14th Floor - Centre Tower 3300 Bloor Street West 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.

		Failure to fully complete this form may result in rejecti aking a false statement may result in a fine or prosect		For Office Use Only			
	,,,,,,	under the Technical Standards and Safety Act		<u> </u>			
	nce Number	000076648992					
Check	Check applicable type of propane operations.						
	✓ Cylinder		Card/Keylock	<u> </u>			
Subm	it along with this	completed application a Facility Site Plan and a Map of the Surre	ounding Area.				
		SECTION A: GEN	ERAL INFORMATION	ON			
		d applies to TSSA for a review for an RS	MP under Ontario's Te	echnical Standards and Safety Act,			
Pro	William Control of the Control of the	ge and Handling Regulation.					
	Company Name			Ontario Corporation No., if applicable			
A	Section Section 201	AREHOUSING INC.		10092 7235 RP001			
	Operator Name	(if different from above)					
	Telephone No.	Fax No. E-mail					
	5193524401	519352440 2 psowers@charrong	roup.com				
В	Street No.	Street Name / 911 Number / Address, if applicable		T			
	123	Byng Avenue	MATERIAL (1920)				
		ownship / County	Province	Postal Code N7M 6C6			
	CHATHAM		ONTARIO	N/W 6C6			
		ess if different from above.					
С	Street No.	Street Name / 911 Number / Address, if applicable					
		ownship / County	Province	Postal Code			
		, many	3.7.556.556	3 (0.1) Transport (0.00)			
In		Container Refill Centre or Filling Plant					
	Location of fac Street No.	cility. Street Name / 911 Number / Address, if applicable	NegrootMa	ajor Intersection			
D	123	BYNG AVENUE	RICHMON	Service Committee Committe			
	200000			Postal Code			
	ACTION AND ACTION OF	ownship / County	Province	N7M 6C6			
	CHATHAM		ONTARIO	1			
	Name of Licence	Holder					
	CHARRON W	AREHOUSING					
18	Name of a Senio	or Management person as defined in the regulation holding the	Record of Training (ROT).	ROT type			
	BILL CHARRON #69922 PPO-3						
	Municipality (or municipalities if the facility or its hazard distance touches multiple borders)						
	CHATHAM KENT						
	50 108 178						
	Hours of operation	on.					

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

Printname  Name of Licence Holder PATRICIA SOWERS	Signature	Date (dd-mm-yyyy) 23/08/2011
Name of Senior Management person as defined in the Regulation holding the Record of Training BILL CHARRON	Sildin	23/08/2011



Technical Standards and

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

### CADACITY INFORMATION

PSKG Tank 1: 250 Tank 2:		Serial N C-0469-65789	umber	Capacity 1000 uswg	
		***************************************			
Tank 3:				1000 (1844)	
			Total Fixed Capaci	y: 1000 uswg	
Portable Storage					
Cylinder Size	Capacity in US	SWG	Quantity	Total Capacity in USWG	
# 420	123.9				
# 100	29.5				
# 40	11.75				
# 33.3	9.62				
# 30	8.8				
<b>#</b> 20	5.8				
#10	2.9				
#5	1.5				
Total Cylinder Capacity		Line A		0	
Tanks Stored On-site No	ot Connected for Use	•			
Tank Size in USW	/G	Quantity		Total Capacity in USWG	
Total Tank Capacity			Line B	0	
Total	Portable Capacity.	Line A plus Line B: _	0		
Mobile Tanks					
Туре		Tank Size In USW	G Quantity	Total Capacity in USW	
Tankers					
Cargo Liners					
				0	

You are required by law to notify TSSA of any change of information contained in the Risk and Safety Management Plan within 15 days.

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 of person completing this form. Tim Charron	Official Title				
Signature	Telephone No.	Date (dd-mmm-yyyy) 16 - JAN - 2017			

