

Technical Standards and www.lssa.org

14th Floor - Centre Tower 3300 Bloor Street West Standards and Toronto Ontario M8X 2X4
Safety Authority Fax: 416.231.4903 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.

Faild Makin	re to fully complete this form may g a false statement may result in a under the Technical Standards a	a fine or prosecution			
cence Number	000156258	i .			
neck applicable type of p	ropane operations.		į.		
Cylinder	Motor Fill Fil		d/Keylock Area.		
-	* *				
	SECTIO	ON A: GENERAL	LINFORMATION	Mark (* 1925) 1940 - Paris III. 1940 - Paris III.	
	applies to TSSA for a revie	ew for an RSMP ur	nder Ontario's Techn	nical Standards	and Safety Act,
ropane Storage	and Handling Regulation.	SALO ALTA ESTADADO	g 949		
Company Name		18,51TX	* *	Ontario Co	rporation No., if applicable
A	1.0.STINSON 9	SON LIB		105	170000
Operator Name (if o	- Interest from above)	2.7			
Telephone No.	400   613-822-6305   E	mail Address	ong@wosti	nson. con	1
B Street No. 726	Street Name, Lot / Concession No.		2	1 10	Postal Code
Town / City or Tow		15 (*	Province ONT		KIT BW7
Mailing address	if different from above.	± ×			
C Street No.	Street Name, Lot / Concession No.	* = a		# s	Postal Code
Town / City or Tow			Province	· · ·	- Ustar Cube
	ontainer Refill Centre or Filling	g Plant			
Location of facil  Street No.	Street Name, Lot / Concession No.	SE (SE)	Nearestmajorin	ntersection /	MONT ST
D1 294	1 MACKAY &	STREET	MACK		BROKE IT W
Town / City or Tow	nship / County	N N 183	Province		Postal Code
PEMI	BROKE				XIN ITCS
			· W		
Name of Licence H	. STINSON &	50N (TA	* **		
bloma of a Sepier	Management person as delined in the re	egulation holding the Record	d of Training (ROT).	ROT type	
I FRI	C STINSON.				340
Municipality (or m	unicipalities if the facility or its hazard d	listance touches multiple bo	orders)		
C1	TY OF PEMBRO		<u> </u>	· · · · · · · · · · · · · · · · · · ·	es.
Hours of operation					
* **					
5	1				

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.

/ Printname /	Signature	Date (dd-mm-yyyy)
Name of Licence Holder W. O. STINSON 450N	UZ ( )	
Name of Senior Management person as defined in the		24/02/2011
Regulation holding the Record of TrainingERIC \$17703	010 10.100	1 / /



14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X2X4
Fax: 416.231.4903
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.	Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
2009	
Identify the psig rating and serial number for ea	
PSIG	Serial Number
Tank 1: 2/5 @ 100/	00904990
Tank2:	
Tank 2:	
Enter capacity of propane in USWG, fixed, port	table, and mobile, and provide detailed inventory that includes the number of tank/vessel for
	capacity of each tank/vessel, on a separate document.
	/
Fixed: 1000 (134) C	Portable:
	, , , , , , , , , , , , , , , , , , ,

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)  JOHN ARMSTEVENCE	Official Fille ConvRol MANNEGER		
Signature Common Signature	Telephone No. 6/3- 222-7400	Date (mm-dd-yyyy)  My2/2011	

FS 09195 (11/10) Page 2 of 15



Technical Standards and www.tssa.org

14th Floor - Centre Tower 3300 Bloor Street West Safety Authority
Toronto Ontario M8X2X4
Fax: 416.231.4078

Customer Service: 1.877.682.8772

#### **Application for Renewal of** Level 1 Propane Licence Technical Standards and Safety Act Propane Storage and Handling Regulation

