

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 propanelicensing@tssa.org www.tssa.org

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

Level 1 Risk and Safety Management Plan (RSMP)

Technical Standards and Safety Act

Propane Storage and Handling Regulation

			USWG of portable propane stor	age capacity on site.	
	Making a	a false statement ma	s form may result in rejection. y result in a fine or prosecution standards and Safety Act		
Lice	nce Number N/A				
Checl	k applicable type of prop	ane operations.	18		
	Cylinder	✓ Motor Fill	Filling Plant Card	/Kevlock	
Subn	nit along with this comple	ted application a Facility	Site Plan and a Map of the Surrounding A	, , , , , , , , , , , , , , , , , , , ,	
			SECTION A: GENERAL	INFORMATION	
Pro	Undersigned ap pane Storage an Company Name		r a review for an RSMP und ulation.	der Ontario's <i>Technical</i>	Standards and Safety Act, Corporation No.
Α	Century Transportat	ion Ltd.			001902697
	Operator Name (if differ Century Transportat	•			
	Telephone No. 705.748.6301	Fax No. 705.875.5821	E-mail brianb@centurytransportation	on.ca	
В	StreetNo.	Lansdowne Street E	nber / Address, if applicable ast		
	Town / City or Townshi Peterborough	ip / County		Province Ontario	Postal Code K9L 2A3
	Mailing address if StreetNo. 365	Street Name / 911 Nu Lansdowne Street	mber / Address, if applicable		
	Town / City or Township Peterbprough	o / County		Province Ontario	Postal Code K9L 2A3
ln	formation on Cont Location of facility.			7	
D	Street No.	1	mber / Address, if applicable	Nearest Major Interse	
		Lansdowne Street I	=ast	——————————————————————————————————————	& Ashburnham Drive
	Town / City or Township	p / County		Province	Postal Code
	Peterborough			Ontario	K9L 2A3
	Name of Licence Holder				
	Name of a Senior Mana Brian Bolton	agement person as defin	ed in the regulation holding the Record o	f Training (ROT).	ROT type 100-02
	Municipality (or munici	palities if the facility or it	ts hazard distance touches multiple borde	ers)	Ę
9	Peterborough Hours of operation.				



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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. 2017	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 eac	n fixed propane storage tank on site.				
PSIG	Serial Number				
Tank1: 250 psig	5.563223				
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: 2000 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)	Official Title	
Brian Bolton	Regional Manager, Ontario	
Signature A A	Telephone No.	Date (dd-mmm-yyyy)
Acad All	705.748.6301	13-07-2017

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Technical Standards and Safety Act Propane Storage and Handling Regulation

Level 1 Risk and Safety Management Plan (RSMP)

SECTION A: GENERAL INFORMATION (cont'd)

			AC	suvity information			
Name of Propar	ne Supplie	er(s)				For Office Use -	Party No.
Superior Propane							
Street No.			/ Address, if applicable				
6722	Highway	7A					
Town / City or T Peterborough	ownship /	Country			Province Ontario		Postal Code K9J 6X5
Telephone No.		Fax No.	Contact N	lame			
1.877-873.7467		1-705.745.3834	Ron Taylor				
E-mail			· ·				
TaylorR@Superior	Propane.c	om					
						T	
Name of Propart Trimac Transporta		orter. If same as	above, please check b	юх.		For Office Use -	Party No.
Street No. 1700-800	Street N 5th Avenu		/ Address, if applicable				
Town / City or T Calgary	ownship /	Country			Province Alberta		Postal Code T2P 5A3
Telephone No. 403.298.5100		Fax No. 403.298.5146	Contact N Dale Eaid	lame			
E-mait N/A			•				
Off-site Cylinde	r and/or I	Mobile Storage		Capacity stored of	off-site, in USWG	For Office Use -	Party No.
Street No.	Street N	ame / 911 Number	/ Address, if applicable	-1,-			
Town / City or T	ownship /	Country			Province		Postal Code
Telephone No.	Telephone No. Fax No. Contact Name				1		
Note: Customer s	torage is i	not considered off-	-site storage.				