FS 09190 (11/16) Page 3 of 11



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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 Propar	Name of Propane Supplier(s)							
DOWLER KARN P	ROPANE						10	
Street No. Street Name / 911 Number / Address, if applicable								
24151	ST. CLAIR ROAD							
Town / City or Township / Country CHATHAM Province ONTARIO							Postal Code N7M 5J2	
Telephone No.	1	Fax No.	Contact Na	ame				
5193520110			DOUG COO	PER				
E-mail								
dcooper@dowlerk	arn.com							
Name of Propan	e Transpo	orter. If same as above	e, please check bo	ox.		For Office Use -	Party No.	
Street No.	Street N	ame / 911 Number / Add	ress, if applicable					
Town / City or T	ownship /	Country			Province	?	Postal Code	
Telephone No.		Fax No.	Contact Na	ame			Δ =	
E-mail								
Off-site Cylinder and/or Mobile Storage  Capacity stored off-site, in USWG  For Office Use - Party No.								
Street No. Street Name / 911 Number / Address, if applicable								
Town / City or Township / Country				Province		Postal Code		
Telephone No.		Fax No.	Contact Na	ame				

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

Name of person completing this form (please print) patricia sowers	Official Title A. Manager		
Signature	Telephone No. 519-352-8970 #224	Date (dd-mm-yyyy) 03/08/2011	



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 3300 Bloor Street West

 Toronto Ontario M8X 2X4
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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 sto Oil Furnace holds 13, 626 ltrs	orage location of other hazardous m	aterials on site, if any.	
SEE APPENDIX 1 FOR COMPLETE LIST			
SEE APPENDIX 1.5 FOR LOCATIONS			
Description of fire and emergency equipment indi	cated on facility site map.		
IN HOUSE FIRE EXTINGUISHERS	A CEE ADDENDIY 1 5 AND 2		
FIRE HYDRANTS AT FRONT & BACK OF BUILDING	SEE APPENDIX 1.5 AND 3		
IN HOUSE WATER			
List of fire protection controls (e.g., fire detection s	vetems fire notification systems ala	rm systems, automatic shut off device	ces fusible links etc.)
and describe their function, use and operation.	ystems, me notinication systems, ala	im systems, automation at on do vic	500, (40.510 1111.0, 610.)
FIRE ALARM SYSTEM			
OUTSIDE PROPANE SHUT OFF			
NATURAL GAS SHUT OFF			<u></u>
Maintenance and testing schedule for fire protection MONTHLY EXTINGUISHERS ARE CHECKED & INS			
ANNUAL FIRE PANEL INSPECTION TESTED			
ANNUAL FIRE DRILL AND REVIEW			
	Checked B: Monthly	Inspected	Test
Extinguishers	B: Monthly	Inspected B:Monthly	Annual
Kire Panel System			Annual

Name of person completing this form (please print) PATRICIA SOWERS	Official Title A. MANAGER		
Signature	Telephone No. 519-352-8970 EXT 224	Date (dd-mm-yyyy) 03/08/2011	



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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

