

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 <i>Technical Standards and Safety Act</i>	For Office Use Only
Licence Number	
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

	e Undersigned ap pane Storage an	d Handling Regulation	211.		
	Company Name				Corporation No.
Α					
	Operator Name (if differ	ent from above)			
	Telephone No.	Fax No.	E-mail		
В	Street No.	Street Name / 911 Number / A	Address, if applicable		
	Town / City or Townshi	p / County		Province	Postal Code
	Mailing address if	different from above.			
С	Street No.	Street Name / 911 Number / /	Address, if applicable		
	Town / City or Township	> / County		Province	Postal Code
In	formation on Cont	ainer Refill Centre or Fil	lling Plant		
	Location of facility.		A 1 1		
D	Street No.	Street Name / 911 Number / A	Address, if applicable	Nearest Major Inters	section
				Dravinaa	Postal Code
	Town / City or Township	J / County		Province	
	<u> </u>			I	
	Name of Licence Holder			l	
		agement person as defined in th	ne regulation holding the Re	ecord of Training (ROT).	ROT type
	Name of a Senior Mana	agement person as defined in th palities if the facility or its haza			ROT type
	Name of a Senior Mana				ROT type
	Name of a Senior Mana Municipality (or municipality Hours of operation.		ard distance touches multiple		
	Name of a Senior Mana Municipality (or municipality for m	palities if the facility or its haza	ard distance touches multiple	e borders)	pm
	Name of a Senior Mana Municipality (or municip Hours of operation.	palities if the facility or its haza	ard distance touches multiple	e borders) Friday: am	pm

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	Signature	Date (dd-mmm-yyyy)
Name of Licence Holder		
Name of Senior Management person as defined in the		
Regulation holding the Record of Training		



SECTION A: GENERAL INFORMATION (cont'd)

Indicate the year the facility was estab	lished.	Indicate	e the year	of any sig	nificant mo	difications	, as define	ed in s.1, (O.Reg 211	/01, since	establishm	nent.
Identify the psig rating and serial number	per for ea	ich fixed p	propane st	orage tan	k on site.							
PSIG			Serial N	lumber								
Tank1:												
Tank2:												
Tank3:												
Enter capacity of propane in USWG, f	ixed, por	table, and	l mobile, a	and provid	le detailed	inventory	that inclu	ides the i	number of	tank/vess	el for	
each type (fixed, portable, and mobile) and the	capacity	of each ta	ank/vesse	l, on a se	parate doo	ument.					
Fixed:		Portable	ə:			Mob	ile:					
				Activity	Informati	on						
To protect the confidentiality of th				-	•				Safety A	uthority ((TSSA) ar	nd fire
services as sensitive, competitive	inform	ation une	der provi	ncial an	d municij	oal priva	cy legisla	ation.				
Noto: Nowly built facilities are to com	plata this	. agation v	with boot o	wailabla	atimataa							
Note: Newly built facilities are to com	piete this	section v	viti dest a		estimates.							
Provide the following information for the	ne most r	ecent 12-r	nonth peri	od.								
Description						Month	S					
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Throughput (litres)												
Maximum No. of transfers (if applicable)												
Number of Deliveries received												
Number of Cylinder-fills						1						
Number of Motor-fills												I
Provide the daily throughput on the te	en highes	t through	out days o	of the pas	t year and	dates of	occurrenc	es.				
Date of Occurrence (dd-mm-yyyy)		Throughp	ut (litres)				Occurrenc nm-yyyy)	e		Throughpu	ut (litres)	
(dd iiiii yyyy)		moughp	ar (introo)		1	(uu i				rnoughpt	ar (introo)	
1					6							
2					7							
3					8							
4					9							
5					10							
If throughput exceeds the fixed storage	ge capac	ity of the	site, provi	de an exp	lanatory n	ote as to	the cause).				

Name of person completing this form (please print)	Official Title		
Signature	Telephone No.	Date (dd-mmm-yyyy)	



SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s)					Party No.
Street No. Street	Name Lot / Concession No.				
Town / City or Township / Country Province				Postal Code	
Telephone No.	Fax No.	Contact Name			
E-mail					

Name of Propan	e Transporter. If same as a	above, please check box.	For Office	e Use - Party No.		
Street No. S Street Name/ 911 Number/Address, if applicable						
Town / City or To	ownship / Country		Province	Postal Code		
Telephone No.	Fax No.	Contact Name				
E-mail						

Off-site Cylinder and/or Mobile Storage		Capacity stored off-site, in USWG		For Office Use - Party No.			
Street No.	Street Name Lot / Concession No.						
Town / City or T	ownship / Country			Province		Postal Cod	e
Telephone No.	Fax No.	Contact Na	me				

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

Name of person completing this form (please print)	Official Title			
Signature	Telephone No.	Date (dd-mmm-yyyy)		



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.
Description of fire and emergency equipment indicated on facility site map.
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.
Maintenance and testing schedule for fire protection controls and devices.