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Brian Bolton	Regional Manager, Ontario		
Signature	Telephone No.	Date (dd-mmm-yyyy)	
Austle	705.748.6301	13-07-2017	



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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. There are no hazardous substances stored on site as facility is a dispatch office. The service garage does have some oils and grease to service vehicles but
this is not considered hazardous and quantities are small.
Description of fire and emergency equipment indicated on facility site map.
There will be a fire extinguisher at the propane tank and there are fire extinguishers located inside the office area and the service garage area.
List of fire protection controls (a.g., fire detection systems fire notification systems, cutomatic shut off devices, fusible links, etc.)
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.
The tank is equipped with a fusible link that will melt in case of a fire. This will close the internal valve and stop any flow of propane to the meter or vehicle
being filled. There will be a remote emergency shutdown button at the tank to top the pump. There are no other special features at this site.
Maintenance and testing schedule for fire protection controls and devices.
The tank and equipment are checked annually by the propane supplier and the Technical Standards & Safety Authority inspector will inspect the tank and
the emergency shut-down system annually
The energency shut-down system annually

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Signature // //	Telephone No.	Date (dd-mmm-yyyy)
(Austilla)	705.748.6301	13-07-2017



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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 Perso	on
Name Brian Bolton		For Office Use - Party No.	Name Brian Bolton	For Office Use - Party No.
Official Title Regional Manager, Ontario			Official Title Regional Manager, Ontario	
Telephone No. 705.748.6301	Fax No. 705.875.58	321	Cell No. 705.748.6301	Fax No. 705.875.5821
E-mail brianb@centurytransportation.ca			E-mail brianb@centurytransportation.ca	
Role and responsibilities in emergence	у		Role and responsibilities in emergen	су
To insure all employees are trained in t	_			maintained and site is clear and individuals
make sure all equipment is maintained	and operation	onal. Calls 911	are trained under Code requirements	
2. Facility Contact Personnel - Alt	ternate Co	ntact	6. Name of Facility Manager)
Name David Fernihough		For Office Use - Party No.	Name Brian Bolton	For Office Use - Party No.
Official Title Assistant Manager			Official Title Regional Manager, Ontario	***
Telephone No. 705.748.6301	Fax No. 705.875.5	821	Telephone No. 705.748.6301	Fax No. 705.875.5821
E-mail davidfe@centurytransportation.ca			E-mail brianb@centurytransportation.ca	
Role and responsibilities in emergenc	у		Role and responsibilities in emergen-	су
Assists with Emergency Procedures an have evacuated the buildings	d makes sur	re customers and staff	Same as Item 1	
3. Local Fire Services - Key Conta	ct		7. Propane Supplier Key Contact I	Person
Name Chad Brown		For Office Use - Party No.	Name Mark Wakeford	For Office Use - Party No.
Name Chad Brown Official Title	E-mail	For Office Use - Party No.	Name Mark Wakeford Official Title	For Office Use - Party No.
Chad Brown		For Office Use - Party No.	Mark Wakeford	
Chad Brown Official Title		peterborough.ca	Mark Wakeford Official Title	E-mail
Chad Brown Official Title Deputy Fire Chief Telephone No.	cbrown@p Fax No. 705.745.24 y City of Peterb	peterborough.ca 460 orough and reports to Fire	Mark Wakeford Official Title Manager Telephone No. 1-877.738.7033 Role and responsibilities in emergen	E-mail wakefordm@superiorpropane.com Fax No. 705.745.383 cy and can arrange for equipment to come to the
Chad Brown Official Title Deputy Fire Chief Telephone No. 705.745.3283 Role and responsibilities in emergenc Coordinates Fire Prevention services for Co	cbrown@p Fax No. 705.745.24 y City of Peterb vices resource	peterborough.ca 460 orough and reports to Fire	Mark Wakeford Official Title Manager Telephone No. 1-877.738.7033 Role and responsibilities in emergency the Emergency Response Group of the State o	E-mail wakefordm@superiorpropane.com Fax No. 705.745.383 cy and can arrange for equipment to come to the dinate industry response
Chad Brown Official Title Deputy Fire Chief Telephone No. 705.745.3283 Role and responsibilities in emergenc Coordinates Fire Prevention services for Chief and coordinates Fire Prevention services Fire Services Address	cbrown@p Fax No. 705.745.24 y City of Peterb vices resource oke St., Pete	peterborough.ca 460 orough and reports to Fire	Mark Wakeford Official Title Manager Telephone No. 1-877.738.7033 Role and responsibilities in emergent Knows the Emergency Response Group a site in case of emergencies and can coon Propane Supplier Address	E-mail wakefordm@superiorpropane.com Fax No. 705.745.383 cy and can arrange for equipment to come to the dinate industry response
Chad Brown Official Title Deputy Fire Chief Telephone No. 705.745.3283 Role and responsibilities in emergenc Coordinates Fire Prevention services for C Chief and coordinates Fire Prevention ser Fire Services Address Peterborough Fire Services, 210 Sherbroo	cbrown@p Fax No. 705.745.24 y City of Peterb vices resource oke St., Pete	peterborough.ca 460 orough and reports to Fire	Mark Wakeford Official Title Manager Telephone No. 1-877.738.7033 Role and responsibilities in emergen Knows the Emergency Response Group site in case of emergencies and can coon Propane Supplier Address Superior Propane, 6722 Highway 7A, 1	E-mail wakefordm@superiorpropane.com Fax No. 705.745.383 cy and can arrange for equipment to come to the dinate industry response