			E Facility Of Have Contact Barons		
1. Facility Contact Personnel - Key Name	Contact	F(	5. Facility 24-Hour Contact Person	II .	For Office Use - Party No.
PATSY SOWERS	ı	5	BILL CHARRON		
Official Title A. MANAGER			Official Title MANAGER		
Telephone No. Fax No. 519-352-8970 EXT 224 519-352-4402			Cell No. 519-360-0086 Fax No. 519-352-4402		
E-mail psowers@charrongroup.com			E-mail bcharron@charrongroup.com		
Role and responsibilities in emergency	У		Role and responsibilities in emergence	cy .	
SAFETY COORDINATOR			BUILDING ACCESS & FIRE DRILL MA	ARSHAL	
2. Facility Contact Personnel - Ali	ternate Co	ntact	6. Name of Facility Manager		
Name TIM CHARRON		For Office Use - Party No.	Name BILL CHARRON		For Office Use - Party No.
Official Title OPERATIONS MANAGER			Official Title MANAGER		
Telephone No. 519-352-8970 EXT 237	Fax No. 519-352-4	402	Telephone No. 519-352-8970 EXT 236	Fax No. 519-352-4402	
E-mail			E-mail		
tcharron@charrongroup.com	W		bcharron@charrongroup.com		
Role and responsibilities in emergency	y		Role and responsibilities in emergence	у	
Fire Drill Marshal & Facility Access			Fire Drill & After hours facility access		
3. Local Fire Services - Key Conta	ct		7. Propane Supplier Key Contact P	erson	
Name Robert Crawford		For Office Use - Party No.	Name DOUG COOPER		For Office Use - Party No.
	E-mail bobc@cha	For Office Use - Party No.		E-mail dcooper@dow	
Robert Crawford Official Title	1000	atham-kent.ca	DOUG COOPER Official Title		
Robert Crawford  Official Title Fire Chief Cell 519-350-2954  Telephone No.	bobc@cha Fax No. 519-352-8	atham-kent.ca	DOUG COOPER Official Title BRAND MGR Telephone No.	dcooper@dow Fax No.	
Robert Crawford  Official Title Fire Chief Cell 519-350-2954  Telephone No. 519-352-8401 Ext 3400  Role and responsibilities in emergence	bobc@cha Fax No. 519-352-8	atham-kent.ca	DOUG COOPER Official Title BRAND MGR Telephone No. 519-351-8000 Role and responsibilities in emergence	dcooper@dow Fax No.	
Robert Crawford  Official Title Fire Chief Cell 519-350-2954  Telephone No. 519-352-8401 Ext 3400  Role and responsibilities in emergency Review Emergency Plan  Fire Services Address	bobc@cha Fax No. 519-352-8 y	atham-kent.ca	DOUG COOPER Official Title BRAND MGR Telephone No. 519-351-8000 Role and responsibilities in emergency propane supplier Propane Supplier Address	dcooper@dow Fax No.	
Robert Crawford  Official Title Fire Chief Cell 519-350-2954  Telephone No. 519-352-8401 Ext 3400  Role and responsibilities in emergency Review Emergency Plan  Fire Services Address 5 Second Street, Chatham On N7M 5X2	bobc@cha Fax No. 519-352-8 y	atham-kent.ca	DOUG COOPER Official Title BRAND MGR Telephone No. 519-351-8000 Role and responsibilities in emergency propane supplier  Propane Supplier Address 24151 ST. CLAIR ROAD, CHATHAM C	dcooper@dow Fax No.	
Robert Crawford  Official Title Fire Chief Cell 519-350-2954  Telephone No. 519-352-8401 Ext 3400  Role and responsibilities in emergency Review Emergency Plan  Fire Services Address 5 Second Street, Chatham On N7M 5X2  4. Local Fire Services - Alternate Contains	Fax No. 519-352-8	atham-kent.ca	DOUG COOPER Official Title BRAND MGR Telephone No. 519-351-8000 Role and responsibilities in emergency propane supplier  Propane Supplier Address 24151 ST. CLAIR ROAD, CHATHAM COORDINATED CONTACT  Name	dcooper@dow Fax No.	lerkarn.com
Robert Crawford  Official Title Fire Chief Cell 519-350-2954  Telephone No. 519-352-8401 Ext 3400  Role and responsibilities in emergency Review Emergency Plan  Fire Services Address 5 Second Street, Chatham On N7M 5X2  4. Local Fire Services - Alternate Contains Review Emergency Plan  Name RAY STONE Cell#519-359-4426  Official Title	Fax No. 519-352-8	atham-kent.ca 620  For Office Use - Party No. tham-kent.ca	DOUG COOPER Official Title BRAND MGR Telephone No. 519-351-8000 Role and responsibilities in emergency propane supplier Propane Supplier Address 24151 ST. CLAIR ROAD, CHATHAM C  8. Municipal Contact Name JUDY SMITH Official Title	dcooper@dow Fax No.	lerkarn.com
Robert Crawford  Official Title Fire Chief Cell 519-350-2954  Telephone No. 519-352-8401 Ext 3400  Role and responsibilities in emergency Review Emergency Plan  Fire Services Address 5 Second Street, Chatham On N7M 5X2  4. Local Fire Services - Alternate Common Name RAY STONE Cell#519-359-4426  Official Title ASSISTANT CHIEF  Telephone No. 519-352-8401 Ext.3416  Role and responsibilities in emergence	E-mail rays@cha	atham-kent.ca 620  For Office Use - Party No. tham-kent.ca	DOUG COOPER Official Title BRAND MGR Telephone No. 519-351-8000 Role and responsibilities in emergence propane Supplier Propane Supplier Address 24151 ST. CLAIR ROAD, CHATHAM C  8. Municipal Contact Name JUDY SMITH Official Title CITY CLERK Telephone No.	dcooper@dow Fax No.	lerkarn.com
Robert Crawford  Official Title Fire Chief Cell 519-350-2954  Telephone No. 519-352-8401 Ext 3400  Role and responsibilities in emergency Review Emergency Plan  Fire Services Address 5 Second Street, Chatham On N7M 5X2  4. Local Fire Services - Alternate Contained Title RAY STONE Cell#519-359-4426  Official Title ASSISTANT CHIEF Telephone No. 519-352-8401 Ext.3416	E-mail rays@cha	atham-kent.ca 620  For Office Use - Party No. tham-kent.ca	DOUG COOPER Official Title BRAND MGR Telephone No. 519-351-8000 Role and responsibilities in emergency propane supplier Propane Supplier Address 24151 ST. CLAIR ROAD, CHATHAM COOPER SUPPLIED CONTACT Name JUDY SMITH Official Title CITY CLERK Telephone No. 519-352-8401	dcooper@dow Fax No.	lerkarn.com
Robert Crawford  Official Title Fire Chief Cell 519-350-2954  Telephone No. 519-352-8401 Ext 3400  Role and responsibilities in emergency Review Emergency Plan  Fire Services Address 5 Second Street, Chatham On N7M 5X2  4. Local Fire Services - Alternate Common Name RAY STONE Cell#519-359-4426  Official Title ASSISTANT CHIEF  Telephone No. 519-352-8401 Ext.3416  Role and responsibilities in emergence	E-mail rays@cha	atham-kent.ca 620  For Office Use - Party No. tham-kent.ca	DOUG COOPER Official Title BRAND MGR Telephone No. 519-351-8000 Role and responsibilities in emergency propane supplier  Propane Supplier Address 24151 ST. CLAIR ROAD, CHATHAM COOPER SUPPLIED CONTACT  8. Municipal Contact Name JUDY SMITH Official Title CITY CLERK Telephone No. 519-352-8401 E-mail	dcooper@dow Fax No.	lerkarn.com

