



Technical Standards and Safety Authority
 www.tssa.org
 14th Floor - Centre Tower
 3300 Bloor Street West
 Toronto Ontario MBX 2X4
 Fax: 416.231.4078
 Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
 Propane Storage and Handling Regulation

This Level 1 RSMP applies to:

- a facility with a total propane storage capacity of 5,000 USWG or less; or
- a facility with a fixed propane storage capacity of exactly 5,000 USWG and no more than 500 USWG of portable propane storage capacity on site

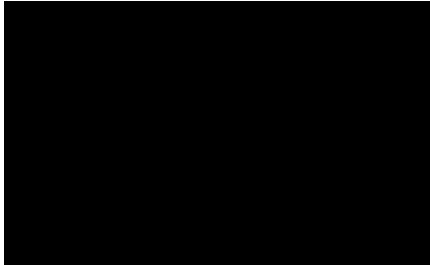
Failure to fully complete this form may result in rejection.
 Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*

Licence Number N/A - New Facility

Check applicable type of propane operations.

Cylinder Motor Fill Filling Plant Card/Keylock

Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.



SECTION A: GENERAL INFORMATION

The Undersigned applies to TSSA for a review for an RSMP under Ontario's *Technical Standards and Safety Act*, Propane Storage and Handling Regulation.

Company Name Hammond Transportation Ltd. Corporation No. _____

Operator Name (if different from above)
Hammond Transportation Bracebridge

Telephone No. 705-645-5431 Fax No. 705-645-3629 E-mail ghammond@hammondtransportation.com

B Street No. 450 Street Name / 911 Number / Address, if applicable Ecclestone Drive

Town / City or Township / County Bracebridge Province Ontario Postal Code P1L 1T7

Mailing address if different from above.

C Street No. _____ Street Name / 911 Number / Address, if applicable P.O. Box 441 Ecclestone Drive

Town / City or Township / County Bracebridge Province Ontario Postal Code P1L 1T7

Information on Container Refill Centre or Filling Plant

Location of facility.

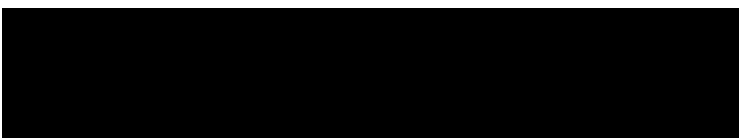
D Street No. 450 Street Name / 911 Number / Address, if applicable Ecclestone Drive Nearest Major Intersection Ecclestone Drive and Keith Road

Town / City or Township / County Bracebridge Province Ontario Postal Code P1L 1T7

Name of Licence Holder Hammond Transportation Ltd.


Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Greg Hammond ROT type 100-02

Municipality (or municipalities if the facility or its hazard distance touches multiple borders)
Town of Bracebridge

Hours of operation.


This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information.

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Print name Name of Licence Holder <u>Hammond Transportation Ltd.</u>	Signature 	Date (dd-mmm-yyyy) <u>29-03-2016</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Greg Hammond</u>		



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION A: GENERAL INFORMATION (cont'd)

Indicate the year the facility was established. 2016 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. N/A

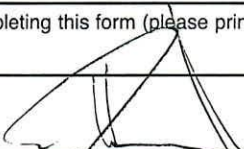
Identify the psig rating and serial number for each fixed propane storage tank on site.

	PSIG	Serial Number
Tank1:	<u>250</u>	<u>271.1</u>
Tank2:	_____	_____
Tank3:	_____	_____

Enter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for each type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.

Fixed: 5000 USWG Portable: 0 USWG Mobile: 0 USWG

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) <u>Greg Hammond</u>		Official Title <u>Secretary Treasurer</u>	
Signature 		Telephone No. <u>705-645-5431</u>	Date (dd-mmm-yyyy) <u>29-03-2016</u>



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

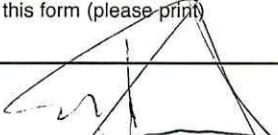
Name of Propane Supplier(s) EDPRO Energy Group Inc.			For Office Use - Party No.		
Street No. 5	Street Name / 911 Number / Address, if applicable Cuddy Blvd				
Town / City or Township / Country London			Province Ontario	Postal Code N5V 3Y3	
Telephone No. 519-690-0000	Fax No. 519-690-1948	Contact Name Joe Erskine			
E-mail jerskine@edproenergy.com					