Chad Brown Official Title Deputy Fire Chief Telephone No. 705.745.3283 Role and responsibilities in emergenc Coordinates Fire Prevention services for C Chief and coordinates Fire Prevention ser Fire Services Address Peterborough Fire Services, 210 Sherbroo 4. Local Fire Services - Alternate C Name	cbrown@r Fax No. 705.745.24 y Dity of Peterb vices resource oke St., Pete	peterborough.ca 460 orough and reports to Fireces. rborough, ON. K9J 2N3	Mark Wakeford Official Title Manager Telephone No. 1-877.738.7033 Role and responsibilities in emergen Knows the Emergency Response Group site in case of emergencies and can coon Propane Supplier Address Superior Propane, 6722 Highway 7A, I 8. Municipal Contact Name	E-mail wakefordm@superiorpropane.com Fax No. 705.745.383 cy and can arrange for equipment to come to the dinate industry response Peterborough, ON., K9J 6X5
Chad Brown Official Title Deputy Fire Chief Telephone No. 705.745.3283 Role and responsibilities in emergenc Coordinates Fire Prevention services for Chief and coordinates Fire Prevention services Address Peterborough Fire Services, 210 Sherbrod 4. Local Fire Services - Alternate Consumer Cathy Robertson Official Title	cbrown@r Fax No. 705.745.24 y Dity of Peterb vices resource oke St., Pete	peterborough.ca 160 porough and reports to Fire class. rborough, ON. K9J 2N3 For Office Use - Party No. In@peterborough.ca	Mark Wakeford Official Title Manager Telephone No. 1-877.738.7033 Role and responsibilities in emergent Knows the Emergency Response Group a site in case of emergencies and can coor Propane Supplier Address Superior Propane, 6722 Highway 7A, I 8. Municipal Contact Name John Kennedy Official Title Clerk/Manager of Council Services Telephone No.	E-mail wakefordm@superiorpropane.com Fax No. 705.745.383 cy and can arrange for equipment to come to the dinate industry response Peterborough, ON., K9J 6X5
Chad Brown Official Title Deputy Fire Chief Telephone No. 705.745.3283 Role and responsibilities in emergenc Coordinates Fire Prevention services for Chief and coordinates Fire Prevention services Address Peterborough Fire Services, 210 Sherbrod 4. Local Fire Services - Alternate Consumer Cathy Robertson Official Title Chief Fire Prevention Officer Telephone No.	cbrown@r Fax No. 705.745.24 y City of Peterb vices resource coke St., Peter contact E-mail carobertso Fax No. 705.745.24	peterborough.ca 160 porough and reports to Fire class. rborough, ON. K9J 2N3 For Office Use - Party No. In@peterborough.ca	Mark Wakeford Official Title Manager Telephone No. 1-877.738.7033 Role and responsibilities in emergent Knows the Emergency Response Group a site in case of emergencies and can coon Propane Supplier Address Superior Propane, 6722 Highway 7A, I 8. Municipal Contact Name John Kennedy Official Title Clerk/Manager of Council Services	E-mail wakefordm@superiorpropane.com Fax No. 705.745.383 cy and can arrange for equipment to come to the dinate industry response Peterborough, ON., K9J 6X5 For Office Use - Party No.
Chad Brown Official Title Deputy Fire Chief Telephone No. 705.745.3283 Role and responsibilities in emergenc Coordinates Fire Prevention services for C Chief and coordinates Fire Prevention ser Fire Services Address Peterborough Fire Services, 210 Sherbrod 4. Local Fire Services - Alternate C Name Cathy Robertson Official Title Chief Fire Prevention Officer Telephone No. 705.745.3284	cbrown@r Fax No. 705.745.24 y City of Peterb vices resource contact E-mail carobertso Fax No. 705.745.24	peterborough.ca 160 orough and reports to Fire cless. rborough, ON. K9J 2N3 For Office Use - Party No. n@peterborough.ca	Mark Wakeford Official Title Manager Telephone No. 1-877.738.7033 Role and responsibilities in emergent Knows the Emergency Response Group a site in case of emergencies and can coor Propane Supplier Address Superior Propane, 6722 Highway 7A, I 8. Municipal Contact Name John Kennedy Official Title Clerk/Manager of Council Services Telephone No. 705.742.7777 Ext: 1799	E-mail wakefordm@superiorpropane.com Fax No. 705.745.383 cy and can arrange for equipment to come to the dinate industry response Peterborough, ON., K9J 6X5 For Office Use - Party No.
Chad Brown Official Title Deputy Fire Chief Telephone No. 705.745.3283 Role and responsibilities in emergenc Coordinates Fire Prevention services for Chief and coordinates Fire Prevention services Fire Services Address Peterborough Fire Services, 210 Sherbrod 4. Local Fire Services - Alternate Chamber Cathy Robertson Official Title Chief Fire Prevention Officer Telephone No. 705.745.3284 Role and responsibilities in emergence Assist chief with coordination of Fire Services	cbrown@r Fax No. 705.745.24 y City of Peterb vices resource contact E-mail carobertso Fax No. 705.745.24	peterborough.ca 160 orough and reports to Fire cless. rborough, ON. K9J 2N3 For Office Use - Party No. n@peterborough.ca	Mark Wakeford Official Title Manager Telephone No. 1-877.738.7033 Role and responsibilities in emergent Knows the Emergency Response Group a site in case of emergencies and can coor Propane Supplier Address Superior Propane, 6722 Highway 7A, I 8. Municipal Contact Name John Kennedy Official Title Clerk/Manager of Council Services Telephone No. 705.742.7777 Ext: 1799 E-mail	E-mail wakefordm@superiorpropane.com Fax No. 705.745.383 cy and can arrange for equipment to come to the dinate industry response Peterborough, ON., K9J 6X5 For Office Use - Party No.