Name of person completing this form (please print)	Official Title		
PATSY SOWERS	A. MANAGER	A. MANAGER	
Signature	Telephone No.	Date (dd-mm-yyyy)	
? Som	519352-8970 EXT 224	03/08//2011	



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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.

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

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Safety Authority

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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 Res	ponse Plan and Procedures provided to facility key contacts.				
Training Date (dd-mm-yyyy)	Print Name of Training Provider: IN HOUSE				
28/10/2010	Print Name of Instructor: PATSY SOWERS				
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	ergency Management Procedures provided to staff.				
Training Date (dd-mm-yyyy) Print Name of Training Provider: IN HOUSE					
28/10/2010	Print Name of Instructor: PATSY SOWERS				
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	vided to certificate holders / persons with Records of Training.				
Training Date (dd-mm-yyyy)	Print Name of Training Provider: DOWLER KARN				
NOV 2008	Print Name of Instructor: KEN HOOKER				
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	
PATSY SOWERS	A. MANAGER	
Signature	Telephone No.	Date (dd-mm-yyyy)
8. Down	519-352-8970 EXT 224	03/08/2011



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

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## 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-mm-yyyy)	Print Name of Training Provider: IN HOUSE				
OCT 2011	Print Name of Instructor: PATSY SOWERS				
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: IN HOUSE				
OCT 2011	Print Name of Instructor: PATSY SOWERS				
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 pr	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		
PATSY SOWERS	A. MANAGER		
Signature	Telephone No.	Date (dd-mm-yyyy)	
Para	519-352-8970 EXT 224	03/08/2011	



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

## EMERGENCY AND PREPAREDNESS RESPONSE PLAN

The licence holder will complete the Emergency and Preparedness Response Plan in consultation with the local Fire Services.

Description of the maximum volume. types and storage location of other hazardous materials on site. if anv.  Appendix 3
Appendix 1.5 Location
Description of fire and emergency equipment indicated on facility site map.
Fire hydrant at front & back of building (East & West side) see appendix 1 and 1.5
In house water
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.  Fire alarm system  Outside propane Shut Off
Natural Gas shut off
Maintenance and testing schedule for fire protection controls and devices.  Annual Fire Panel Inspection Tested
Extinguishers checked & inspected Monthly
Annual fire drill and review
Note: Extinguishers checked and inspected bi monthly. Fire Panel Tested Annually

You are required by law to notify TSSA of any change of information contained in the Risk and Safety Management Plan within 15 days.