Name of person completing this form (please print)	Official Title			
Signature	Telephone No.	Date (dd-mmm-yyyy)		



Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel: 416.734.3300 Fax: 416.231.4078 Customer Service: 1.877.682.8772

www.tssa.org							
SECTION B:	EMERG	ENCY AND PRE	EPAREDNESS RESPONSE	PLAN (cont	:'d)		
		1. Contacts for I	Emergency Response				
1. Facility Contact Personnel - Key	Contact		5. Facility 24-Hour Contact Person				
Name	Fo	or Office Use - Party No.	Name		For Office Use - Party No.		
Official Title			D Official Title				
Telephone No.	Fax No.		Cell No.	Fax No.			
E-mail			E-mail	-			
Role and responsibilities in emergency	y		Role and responsibilities in emergen	су			
2. Facility Contact Personnel - All	ternate Conta	act	6. Name of Facility Manager				
Name	Fo	or Office Use - Party No.	Name		For Office Use - Party No.		
Official Title			Official Title				
Telephone No.	Fax No.		Telephone No. Fax No.				
E-mail			E-mail	•			
Role and responsibilities in emergency			Role and responsibilities in emergency				
3. Local Fire Services - Key Conta	ct		7. Propane Supplier Key Contact Person				
Name		or Office Use - Party No.	Name For Office Use - Party No.				
Official Title	E-mail		Official Title	E-mail			
Telephone No.	Fax No.		Telephone No.	Fax No.			
Role and responsibilities in emergency	y		Role and responsibilities in emergency				
Fire Services Address			Propane Supplier Address				
4. Local Fire Services - Alternate C	ontact		8. Municipal Contact				
Name	Fo	or Office Use - Party No.	Name For Office Use - Party N				
Official Title	E-mail		Official Title				
Telephone No.	Fax No.		Telephone No. Fax No.				
Role and responsibilities in emergency	y		E-mail				
Fire Services Address		Municipality Name and Address					

Name of person completing this form (please print)	Official Title	
Signature	Telephone No.	Date (dd-mmm-yyyy)



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 C	ode and Standards requirements.	

Name of person completing this form (please print)	Official Title	
Signature	Telephone No.	Date (dd-mmm-yyyy)



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

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

Training on Emergency Re	sponse Plan and Procedures provided to facility key contacts.
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training on the facility's Em	nergency Management Procedures provided to staff.
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
On-site specific training pro	ovided to certificate holders / persons with Records of Training.
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
	•

Name of person completing this form (please print)	Official Title	
Signature	Telephone No.	Date (dd-mmm-yyyy)



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

4. Emergency Training Plan for Coming Year

Training on Emergency Re	esponse Plan and Procedures provided to facility key contacts.
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training on the facility's En	nergency Management Procedures provided to staff.
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
On-site specific training pro	ovided to certificate holders / persons with Records of Training.
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Name of person completing this form (please print)	Official Title	
Signature	Telephone No.	Date (dd-mmm-yyyy)



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).

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).

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).
placed to 911).
Describe provisions for fire department entry when there are no operations or staffing at the propane site.
Describe how the licence holder will ensure continual flow of updated information to authorities.
How long will it take the facility liaison person to respond to the site.

Name of person completing this form (please print)	Official Title	
Signature	Telephone No.	Date (dd-mmm-yyyy)



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)?		
2.	Is there adequate night lighting at the site?		
3.	Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials?		
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?		
5.	Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders?		
6.	Are weighing systems validated for accuracy?		
7.	Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)?		
8.	Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves)		
9.	Is the schedule of maintenance and testing activities retained on site?		
	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.