## **GENERAL INFORMATION**

Name of Propane	Supplier(s)		For Off	fice Use - Party No.
W. O. Stinson & Son L	_td.			
Street No.	Street Name / 911 Number / A	Address, if applicable	ACULT TO STATE OF THE STATE OF	
1728 Ba	ank Street			
Town / City or Tow	nship / Country		Province	Postal Code
Ottawa			ON	K1T 3W7
Telephone No.	Fax No.	Contact Name		
613 822-7400	613 822-6305	John Armstrong		
E-mail	•			
jarmstrong@wostinso	on.com			
Name of Propane	Transporter. If same as abo	ove, please check box.	For Off	fice Use - Party No.
Street No.	Street Name / 911 Number / /	Address, if applicable	-	
Town / City or Tow	nship / Country		Province	Postal Code
Telephone No.	Fax No.	Contact Name	•	
E-mail				
E-maii				
You are required	d by law to notify TSSA of a	nny change of information contain	ned in the	
	Declaration: I am a	ware that it is an offence to give f clare that the information I have g	alse infori jiven here is true and comple	te.
	completing this form.		Official Title	
John Armstrong	2/1/-		Genral Manager	
Signature	11/1/1/1		Telephone No.	Date (dd-mmm-yyyy)

613 822-7400

15 - Dec 2015



14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X 2X4 Fax: 416.231.4903 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.
- 2270 LITRE SKID TANK FOR COLORED DIESEL FUEL
WAR DANIELD TOOK DANIELT DE LACIDO LITTE REQUIRED L'EDET RATIONAL
- UNDERGROUND TANKS CONSIST OF (65000 LITRE REGULAR) (30000 LITRES PLATINUM
(20000 LITRE SUPER) (35000 LITRE DIESEZ)
Description of fire and emergency equipment indicated on facility site map.
ABC FIRE EXTINGUSHER
List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.)
The state of the s
and describe their function, use and operation.
FUSIBLE LINKS - A MECHANICAL FUSIBLE LINK IS A DEVICE CONSISTING OF
TWO STRIPS OF METAL SOLDERED TOGETHER WITH A FUSIBLE ALLOY THAT IS DESIGNED TO MELT AT A SPECIFIC TEMPERATURE, THUS ALLOWING THE TWO
AND AND A MALE AND SOURCE TOUR AND ADDE THE THE THE THE
DEGIGINED TO MELT AT A SPECIFIC TEMPERATURE, 1403 ACCOUNTING THE 1000
PIECES TO SEPARATE, STOPPING THE FLOW OF PRODUCT.
Maintenance and testing schedule for fire protection controls and devices.
NA

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		
JOHN ARMSTRONG.	GENERAL MAI	VAGER	
Signature 7/1/4	Telephone No.	Date (dd-mm-yyyy)	
Company	613-822-7400	24/02/11	

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14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X2X4 Fax: 416.231.4903 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 JASON WOJCIK For Office Use - Party No.	Name JASON WOJCIK For Office Use - Party No.
Official Title SITE MANAGER	Official Tille 31TE MANAGER - PEMBROKE
Telephone No. 2-7400   Fax No. 732-7402.	Cell, No.3 -401-3031 Fax No.3 -732-7402
E-mail . WO CIK @ WOSTINSON . COM  Role and responsibilities in emergency	E-mail . WOJCIK @ WOSTINSON . COM .  Role and responsibilities in emergency
	1000 C V
ERAP LIG FIRST RESPONDER	ERAPLPG FIRST RESPONDER
2. Facility Contact Personnel - Alternate Contact	6. Name of Facility Manager
Name BOB JOHNSON For Office Use - Party No.	Name JOHN ARMSTRONG For Office Use - Party No.
Official Tille SERVICE MANAGER	GENERAL MANAGER
Telephone No. 32-7400 Fax No.	Telephone No. 22-7400 Fax No. 13-822-6305
biohnson@wostinson.com	E-mail _ armstrong (a wostinson .com  Role and responsibilities incomergency
Role and responsibilities in emergency	1
EVACUATION WARDEN	COMPANY SPOKESPERSON/TECHNICAL DIRECTOR
3. Local Fire Services - Key Contact	7. Propane Supplier Key Contact Person
Name DAN HERBACK For Office Use: Party No.	Name RICK RYAN For Office Use - Party No.
Official Title CHIEF	Official Title MANAGER - ARNPRIOR
613-735-6821 x1201 613-732-7673	Telephone, No 4207 Fax No 623-0315
E-mail dherbacke pembroke.ca	E-mail ryan @ wostingon.com.
Role and responsibilities in emergency	Role and responsibilities in emergency
INCIDENT COMMANDER	ERAP LPG FIRST RESPONDER
4. Local Fire Services - Alternate Contact	8. Municipal Contact
Name Pric CORRIVERS For Office Use - Party No	MATTERN SAURIOL FOR Office Use - Party No.
Official Title CAPTAIN	Official Title City PLANNER.
75 6821 x 1201 613-732-7673	Telephone No682 / Fax No.
PCOTTIVEAU@pembroke.ca	CSAURIOL@pembroke.ca
Role and responsibilities in emergency	I Municipality
INCIDENT COMMANDER.	CITY OF PEMBROKE.