Declaration: I am aware that it is a I hereby declare that the in	n offence to give false information in this docu formation I have given here is true and comple	iment and te.	
Print name of person completing this form. Patsy Sowers	Official Title manager		
Signature	<b>Telephone No.</b> 519 352 8970 #224	Date (dd-mm-yyyy) 01/10/2014	

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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 RESP  The licence holder will complete Section B in consultation with the loc  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)?	$\checkmark$			
2.	Is there adequate night lighting at the site?	$\checkmark$			
3.	Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials?	$\checkmark$			
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?	<b>√</b>			
5.	Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders?	$\checkmark$			
6.	Are weighing systems validated for accuracy?		$\checkmark$		
7.	Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)?		$\checkmark$		
8.	All Filled tanks are on equipment.  Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves)	1			
9.	Is the schedule of maintenance and testing activities retained on site?	$\checkmark$			
	7. Water Supply				
The	propane licence holder should work with the local fire department to determine water ply 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?	$\checkmark$			
2.	Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	$\checkmark$			
3.	What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)	60 METE	RS		
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)	N/A			

Name of person completing this form (please print) PATSY SOWERS	Official Title A. MANAGER		
Signature	Telephone No. 519-352-8970 EXT 224	Date (dd-mm-yyyy) 16/09/2011	



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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 (RSMI Technical Standards and Safety A Propane Storage and Handling Regulatic

## 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 Respon  If not, please explain (e.g., no fire services).	se and Preparedness Plan?	Yes No			
Fire services comments, if any:  A COMMENT LETTER HAS BEEU SI	BMITTED.				
To be completed by the Licence Holder In response to the above comments, the following action(s) is required:  Fire Dept's recommendations completed:					
The Licence holder will respond to the Local Fire Services comments by: _	(dd-mn	n-yyyy)			
	107				
LOCAL FIRE SER	VICES				
The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.					
Print name Signa  Local Fire Services Name CHATHAM - KENT FIRE	ature Strue	Date (dd-mm-yyyy)			
DEPARTMENT	9				

Name of person completing this form (please print)	Official Title	3 3 4 H
Signature Signature	Telephone No.	Date (dd-mm-yyyy)
Polan	519-352 8970 224	16/09/2011



 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 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) OCTOBER 2010			Capacity of single largest propane storagevessel (USWG) 2000 LTRS		
Tank setback coordinates. Front:	47.00 M	he map.	Right side property line:	178.9M	
	166.64 M		Left side property line:	176.74 M	
GPS coordinates of single	largest vessel: 42	23' 30.43"N	82 11' 24.78"W		

See Google earth Fin point Appendix 2

Name of person completing this form (please print) PATSY SOWERS	Official Title A. MANAGER	
Signature 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Telephone No. 519-352-8970 EXT 224	Date (dd-mm-yyyy) 23/08/2011



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 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

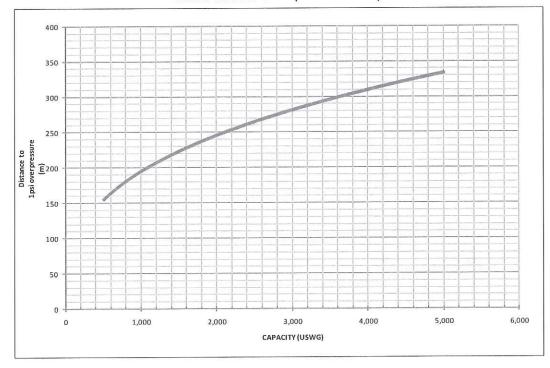
1 gallon [US, liquid] = 0.003785411784 cubic meter

1 cubic metre = 264.17 USWG

16.94 (1.524×1000) 1/3 ~190.2385

See Appendix 3+4

#### Hazard Distance Chart (EPA-TNT model)



519-3528970 23/08/2011



14th Floor - Centre Tower 3300 Bloor Street West Safety Authority
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

## 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 Closes Building or	
	AND Name and Address of Glosest Bullating of Feature		0	1	2-10	11+	Feature
Name: Address:	buildings or parks or golf courses Lafarge Canada Inc  170 Byng Avenue  Chatham Province ON Postal Code N7M 3E2				×		
City:	Province Postal Code						
Name:	ial building units specifically permanent single family dwellings, condominiums, and apartments.  n/a						m
City:	Province Postal Code						
Name:	cial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes						m
Commerce Name: Address:							86.52_ m
City:	Chatham Province ON Postal Code						
institution Name:	institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental as, and prisons.  n/a  Province Postal Code						m
Emergen Name: Address City:	cy responders specifically fire stations, ambulance stations, and police stations.    n/a						m

You are required by law to notify TSSA of any change of information contained in the Risk and Safety Management Plan within 15 days.