Name of person completing this form (please print)	Official Title	2
Brian Bolton	Regional Manager, Ontario	
Signature	Telephone No.	Date (dd-mmm-yyyy)
//get gle/	705.748.6301	13-07-2017
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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. The facility is a simple tank installation used to refill vehicles operating on propane. There are no additional safety features or measures that exceed the			
Propane Code.			

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Brian Bolton	Regional Manager, Ontario	
Signature	Telephone No.	Date (dd-mmm-yyyy)
How file	705.748.6301	13-07-2017



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

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

Training on Emergency Res	sponse Plan and Procedures provided to facility key contacts.				
Training Date (dd-mmm-yyyy)	Print Name of Training Provider: Superior Propane				
30-07-2017	Print Name of Instructor: Mark Wakeford				
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 Em	ergency Management Procedures provided to staff.				
Training Date (dd-mmm-yyyy)	Print Name of Training Provider: Superior Propane				
30-07-2017	Print Name of Instructor: Mark Wakeford				
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 pro	vided to certificate holders / persons with Records of Training.				
Training Date (dd-mmm-yyyy)	Print Name of Training Provider: FSN Training & Development Inc.				
24-08-2017	Print Name of Instructor: Jack Trayling (#S191)				
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)	Official Title		
Brian Bolton	Regional Manager, Ontario		
Signature	Telephone No.	Date (dd-mmm-yyyy)	
	705.748.6301	13-07-2017	