- 1. Is a pressurized water system available at the propane facility site?
- 2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?
- 3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)
- 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)

Yes	No

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)	Official Title	
Signature	Telephone No.	Date (dd-mmm-yyyy)



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www.issa.org	
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 ServicesYesNoHas the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?	
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-mr		Date (dd-mmm-yyyy)	
Local Fire Services Name			

Name of person completing this form (please print)	Official Title	
Signature	Telephone No.	Date (dd-mmm-yyyy)



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.
- Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and 5. 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)	Capacity of single largest propane storage vessel (USWG)
Tank setback coordinates. Indicate placement on the	e map.
Front:	Right side property line:
Rear:	_ Left side property line:
GPS coordinates of single largest vessel:	

Name of person completing this form (please print)	Official Title	
Signature	Telephone No.	Date (dd-mmm-yyyy)



SECTION C: SUBMISSIONS (cont'd)

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

Table 1: Distance Table

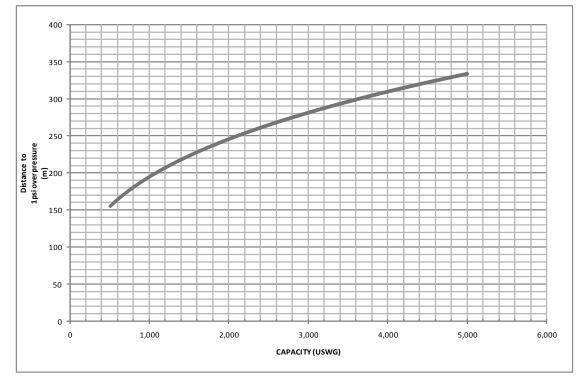
Water Capacity (litres)	Nominal Water Capacity (USWG)	Distance to 1 psi overpressure (m)
1,890	500	155
3,780	1,000	195
4,920	1,300	213
6,620	1,750	235
7,130	1,885	241
7,560	2,000	246
18,900	5,000	333

Formula: $D = 16.94 \text{ x} (1.524 \text{ x C})^{1/3}$

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)





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			of Build eatures th an "2	Distance from Tank to Closest Building or	
AND Name and Address of Closest Building of Feature	0	1	2-10	11+	Feature
Industrial buildings or parks or golf courses Name:					m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name:					m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name Address: City: Province Postal Code					m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name:					m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: Address: City: Province Province Postal Code					m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name:					m

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

Name of person completing this form (please print)	Official Title	
Signature	Telephone No.	Date (dd-mmm-yyyy)



WORKSHEET

Portable Storage Additional Information Worksheet

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

Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG

Total Tank Capacity

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

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

The following fees are applicable only if there are changes to the most recent RSMP submission.

If this RSMP is for a new facility/License Holder Change, RSMP fees are charged as part of the initial application fee and the fees below do not apply.

If there are no changes to the RSMP, no RSMP fees are due.

FEES (HST Registration No: 891131369)

					Total	
		Fee			(Including	Total
Select	Service	Туре	Fee	HST	HST)	Fees Due
	Risk Safety Management Plan (RSMP) -					
	Changes to RSMP from prior year's submission					
	Bulk Plant & Fill Sites - L1, <5,000 Gallons					
	(includes review)	Flat*	\$ 213.00	\$ 27.69	\$ 240.69	
	Expedited Services**					
	Expedited Engineering Services					
	(Additional charge to engineering review per site					
	application)	Flat	\$ 533.50	\$ 69.36	\$ 602.86	

Total Fees Due

If paying by credit card, amount in Box 1 to be entered in TSSA Service Prepayment Portal

1

All required fees must be prepaid for application to be processed. Fees are non-refundable. For payment options, see Payment Instructions

*Flat fees relating to engineering services or initial inspection may be subject to additional billing if engineering submissions are inadequate or require excessive engineering review/initial inspection time. Additional billing, if any, will be billed in 1/4 hour increments at the applicable hourly labour rate based on TSSA's posted fee schedule. All labour rates are per inspector or engineer.

****Expedited Services**

Expedited service fees are non-refundable Expedited services places your application in an expedited service line.



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PAYMENT INSTRUCTIONS

TSSA use only	L #	CH #	
WO #			

If paying by cheque, bank draft, money order, this form must accompany all applications submitted to TSSA. A separate payment form is required for each application. Please refer to our fee schedule posted on our website www.tssa.org. HST Registration No: 891131369.

Payment Options:

Credit Card - Click link below

TSSA Service Prepayment Portal https://forms.tssa.org/Payments/Service-Prepayment-Portal

Cheque, Bank Draft or Money Order (payable to Technical Standards and Safety Authority)

Name of Applicant/Organization: Telephone No: Email Address:

Cheque/Bank Draft/Money Order #:_____

Mail payment along with a copy of your application to:

Attention: Accounts Receivable Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9

If a copy of the application is not submitted with your payment, this will delay the processing of the application.

Dishonored Payments: A \$35 administration fee will apply for each returned item