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)  JOHN AKMSTRONG	Official Title GENERAL MANAGER		
Signature All March 1997	Telephone No. 613-822-7400	Date (dd-mm-yyyy)	



Technical Standards and Safety Authority Fax: 416.231.4903 www.tssa.org

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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

rescribe any other measures in place at the facility that exceed the minimum Code and Standards requirements.				
	SEE	ATTACHED	ERAP	W.O.STINSON Sept 2010
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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	
JOHN ARMSTRONG		GENERAL MANA	1GER
Signature 7	i i	Telephone No.	Date (dd-mm-yyyy)
April 1	4	613-822-7400	
FS 09195 (11/10) Page 6 of 15	4		



14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X2X4 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 Date (dd-mm-yyyy) .	Print Name of Training Provider: W.O.STINSON & SON LTD.
10/09/2010	Print Name of Instructor: BOB JOHNSON
Training Date (dd-mm-yyyy)	Print Name of Training Provider: W. O. STINSON +SON CTV)
10/09/2010	Print Name of Instructor: JOHN ARMSTROAC
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
9	Print Name of Instructor:
Training on the facility's Eme	rgency Management Procedures provided to staff.
Training Date (dd-mm-yyyy)	Print Name of Training Provider: W.O. STINSON & SOM LTD
10/09/2010	Print Name of Instructor: BOB JOHNSON .
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
3 W	Print Name of Instructor:
∩n-site specific training prov	ded to certificate holders / persons with Records of Training.
raining Date (dd-mm-yyyy)	Print Name of Training Provider: W. O. STINSON & SON CTD
10/09/2010	Print Name of Instructor: 130B JOHNSON
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:

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)  TOHN ARMSTRONG	Official Title  GENERAL MAN	IAGER
Signature	Telephone No. 6/3-822-7400	Date (dd-mm-yyyy) 24/02/11
50 mile 11110 0000 7 01 15		



. 14th Floor - Centre Tower , 3300 Bloor Street West Toronto Ontario M8X2X4

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 Res	ponse Plan and Procedures provided to facility key contacts
Target Date (dd-mm-yyyy)	Print Name of Training Provider: W.O. STINSON & SON LTD
10/08/2011	Print Name of Training Provider: W.O. STINSON & SON LTD  Print Name of Instructor: TOHN ARMSTRONG
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 Eme	rgency Management Procedures provided to staff.
Target Date (dd-mm-yyyy)	Print Name of Training Provider: W.O. STINSON & SON DTD
10/08/2011	Print Name of Instructor: BOB JOHNSON
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 prov	rided to certificate holders / persons with Records of Training.
Target Date (dd-mm-yyyy)	Print Name of Training Provider: W.O. STINSON & SON LTD.
10/08/2011	Print Name of Instructor: BOB JOHNSON
Targe Date (dd/mm-yyyy)	Print Name of Training Provider:
<sub>j</sub> en	Print Name of Instructor:
Target Date (dd-mm-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	
JOHN ARMSTRONG	GENERAL MAN	AGER
Signature	Telephone No.	Date (dd-mm-yyyy)
J. Jan	613-822-7400	24/02/11

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Warnings and Actions

14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X2X4 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.