Name of Propane Transporter. If same as above, please check box. <input checked="" type="checkbox"/>			For Office Use - Party No.		
EDPRO Energy Group Inc.					
Street No. 5	Street Name / 911 Number / Address, if applicable Cuddy Blvd				
Town / City or Township / Country London			Province Ontario	Postal Code N5V 3Y3	
Telephone No. 519-690-0000	Fax No. 519-690-1948	Contact Name Joe Erskine			
E-mail jerskine@edproenergy.com					

Off-site Cylinder and/or Mobile Storage		Capacity stored off-site, in USWG	For Office Use - Party No.		
None					
Street No.	Street Name / 911 Number / Address, if applicable				
Town / City or Township / Country			Province	Postal Code	
Telephone No.	Fax No.	Contact Name			

Note: Customer storage is not considered off-site storage.

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Greg Hammond		Official Title Secretary Treasurer	
Signature 		Telephone No. 705-645-5431	Date (dd-mmm-yyyy) 29-03-2016



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN

The licence holder will complete Section B in consultation with the local Fire Services.

Description of the maximum volume, types and storage location of other hazardous materials on site, if any.

Underground Diesel Fuel Storage 2000 gal, underground gasoline storage 1000 gal

Antifreeze coolant - less than 40 gallons

Consumer quantities of items such as spray paint, cleaners etc.

Waste oil tank - 800 gallon capacity

Description of fire and emergency equipment indicated on facility site map.

Fire extinguisher 20 lb.

Emergency shut off X (2)

List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.) and describe their function, use and operation.

Internal Safety Control (ISC) valves are equipped with nitrogen charged actuators

Fusible plug on nitrogen holding open ICS valve causes liquid outlet to automatically close in event of fire

Normally closed solenoid on automotive fill meter before hose closes by emergency shut off or when not in use

Maintenance and testing schedule for fire protection controls and devices.

Fire extinguisher is inspected by outside company annually

Comprehensive dispenser inspection conducted annually by G2-LP certificate holder or higher

Facility inspection by TSSA completed annually

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Greg Hammond	Official Title Secretary Treasurer	
Signature 	Telephone No. 705-645-5431	Date (dd-mmm-yyyy) 29-03-2016



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact		5. Facility 24-Hour Contact Person	
Name Greg Hammond	For Office Use - Party No.	Name Derek Hammond	For Office Use - Party No.
Official Title Secretary Treasurer		Official Title Bracebridge Shop Manager	
Telephone No. 705-645-5431	Fax No. 705-645-3629	Cell No. 705-706-0342	Fax No. 705-645-3629
E-mail ghammond@hammondtransportation.com		E-mail dhammond@hammondtransportation.com	
Role and responsibilities in emergency Represents license holder on interaction with authorities and ensures regulations are met and adhered to.		Role and responsibilities in emergency Site liaison for enacting internal and external emergency procedures communication with emergency responders, suppliers and subcontractors	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Derek Hammond	For Office Use - Party No.	Name Derek Hammond	For Office Use - Party No.
Official Title Bracebridge Shop Manager		Official Title Bracebridge Shop Manager	
Telephone No. 705-645-5431	Fax No. 705-645-3629	Telephone No. 705-645-5431	Fax No. 705-645-36293
E-mail dhammond@hammondtransportation.com		E-mail dhammond@hammondtransportation.com	
Role and responsibilities in emergency Same as key contact if other unavailable		Role and responsibilities in emergency Ensure approved procedures are followed Ensure internal emergency procedures are current and employees aware	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Mike Peake	For Office Use - Party No.	Name Joe Erskine	For Office Use - Party No.
Official Title Fire Prevention Officer	E-mail fpo@bracebridgefire.com	Official Title President of EDPRO Energy Group	E-mail jerskine@edproenergy.com
Telephone No. 705-645-8258 ext 203	Fax No. 705-646-2121	Telephone No. 519-690-0000	Fax No.
Role and responsibilities in emergency Review and provide guidance on fire safety, emergency response and preparedness. Interface for invitation to conduct annual site review		Role and responsibilities in emergency Technical assistance, dispatch of service technicians and specialized equipment. Activate Emergency Response Assistance Plan by LPGERC	
Fire Services Address 16 Dominion Street, Bracebridge, ON, P1L 2B5		Propane Supplier Address 5 Cuddy Blvd, London, ON, N5V 3Y3	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Chief Murray Medley	For Office Use - Party No.	Name Cheryl Kelley	For Office Use - Party No.
Official Title Fire Chief	E-mail fpo@bracebridgefire.com	Official Title Director of Planning and Development	
Telephone No. 705-645-8258 ext 202	Fax No. 705-646-2121	Telephone No. 705-645-6319 ext 253	Fax No. 705-645-4209
Role and responsibilities in emergency Same as Fire Services - Key Contact		E-mail ckelley@bracebridge.ca	
Fire Services Address 16 Dominion Street, Bracebridge, ON, P1L 2B5		Municipality Name and Address Town of Bracebridge, 1000 Taylor Court, Bracebridge, ON, P1L 1R6	