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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 Re	sponse Plan and Procedures provided to facility key contacts.		
Target Date (dd-mmm-yyyy)	Print Name of Training Provider: Century Transportation Ltd.		
18-07-2018	Print Name of Instructor: Brian Bolton		
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 Em	ergency Management Procedures provided to staff.		
Target Date (dd-mmm-yyyy)	Print Name of Training Provider: Century Transportation Ltd.		
118-07-2017 Print Name of Instructor: Brian Bolton			
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 pro	ovided to certificate holders / persons with Records of Training.		
Target Date (dd-mmm-yyyy)	Print Name of Training Provider: FSN Training & Development Inc.		
10-08-2020	Print Name of Instructor: Jack Trayling		
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:		

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Brian Bolton	Regional Manager, Ontario		
Signature	Telephone No.	Date (dd-mmm-yyyy)	
(suffer)	705.748.6301	13-07-2017	

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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

War	ninas	and	Acti	ons

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate). The driver on site will notify the office at the main building a problem has occurred after pressing the ESD switch and closing the ISC valve. The

manager will inform staff and the proceed to contact the other businesses on site so they are aware of the situation. A final check of the building will be done.

before proceeding to the "Muster Point". The President or Manager will not delay to make a call to 9-1-1 and request fire and police response.

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).

After a warning is issued the manager will block off the entrance/exits to the site. Once the area is free of customers the staff will meet at the "Muster Point" (See Drawing P-101) and await the arrival of Emergency Responders.

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).

Once an emergency situation is confirmed at the propane facility, the Manager will call 911 to ask for Fire and Police response. The Manager will not delay and will make a call to 9-1-1. He always carries a cell phone and also has access to a phone inside the main office/dispatch area.

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

The site is open so access to the site after hours is available to the Emergency Responders from the City of Peterborough. If for some reason there is a need to gain access to the pumping equipment under the tank the Fire Responders can bolt cut the lock on the equipment enclosure if need be.

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

The manager will be on site as the site during operating hours. When Emergency Responders come to the site the Owner or Manager will meet

with them and will identify himself/herself as the person who is responsible for the propane and will communicate directly with the Emergency Responders.

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

15 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.

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Brian Bolton	Regional Manager, Ontario		
Signature / A.	Telephone No.	Date (dd-mmm-yyyy)	
fortalle	705.748.6301	13-07-2017	

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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 Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)? Is there adequate night lighting at the site? 2. 3. Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials? 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? Does the facility have procedures that include a process to isolate and purge any 5. overfilled propane cylinders? Are weighing systems validated for accuracy? 6. Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)? Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves) Is the schedule of maintenance and testing activities retained on site? 9. 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 Is a pressurized water system available at the propane facility site? 1. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location? What is the unobstructed distance to the closest water supply that could be used for 3. 130 m firefighting activities? (distance in metres only) 4. What is the unobstructed distance to the closest approved water supply with year N/A round access if there are no hydrants? (distance in metres only)

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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 a	and local Fire Services Review
To be completed by the Local Fire Services Has the local fire service had an opportunity to review the Emergen If not, please explain (e.g., no fire services).	Yes No acy Response and Preparedness Plan?
Fire services comments, if any: FIRE SERVICE COMMENTS PROMINE AUGUST 16, 2017. LETTER TRANSPORT & ROSS AT ALT To be completed by the Licence Holder In response to the above comments, the following action(s) is require	SENT TO BRIAN (CENTURY ENG.
The licence holder will respond to the Local Fire Services comme	ents by:(dd-mmm-yyyyy)
LOCAL I The undersigned has reviewed Section B of the Risk and Safe	FIRE SERVICES ty Management-Rian Fire Services.
Print name CHAD Brown Local Fire Services Name Chad Brown, Chief Fire Prevention Officer	Signature Date (dd-mmm-y 28-07-2017
Declaration: I am aware that it is an offend I hereby declare that the informati	ce to give false information in this document and on I have given here is true and complete.
lame of person completing this form (please print)	Official Title Regional Manager, Ontario
Signature A A A	Telephone No.

Telephone No.

705.748.6301

Date (dd-mmm-yyyy)

13-07-2017



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

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.

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4. Access and egress points and location of barriers.

