel Inspection Report

Inspection Date _____/_____/_____

Company _____ Location _____

Equipment Type _____ Unit ID # _____ Capacity _____

Onsite Operator _____ Phone Number _____

CSA B836-14/NFPA 407 Ref

Safety Markings (Vehicle / Trailer Unit)

Clause 5.17.3

- Placards and fuel grade identification Yes No
- VIPK Decals Current Yes No
- 1 YR Visual (V) 5 YR Internal (I) 5 YR Pressure (P) 1 YR Leakage (K)

- Fuel Compartments Tagged to Identify Type/Grade Yes No
- Caution Signage - Flammable Yes No
- No Smoking Yes No
- Fire Extinguisher Yes No Clause 6.2.3.1
- Spill Kit Location Yes No
- Emergency Shut Off(s) Readily Available/Tagged Yes No

Security Features

- Cabinets/Locked Storage Yes No
- Locking Top Hatch Yes No
- Valve, Sump Drains & Fill Caps Lockable Yes No
- Master Electronic Switches Yes No
- Loading & Unloading Hoses Yes No
- Fall Protection (including ancillary equipment) Yes No

Comments:

Fuel Delivery

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- Jet Fuel Certified Hose Meets API/EI 1529 Grade 2 Type C Yes No Clause 4.8.1
*Grade 2 (rated to 300psi) Type C (electrically continuous)
- Minimum 60ft of 1.5" Aviation Grade Hose Yes No
- Date of Manufacture _____ (10 YR Life, must have hose certificate for proof of date)
- Yearly Hose Testing Yes No Clause 5.22.2
- Type of Pump Gas Diesel P.T.O. Electric
- Minimum flow 120 Litres / Minute Yes No
- Over-Wing Nozzle Flow Rate(120 litres/min) Estimate Actual
- Single Point Flow Rate (600 litres/min) Estimate Actual
- Hot fueling flow rate not to exceed 227 litre/min Yes No NFPA 407 5.21.2
- Air Tanker Operations (600 litres/min) Estimate Actual
- Pressure Control Testing (Air Tank Ops. Only) Yes No
- Deadman Control Valve testing (Air Tank Ops. Only) Yes No

** Grade 1 hose permitted if pressures are less than 100psi*

Nozzle(s)

- 100 mesh Screen Yes No Clause 5.19
- Dust Capped Yes No
- Aviation Nozzle (non-locking) Yes No
- Bonding Cable with Clamp Yes No
- Emergency Shut Off Yes No Clause 4.1.6
- Deadman Control switch - Single-Point Fuelling Yes No Clause 4.10.7

Meter Register

- Make/Model _____
- Tagged w/ Last Calibration Date Yes No
- Last Calibration Date: _____ W&M approved Yes No
- Temperature Controlled Metering Yes No

Comments

Filtration & Product Tank

- Filter Make/Model _____ Yes No
- Single Stage Monitor Aviation Fuel Filter Yes No Clause 4.14 &
- Filter(s) Marked / Tagged (Yearly Change Out Date) Yes No Clause 5.24
- Low Points & Ability to Sample Fuel Yes No
- Pre-Filter Yes No
- Post-Filter (or Nozzle Sample) Yes No
- Differential Pressure Gauges Yes No Clause 5.16.7
- Post Filter Plumbing: Steel Stainless Steel Aluminum Non Ferrous Other
- Product Tank has Low Point drains (or the ability to sample tank bottom) Yes No
- Product Tank is: Steel Stainless Steel Non Ferrous Epoxy Lined Aluminum Other
- Product Tank has: Manifolds No Manifolds (product pipe goes direct to the internal)

If filtration is coalescer/separator then it must qualify with EI 1581 Cat C & M and have S-L/W on data plate This confirms ok for into plane with FSII (qualifies with EI 1581 5th Edition)

Static Bonding

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- Reel Type Other Specify _____ Clause 5.12.4
- 75ft with Clamp Yes No Clause 5.17.3
- 150 ft with Clamp (Airside) Yes No Clause 5.19.3
- Bonding System Resistance Tested (Valid Proof) Yes No Clause 5.26

(Daily Test if Hot Fueling otherwise weekly. Must not exceed 25 OHM's)

Fire Extinguishers

- 2 x 20lb Fire Extinguishers with date tested tag Yes No Clause 6.2.2.1
- 20-BC Rating Yes No
- BC Purple K Rating Recommended
- Date Tested by Qualified Contractor _____ Clause 5.17.1

Spill Kit

- Minimum for 200 Litres Oil/Fuel Type Yes No
- Sorbent pads (bundle) Yes No
- Berm Kit to contain Yes No
- Shovels and Gloves Yes No
- Plug N Dike for emergency tank repair Yes No

Comments

Mobile Fuelling Vehicle

- Mobile Radio Programmed with Road Channels Yes No
- Mobile Radio Programmed with FLNRO Yes No
- Handheld Programmed with Road / FLNRO Yes No

Fuel Sample Kit (to meet regulation) Yes No

Last Contained_____ (Bio-fuel must have proof of steam cleaning)

Comments: Pass Fail

This inspection was reviewed with the operator by the following designated representative for the Ministry of Forests, Lands, and Natural Resource Operations:

Inspector Print:_____ Date: _____

Signature: _____