



MOBILE FOOD SERVICE EQUIPMENT FIELD APPROVAL SUBMISSION INFORMATION

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The following will outline the information and material required to process the Field Approval of Mobile Food Service Equipment (MFSE).

1. Type of MFSE. *See Page 2.*
2. Equipment Identification Number such as a licence plate number, V.I.N. or a unique model or serial number assigned to the equipment. *See page 2.*
3. A list of all gas fired appliances installed. (Note: The appliances must bear the certification mark from a recognized certification body or they will require a separate Field Approval.) Provide the Manufacturer, Model Number, Appliance Type and Input Rating. *You may use the table on page 2 to record this information.*
4. A list of the propane components used from the propane cylinders to the appliances Provide details of the Manufacturer and Model Number of components such as regulator, gas hose assemblies, automatic valves and manual valves. *You may use the table on page 3 to record this information.*
5. A sample of the Danger labels to be used as required by Section 10 of the Engineering Review Requirements for MFSE. *See attached sample on page 4.*
6. A drawing or sample of the General Rating Plate as required by Section 11 of the Work Instructions for MFSE. *See attached sample on page 5.*
7. A floor plan or overall assembly drawing showing the general layout of the equipment and the location of the appliances and propane cylinders or tank.
8. If used, details of the exhaust fan and interlocking air flow proving switch and automatic gas shut-off valve and a simple diagram showing the wiring connections.

Note: A mechanical exhaust system interlocked with the fuel supply line is required if fuel burning equipment is operated within an enclosed space of an MFSE.

9. If possible, please provide some photos of the equipment to illustrate the basic design, piping, propane supply and appliances.
10. Details of the size and location of combustion air supply and make-up air supply for the vehicle.
11. For any MFSE with electrical features rated at greater than 30 volts, please ensure that the required approval under the Electrical Code has been obtained before our inspection.

The only evidence of such approval acceptable to TSSA will be a label attached to the appliance. The label must be issued by a field evaluation agency recognized under the Ontario Electrical Safety Code and Ontario Regulation 438/07. The inspection must be for the control panel(s), and the wiring to and from the panel(s). If the ESA performs the inspection, then the label must have a serial number starting with a letter S. For further details please contact the Electrical Safety Authority at 1-800-ESA-SAFE.



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4. Please record information on the components used.

Propane Gas Components - 100 # Cylinders

COMPONENT	MAKE	MODEL NUMBER
Regulator		
Gas Hose Assembly	CSA or cUL Certified Assembly	
Fire Suppression Automatic Valve		
Air Flow Interlock Automatic Valve		
Manual Reset		
Manual Valves		
Appliance Connectors		
Air flow Proving Switch		
Exhaust Fan		

Propane Gas Components – 420# Cylinder

COMPONENT	MAKE	MODEL NUMBER
Regulator		
Gas Hose Assembly	CSA or cUL Certified Assembly	
Fire Suppression Automatic Valve		
Air Flow Interlock Automatic Valve		
Manual Reset		
Manual Valves		
Appliance Connectors		
Air flow Proving Switch		
Exhaust Fan		



SAMPLE DANGER LABELS

The following danger labels shall be affixed to all MFSE, be readily visible and located adjacent to the propane container with the following wording:

DANGER

Cooking appliances shall not be used for space heating.
When the propane appliance is not in use or the vehicle is stored,
shut off the supply of propane to the appliance (at the propane tank).

BEFORE TURNING ON PROPANE

Make certain all propane connections are tight, all appliance valves
have been turned off and any unconnected outlets are capped
If an open door is used for ventilation/combustion air,
ensure the door is open before turning on propane

AFTER TURNING ON THE PROPANE

Light all pilots of appliances to be used.
Each connection, including those at appliances, regulators, and cylinders,
shall be leak tested initially and periodically with soapy water by the operator.
Never use a lighted match or other flame when checking for leaks.
Do not leave a system turned on or containers connected until the system
has been proven to be leak (propane) tight.
When the containers are disconnected, the propane supply line shall be capped or plugged.

For all MFSE that are part of a Self-propelled Vehicle, the following additional danger label shall be affixed at the vehicle's fuelling point and inside the driver's compartment with the following wording:

DANGER

All pilot lights shall be extinguished and the supply of propane shut off
before refueling this vehicle.

For Carts with Self-Contained Propane Supply System the following additional statement shall appear on the label.

For Outdoor Use Only. If Stored Indoors, Detach and Leave Cylinder Outdoors

The word "**DANGER**" shall be a minimum of ¼-inch (6.4 mm) in height. All other words on the label shall be a minimum 1/8-inch (3.2 mm) in height.



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SAMPLE RATING PLATE

General Rating Plate

Applicant's Name
Address

Mobile Food Service Equipment

Identification Number (V.I.N., Model No., Serial No., or Licence Plate)

Appliances

Manufacturer	Type	Model Number	Input

For Use with Propane Gas

Manifold Pressure: _____ in. w.c.

Electrical Rating: _____ Volts, 60 Hz, _____ amps

Design Standard: TSSA-MFSE-2014