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).
IDAD INNI REIMMENIATO NI MITIATED BY SITE MANAGER / FIRST RESPONSER. TO NOTIFY
STAFF BY PAGING SYSTEM, CONTACT AUTHORITIES @ 911, AND ATTEMPT TO CONTACT SURROUNDING BUSINESSES LISTED IN ERAP.
TO CONTACT SURROUNDING BUSINESSES LISTED IN ERAP.
1 2 10 17 17 52 53 53 54 54 54 54 54 54 54 54 54 54 54 54 54
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
DNCE EVACUATION OF THE PREMISES IS INITIATED THE EVACUATION WARDEN
ONCE EVACUATION OF THE PREMISES IS INITIATED THE EVACUATION WARDEN SHALL BRING AN UPTO DATE EMPLOYEE LIST WITH PHONE HS, & COPIES OF THE ERAP, REFLECTIVE VEST & CELL PHONE. TO THE GASISAR
OF THE ERAP, REFLECTIVE VEST & CELL PHONE. TO THE GASBAR
WHICH IS THE MEETING PLACE
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).
IMMEDIATRY CALLYII, CALLHEAD OFFICE, CALL ERAP 1-877-672-6723, ANS
INITIATE! ERP # 2-6/612-101 CALL ENVIRONMENT CANASA +
IMMEDIATRY CALL 911, CALL HEAD OFFICE, CALL ERAP 1-877-672-6723, ANS  INITIATE! ERP # 2-6/672-101 CALL ENVIRONMENT CANASA TO  155A, AND ADVISE ALL IF FIRE IS AFFECTING PROPANE CYLINDER.
Describe provisions for fire department entry when there are no operations or staffing at the propane site.
LOOK FOR EMERGENCY RESPONSE PLAN ON BULLSING, WEN AN
LOOK FOR EMERGENCY RESPONSE PLAN ON BUILDING, OPEN AN INITIATE, ENTER COMPOUND WITH KEY OR CUT LOCK
·
Describe how the licence holder will ensure continual flow of updated information to authorities.
WILL KEEP AUTHORITIES UP TO DATE WITH SITE CHANGES, REGULAR
MEETINGS ON SITE
How long will it take the facility liaison person to respond to the site.
How long will it take the facility liaison person to respond to the site.  FIRST RESPONDER 30 to 45 MINUTES
Declaration: Lam 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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Name of person completing this form (please print)



Signature

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14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X2X4

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 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? Are procedures in place that ensure access routes, aisles, storage area, filling areas 3. 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 overfilled propane cylinders? Are weighing systems validated for accuracy? 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? 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. Is a pressurized water system available at the propane facility site? Can the municipal fire department pump 375 GPM (1420 LPM) of water at this 2. location? What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only) What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only) 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) JRMSTRONE



14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X2X4 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

	On the transmission of the property of the pro
To be completed by the Local Fire Services Has the local fire service had an opportunity to review the Emergency Re	esponse and Preparedness Plan?
If not, please explain (e.g., no fire services).	
· · · · · · · · · · · · · · · · · · ·	
Fire services comments, if any:	and the state of
	* (*)
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-mm-yyyy)
*	
eg.	
LOCAL FIDE	OFD VOES
LOCAL FIRE	
The undersigned has reviewed Section B of the Risk and Safety Ma	anagement Plan Fire Services.
Print name	Signature Date (dd-mm-yyyy)
Local Fire Services Name DAN HERBACK	D. 102/2011
÷	

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	
JOHN ARMSTRONG	M.	GENERAL MAR	MAGER
Signature ////	٠.	Telephone No. •	Date (dd-mm-yyyy)
fight and and	*	613-822-7400	24/02/11

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14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X 2X4 Fax: 416.231.4903 (2) 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

#### 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 .

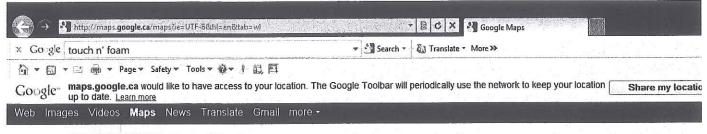
#### Required Mapping Information from Updated Site Plan

Date Map Prepared (dd-mm-yyyy)	Capacity of single largest propane storagevessel (USWG)
MAY 12, 2011	1000 USWR
ank setback coordinates. Indicate placement or	
Front: 275 H (E	
Rear: $10$ M $(\omega)$	Left side property line: 18:214 (S)
GPS coordinates of single largest vessel:	45.824642 N 77. 110386 W
	(1 - 1 - 2

State ATTACHOS Situ Men.