Declaration: I am aware that it is an off I hereby declare that the inform	ence to give false information in this do ation I have given here is true and comp	cument and lete.
Print name of person completing this form. Patsy Sowers	Official Title Manager	
Signature P Dans	<b>Telephone No.</b> 519 352 8970	Date (dd-mm-yyyy) 01/10/2014

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<sup>\*</sup> For multi-unit buildings, count each unit as "1".



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

### WORKSHEET

#### Portable Storage Additional Information Worksheet

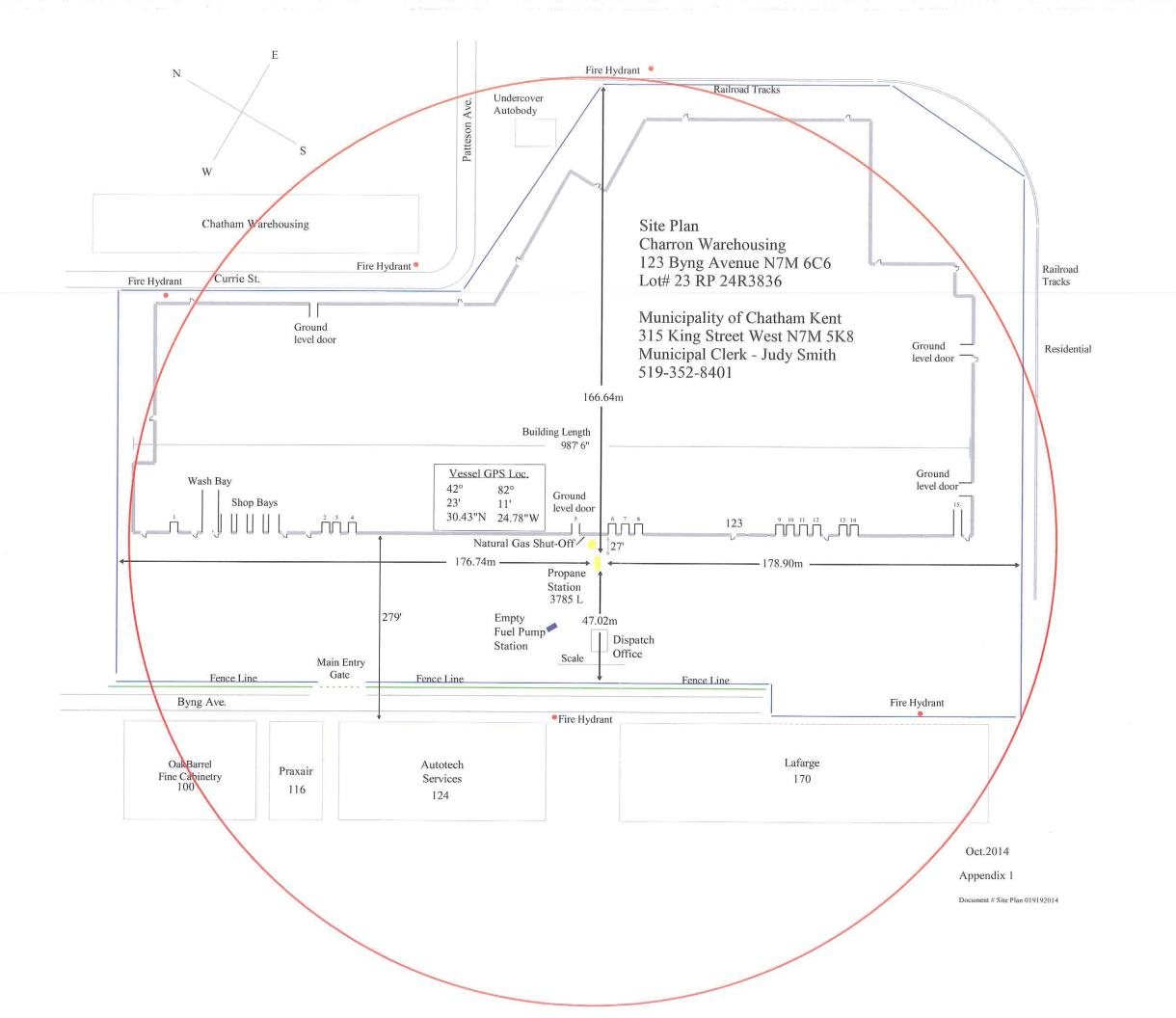
Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62	14	134.68
# 30	8.8		
# 20	5.8		
# 10	2.9		
# 5	1.5		