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Greg Hammond	Official Title Secretary Treasurer
Signature 	Telephone No. 705-645-5431
	Date (dd-mmm-yyyy) 29-03-2016



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

2. Additional Safety Measures

Describe any other measures in place at the facility that exceed the minimum Code and Standards requirements.

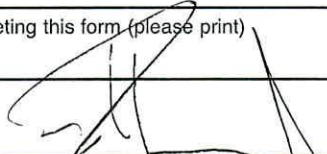
Internal valves are equipped with nitrogen charged actuators with fusible plugs

Limited scope of filling, Only Hammond owned vehicles are filled; no pilot equipped vehicles (motor homes, catering trucks) will refuel

Additional emergency stop located outside of the immediate hazard area

Power turned off when unattended

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Greg Hammond	Official Title Secretary Treasurer	
Signature 	Telephone No. 705-645-5431	Date (dd-mmm-yyyy) 29-03-2016



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

3. Record of Emergency Training Provided - For most recent 12-month period.

Training on Emergency Response Plan and Procedures provided to facility key contacts.

Training Date (dd-mmm-yyyy) Prior to activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

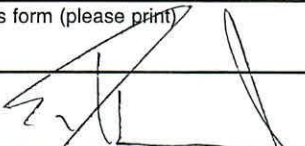
Training on the facility's Emergency Management Procedures provided to staff.

Training Date (dd-mmm-yyyy) Prior to activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training.

Training Date (dd-mmm-yyyy) Prior to activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Greg Hammond	Official Title Secretary Treasurer	
Signature 	Telephone No. 705-645-5431	Date (dd-mmm-yyyy) 29-03-2016



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

4. Emergency Training Plan for Coming Year

Training on Emergency Response Plan and Procedures provided to facility key contacts.

Target Date (dd-mmm-yyyy) To be established at activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Training on the facility's Emergency Management Procedures provided to staff.

Target Date (dd-mmm-yyyy) To be established at activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training.

Target Date (dd-mmm-yyyy) To be established at activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Greg Hammond	Official Title Secretary Treasurer
Signature 	Telephone No. 705-645-5431
	Date (dd-mmm-yyyy) 29-03-2016



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services.

5. Emergency Response Communications Plan

Warnings and Actions

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).

In the event of a fire/significant propane leak the operator will activate the Emergency Stop control on the dispenser and/or vehicle

The operator will contact the Emergency Fire Services by calling 9-1-1 and initiate facility evacuation

Hammond Transportation will oversee localized evacuation of employees, customers and any others to the identified evacuation point

Facility Contact will contact propane Supplier Key Contact who will activate ERAP (if necessary) and report to TSSA through Spills Action Centre

Describe what action is to be taken and by whom when a warning is issued (including details of a meeting place in a safe identified area and activating the evacuation plan, if necessary).

The operator, after activating the Emergency Stop controls will orally notify any other employees or visitors on-site to evacuate then call 9-1-1

All employees and visitors (customers) will immediately vacate the building and premises and meet at the front of the main office entrance in the parking lot

Communication with Emergency Response Authorities

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).

All employees instructed to and authorized to activate emergency response authorities by calling 9-1-1 upon occurrence of fire and/or significant leak

Continued flow of information to be provided as it occurs by person of responsibility to the fire services

In the event of an emergency, the site manager is required to be present to provide updated information

Describe provisions for fire department entry when there are no operations or staffing at the propane site.

Dispenser and facility is accessible to fire department during normal business hours

A fire department key lock box is secured to the main yard gate fence

Describe how the licence holder will ensure continual flow of updated information to authorities.