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- 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) 19-06-2017		Capacity of single largest propane storage vessel (USWG) 2000 USWG		
Tank setback coordinates.	Indicate placement on th	ie map.		
Front:	255.6 m	Right side property line:	56.4 m	
Rear:	142.1 m	Left side property line:	5.0 m	
GPS coordinates of single largest vessel: Lat44°17'21.29"NLong 78°17'23.52"W				

200000000000000000000000000000000000000				
Name of person completing this form (please print)	Official Title			
Brian Bolton	Regional Manager, Ontario			
Signature	Telephone No.	Date (dd-mmm-yyyy)		
of far fills	705.748.6301	13-07-2017		



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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:

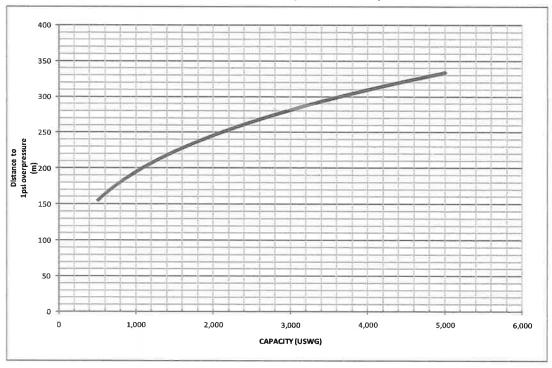
Density of Propane is 0.5033 kg per litre @ 15 C

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)





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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		and Fo	of Build eatures th an "2 2-10	•	Distance from Tank to Closest Building or Feature
Industrial Name: Address: City:	buildings or parks or golf courses Hansler Smith Limited 333 Lansdowne Street East Peterborough Province Ontario Postal Code K9L 2A3			X		<u>71</u> m
Name:	al building units specifically permanent single family dwellings, condominiums, and apartments. Province Province Postal Code	Х				m
Name:	ial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Province Province Postal Code	X				m
Commerce Name: Address: City:	ial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Splash Pool & Spa Sales & Services 365 Lansdowne Street East #4 Peterborough Province Ontario Postal Code K9L 2A3			x		<u>91</u> m
	institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health s, and prisons. Peterborough Pet Hospital 379 Lansdowne Street East Peterborough Province Ontario Postal Code K9L 2A3		x			m
Name:	ey responders specifically fire stations, ambulance stations, and police stations. Province Postal Code	X				m

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			
Brian Bolton	Regional Manager, Ontario			
Signature	Telephone No.	Date (dd-mmm-yyyy)		
1 Her flets	705.748.6301	13-07-2017		

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^{*} For multi-unit buildings, count each unit as "1";



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WORKSHEET

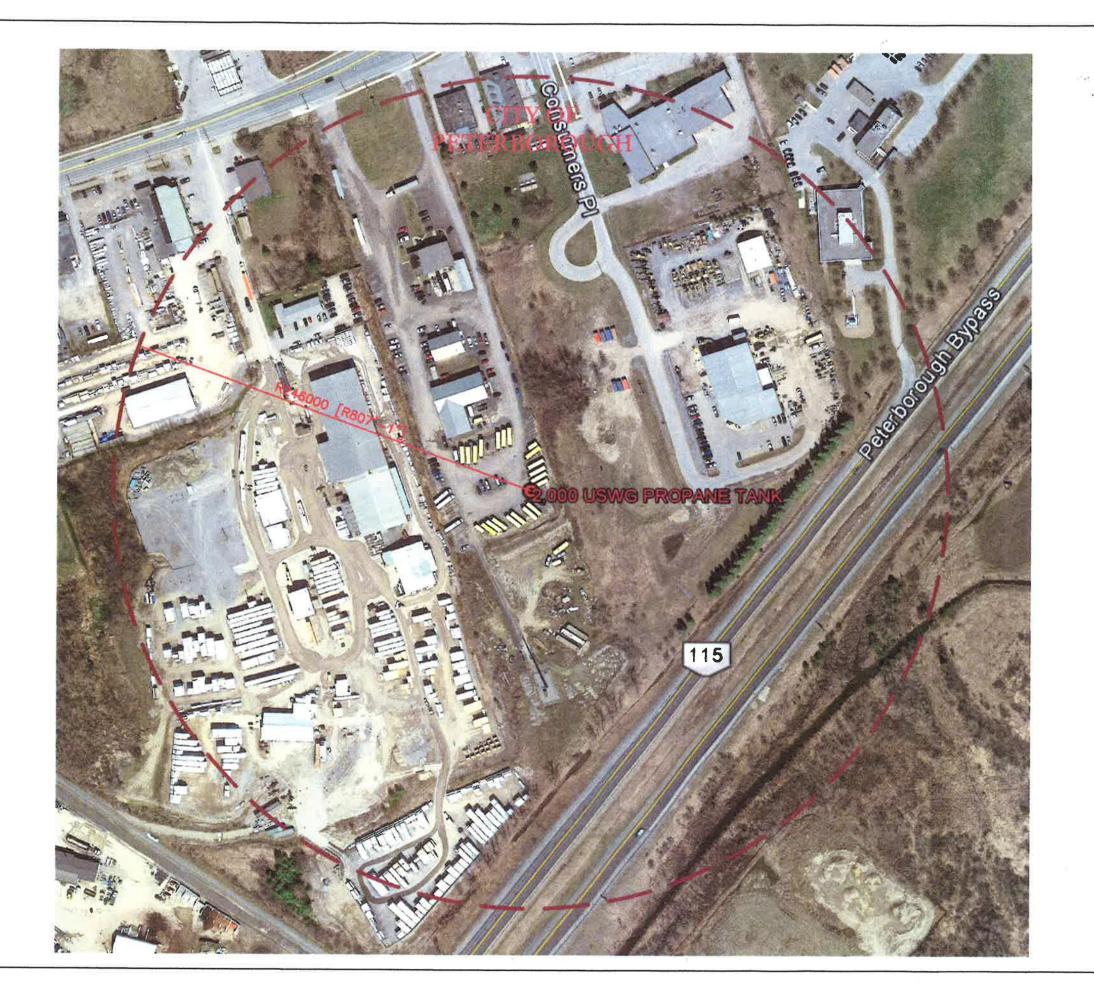
Portable Storage Additional Information Worksheet