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

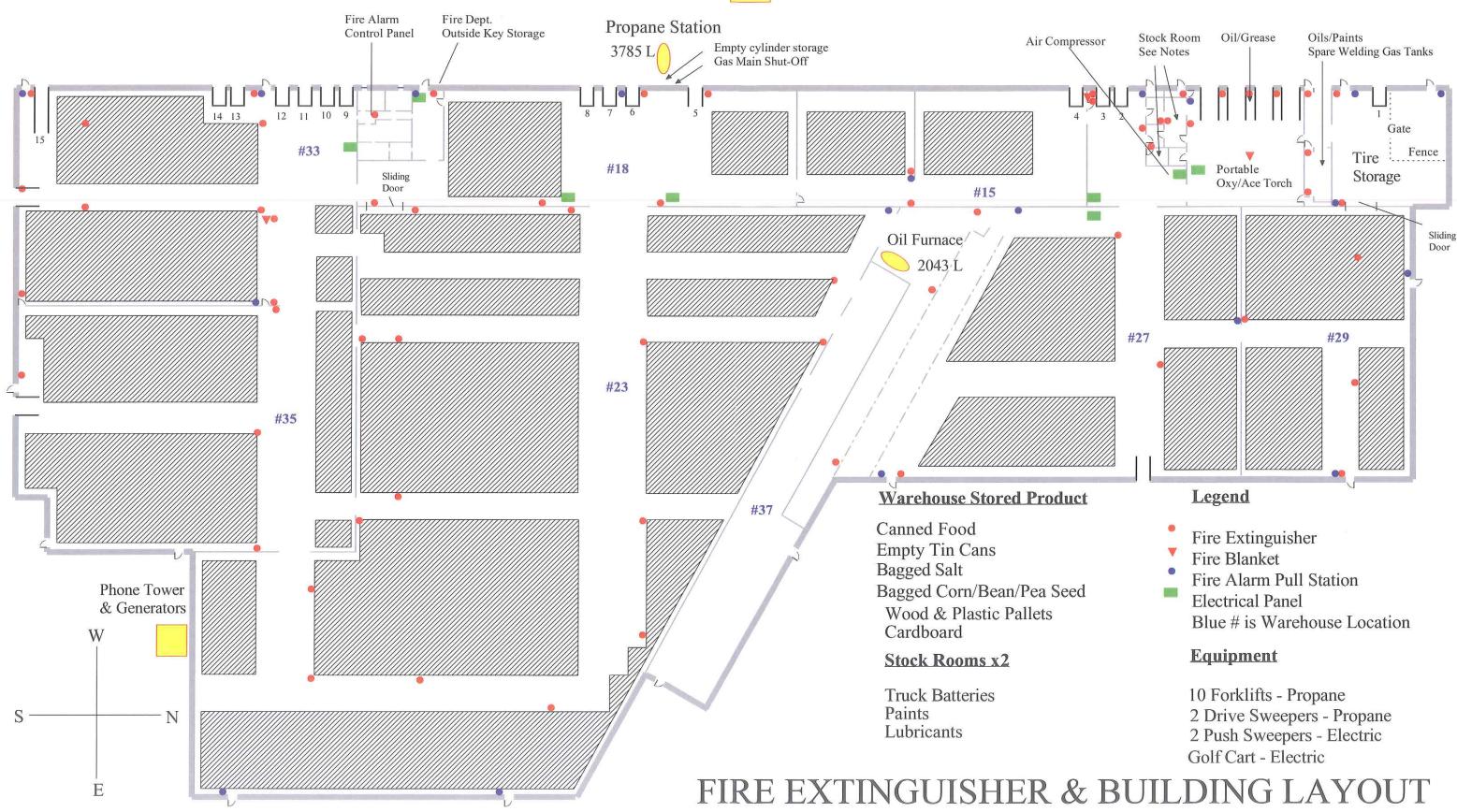
Tank Size In USWG	Quantity	Total Volume in USWG
1000	1	1000
Total Tank Capacity 1 1000 U	JSWG	-

Total Cylinder Capacity	134.68 USWG
Total Tank Capacity	1000 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	N/A

519-352-8970#224 16/09/2011



## Empty Diesel Station



Appendix 1.5
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