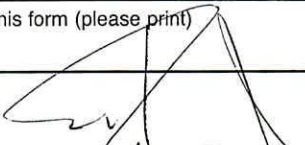
Fire services are formally invited for a full site review on an annual basis with supplementary site access for training or orientation as requested

TSSA conducts a comprehensive inspection annually. Site specific emergency procedures are reviewed annually with all employees

How long will it take the facility liaison person to respond to the site.

24 Hour Facility Contact Person will be able to respond to site in approximately 8 minutes

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Greg Hammond	Official Title Secretary Treasurer	
Signature 	Telephone No. 705-645-5431	Date (dd-mmm-yyyy) 29-03-2016



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services.

6. Building and Site Security and Procedures

	Yes	No
1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there adequate night lighting at the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are there procedures that capture and record the daily inspection of hoses and inspection requirements for filling systems and mechanical devices used in the transfer of propane?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Are weighing systems validated for accuracy?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Is the schedule of maintenance and testing activities retained on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7. Water Supply

The propane licence holder should work with the local fire department to determine water supply capabilities that are available based on the propane facility's location.

	Yes	No
1. Is a pressurized water system available at the propane facility site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)	<u>68m</u>	
4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only)	<u>420m</u>	

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Greg Hammond	Official Title Secretary Treasurer
Signature 	Telephone No. 705-645-5431
	Date (dd-mmm-yyyy) 29-03-2016



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

The licence holder will complete Section B in consultation with the local Fire Services
8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services

Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?

Yes No

If not, please explain (e.g., no fire services).

Fire services comments, if any:

To be completed by the Licence Holder

In response to the above comments, the following action(s) is required:

The licence holder will respond to the Local Fire Services comments by:

(dd-mmm-yyyy)

LOCAL FIRE SERVICES

The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.

Print name	Signature	Date (dd-mmm-yyyy)
Local Fire Services Name Michael Peake	<i>Michael Peake</i>	March 3/2016

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Greg Hammond	Official Title Secretary Treasurer	
Signature 	Telephone No. 705-645-5431	Date (dd-mmm-yyyy) 29-02-2016



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS

Applicant must include a Facility Site Plan and Map of Surrounding Area

Facility Site Plan.

The licence holder will submit a copy of the original facility site plan updated with the following information:

1. The storage location of fixed, portable, and mobile vessels.
2. The maximum volume, types and storage location of hazardous materials.
3. Location of permanent structures on site.
4. Access and egress points and location of barriers.
5. Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and location of fire hydrant or water supply where available.
6. Location of emergency shut off/shut down switches/valves.

Map of Surrounding Area.

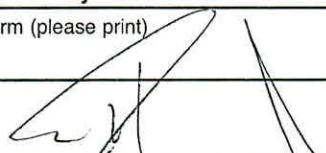
The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
8. GPS co-ordinates of the single largest vessel.
9. Visual indication of the single largest fixed vessel and a circle made using the distance in Table 1 as the radius from the single largest fixed vessel.
10. Clear indication of the municipality or municipalities present within the circle.
11. Visual indication of property line information.
12. The location and name of roads within or abutting the site.
13. Key note to the drawing indicating the facility's municipal address, municipal lot number(s) and concession lines as applicable, and the date the map was prepared.
14. Address and contact information for each municipality (municipal clerk or secretary-treasurers of planning board). (Refer to page 5.)
15. Complete "Required Mapping Information from Updated Site Plan" in table below .

Required Mapping Information from Updated Site Plan

Date map prepared (dd-mmm-yyyy) 18-feb-2016	Capacity of single largest propane storage vessel (USWG) 5000
Tank setback coordinates. Indicate placement on the map.	
Front: 72.3m	Right side property line: 45.8m
Rear: 118.6m	Left side property line: 92.9m
GPS coordinates of single largest vessel: 45°1'1.30"N, 79°18'55.66"W	

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) Greg Hammond	Official Title Secretary Treasurer
Signature 	Telephone No. 705-645-5431
	Date (dd-mmm-yyyy) 29-03-2016



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS (cont'd)