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	
JOHN ARMSTRONG	GENERAL MANAG	9ER
Signature 7/1/1/	Telephone No.	Date (dd-mm-yyyy)
Jak for	6/3-822-7400	24/01/11



Google maps





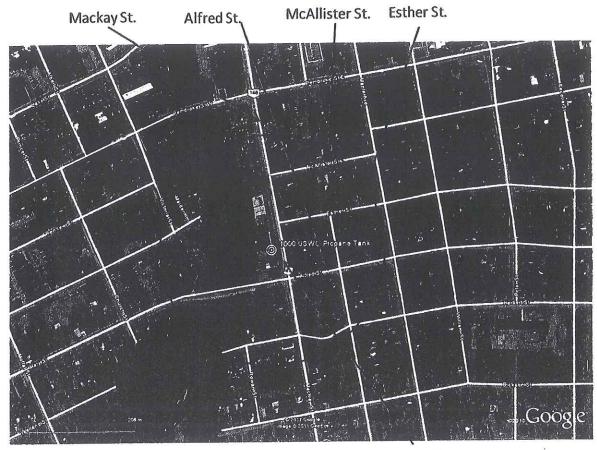
EMENGRACY SHUT OFF Google maps Address 294 Mackay St Pembroke, ON

Pembroke, ON K8A 3C2, Canada

Notes W. O. Stinson & Son Ltd. Propane Dispensor at Pembroke office

1,000 USWG





**Property Line** 

**Property Location:** 

294 Mackay Street,

Pembroke, Ontario

Prepared:

May 12, 2011

Propane Tank Water Capacity:

1000 USWG horizontal tank

Tank setbacks:

92 m north, 27.5m east, 18.2m south, 10 m west

Radius:

198 m

**GPS Coordinates:** 

45.824642 N 77.110386 W

Municipality:

The City of Pembroke

City Clerk:

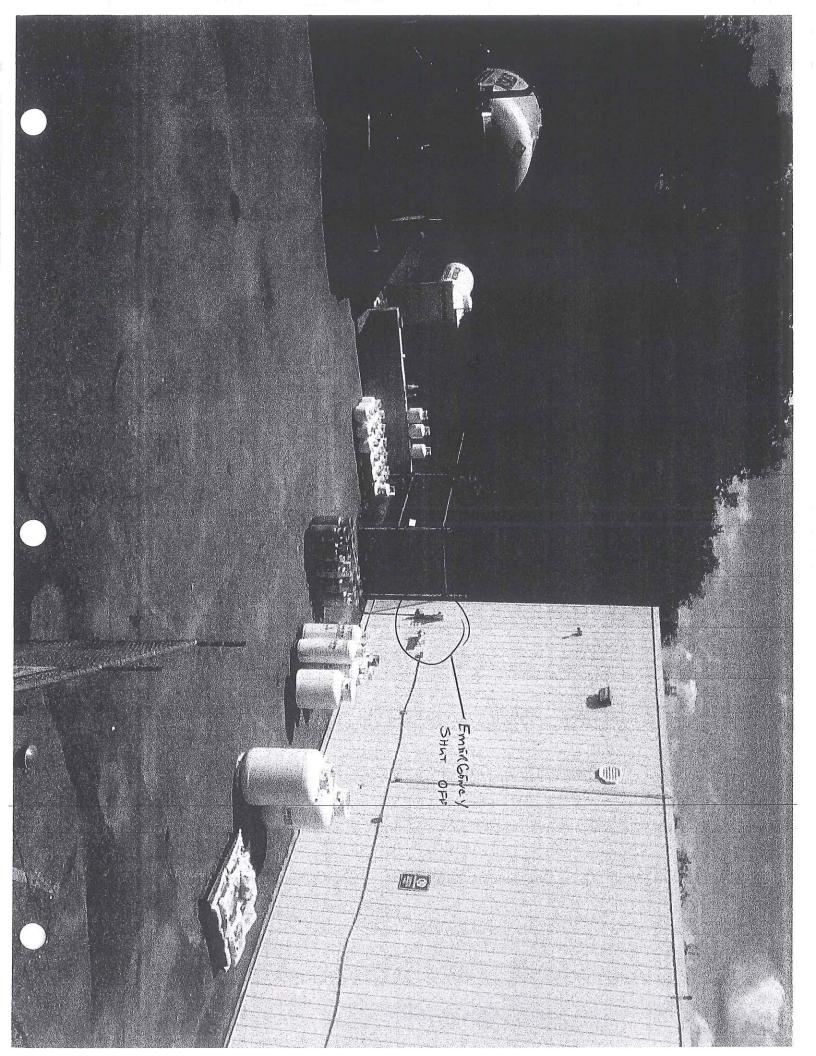
Terry Lapierre

Address:

City Clerk's Office 1 Pembroke St. E

1 Pembroke St. E Pembroke, Ont

K8A 3J5



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:

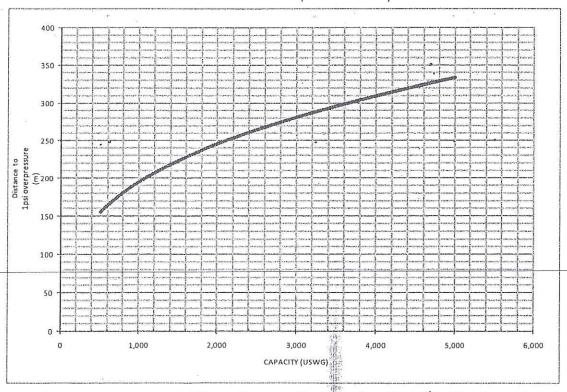
Density of Propane is 0.5033 kg per litre @ 15 C

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)



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 ,	Ti .
JOHN ARMSTRONG	GENERAL MANA	GER
Signature	Telephone No	Date (dd-mm-yyyy)
Mather	613-822-7400	524/02/11

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Signature

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Technical Standards and Safety Authority Fax: 416.231.4903 www.tssa.org

14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X2X4

Customer Service: 1.877.682.8772

## Level 1 Risk and Safety Management Plan (RSince) 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		* Number of Buildings and Features (mark with an "X")			Distance from Tank to Closest Building or
AND Name and Address of Closest Building or Feature	0	1	2-10		Feature
Industrial buildings or parks or golf courses  Name:  Address:  City:  Province  Postal Code	X				· m
Residential building units specifically permanent single family dwellings, condominiums, and apartments.			×		<u>50</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes.  Name:			×		_5n
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts.  Name:  Address:  City:  Province  Postal Code	X		3		
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons.  Name:  Address:  City:  Province  Postal Code	X				r
Emergency responders specifically fire stations, ambulance stations, and police stations.  Name: ST JOHN'S AMBULANCE SERVICES.  Address: 310 MACKAY ST  City: Province ONTARIO Postal Code K801C5		X			15
* For multi-unit buildings, count each unit as "1".  Declaration: I am aware that it is an offence to give false information in this I hereby declare that the information I have given here is true and co	s docu	ıment	and		
Name of person completing this form (please print)  Official Title			200		

Telephone No.

Date (dd-mm-yyyy)



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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

resultant for the

#### Portable Storage Additional Information Sheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG	
# 420	123.9	0	D	
# 100	29.5	0	0	
# 40	11.75	0	0	
# 33.3	9.62	9	86.58	
# 30	8.8	0	0	
# 20	5.8	30	174.0	
# 10	2.9	‡o	0	
# 5	1.5	6	0	
Total Cylinder Capacity			260.58 USWG	

#### Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
		NA.
ŧ.		ε'
×		
		4
Tank Capacity	8	0

Total Cylinder Capacity	260.58	
Total Tank Capacity	0	
Total Portable Capacity	260.58	

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.

Signature   Telephone No.	ERAL MANAGER.
FS 09195 (11/10) Page 15 15 15	Date (dd-mm-yyyy) 2-7400 24/02/11