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		

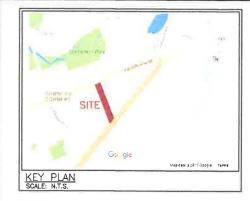
Tanks Stored On-site Not Connected for Use

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

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







NOTES:

CONSEQUENCE DISTANCE TO AN OVERPRESSURE LEVEL OF 1 psi BASED ON TNT-EQUIVALENCY METHOD, AS PER T.S.S.A. GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN

$$D = 17 \times \left(0.1 \times W_{p} \times \frac{HC_{f}}{HC_{DNT}}\right)^{1/3} = 246m$$

	PROPERTY LINE SETBACKS FOR PROPANE TANK	
NORTH	255.6m	
SOUTH	142.1m	
EAST	5.0m	
WEST	58,4m	

GPS C	CORDINATES
LATITUDE	LONGITUDE
44°17'21.29"N	78"17"23.52"W

AS PER TSSA GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN, THIS FACILITY ONLY REQUIRES A LEVEL 1 RSMP SUBMISSION.

PLANNING ADVISORY INFORMATION:

AS PER TSSA ADVISORY REQUIREMENTS, THE PLANNING INFORMATION FOR PETERBOROUGH, ON, IS PROVIDED BELOW.

CITY OF PETERBOROUGH CITY HALL 500 GEORGE STREET NORTH PETERBOROUGH, ON. K9H 3R9

ATTN: MR. JOHN KENNEDY, CLERK/MANAGER COUNCIL SERVICES PH#: 705.742.7777 EXT: 1799 FAX#: 705.748.8861 EMAIL: jkannedy@peterborough.co

0	JUN. 21, *17	ISSUED FOR RISMP APPROVAL	JRK
No.	Date	Description	By





126 Holm Crescent, Thornhill, Ontario L3T 5J3
Telephone: (905)764-1644 Fax: (905)784-5986

Project: CENTURY TRANSPORTATION Ltd. 365 Lonedowne Street East		Drawn By: D.F.
		Checked By: J.R.K.
Peterborough, ON	Maria	Dale: JUNL 20, '17
Drowing Title: SLAST PADRUS LAYOUT FOR PROPOSED 2,000 USING PROPANE TANK		Drawing Scale: 1:1000
		ACAD INFORMATION
Acceptage (Anisonoses		Orawing File: 171200-P-200
Drawing Numbers	File Number:	Drawing Size: D
P-200	171200D	Plotting Scale: 1-1