Applicant must include a Facility Site Plan and Map of Surrounding Area

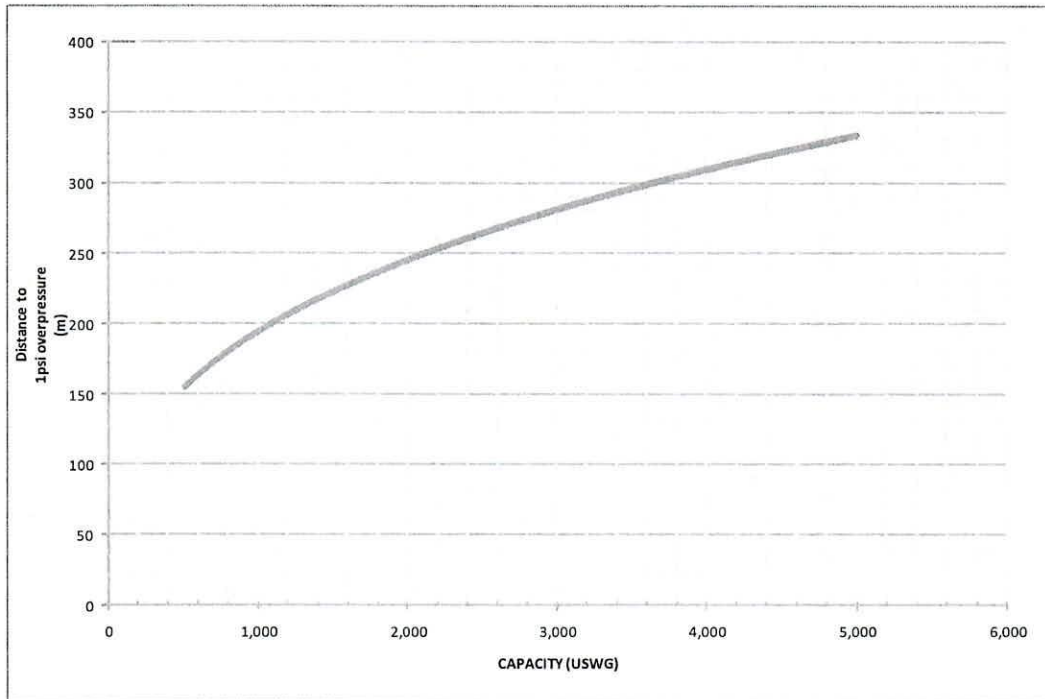
Table 1: Distance Table

Water Capacity (litres)	Nominal Water Capacity (USWG)	Distance to 1 psi overpressure (m)
1,890	500	155
3,780	1,000	195
4,920	1,300	213
6,620	1,750	235
7,130	1,885	241
7,560	2,000	246
18,900	5,000	333

Formula: $D = 16.94 \times (1.524 \times C)^{1/3}$
 D = Distance to overpressure of 1 psi (meters)
 C = Tank Total Capacity in USWG

Parameters: Density of Propane is 0.5033 kg per litre @ 15 C
 Assume all vessels are 80% full
 1 gallon [US, liquid] = 0.003785411784 cubic meter
 1 cubic metre = 264.17 USWG

Hazard Distance Chart (EPA-TNT model)





Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

SECTION C: SUBMISSIONS (cont'd)

Applicant must include a Facility Site Plan and Map of Surrounding Area

As an accompaniment to the Map of Surrounding Area, provide the following information about buildings and features present within the circle in Table 2.

Table 2: Buildings and Features

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: <u>Muskoka Transport Ltd.</u> Address: <u>456 Ecclestone Drive</u> City: <u>Bracebridge</u> Province <u>ON</u> Postal Code <u>P1L 1R1</u>			X		<u>98</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: [REDACTED] Address: [REDACTED] City: [REDACTED]			X		<u>288</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Multi-Tenant Commercial (Mall)</u> Address: <u>440 Ecclestone Drive</u> City: <u>Bracebridge</u> Province <u>ON</u> Postal Code <u>P1L 1Z6</u>			X		<u>67</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m

* For multi-unit buildings, count each unit as "1".

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Name of person completing this form (please print) <u>Greg Hammond</u>	Official Title <u>Secretary Treasurer</u>
Signature 	Telephone No. <u>705-645-5431</u> Date (dd-mmm-yyyy) <u>29-03-2016</u>



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
Fax: 416.231.4078
Customer Service: 1.877.682.8772

Level 1 Risk and Safety Management Plan (RSMP)
Technical Standards and Safety Act
Propane Storage and Handling Regulation

WORKSHEET

Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9	0	0
# 100	29.5	0	0
# 40	11.75	0	0
# 33.3	9.62	0	0
# 30	8.8	0	0
# 20	5.8	0	0
# 10	2.9	0	0
# 5	1.5	0	0
Total Cylinder Capacity 0			

Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
Total Tank Capacity 0		

Total Cylinder Capacity	0
Total Tank Capacity	0
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	0