



Technical Standards and Safety Authority
 www.tssa.org
 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

This Level 1 RSMP applies to:

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

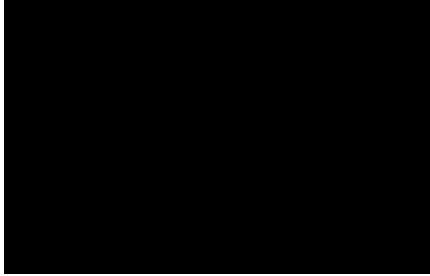
Failure to fully complete this form may result in rejection.
 Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*

Licence Number

Check applicable type of propane operations.

Cylinder Motor Fill Filling Plant Card/Keylock

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



SECTION A: GENERAL INFORMATION

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

A Company Name Ontario Corporation No., if applicable

Operator Name (if different from above)

Telephone No. Fax No. E-mail

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

Town / City or Township / County Province Postal Code

Mailing address if different from above.

C Street No. Street Name / 911 Number / Address, if applicable

Town / City or Township / County Province Postal Code

Information on Container Refill Centre or Filling Plant

Location of facility.

D Street No. Street Name / 911 Number / Address, if applicable Nearest Major Intersection

Town / City or Township / County Province Postal Code

Name of Licence Holder

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). ROT type

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

Hours of operation.

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

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

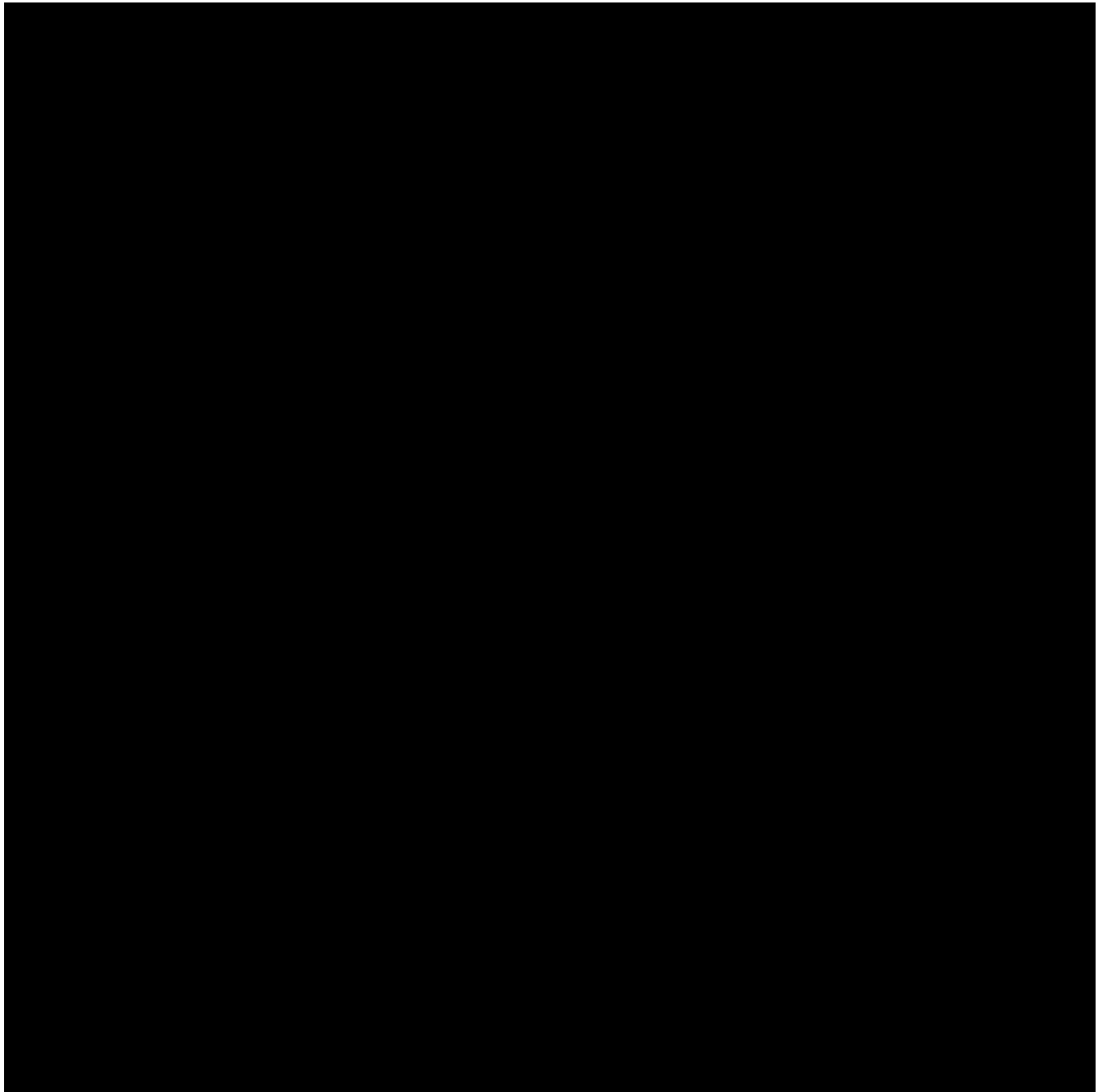
Print name	Signature	Date (dd-mmm-yyyy)
Name of Licence Holder <input type="text" value="Ground Effects Ltd"/>		<input type="text" value="28-05-2013"/>
Name of Senior Management person as defined in the Regulation holding the Record of Training <input type="text" value="Mark Kupko"/>		



Technical
Standards and
Safety Authority
www.tssa.org

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

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



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. Wintre McConnell	Official Title Senior Human Resources Coordinator	
Signature <i>Wm McConnell</i>	Telephone No. 519-944-3800 1245	Date (dd-mm-yyyy) <i>8/8/14</i>



Technical Standards and Safety Authority
www.tssa.org

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 A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s)		[Redacted]	
Superior Propane Ontario Regional Operator Centre			
Street No.	Street Name / 911 Number / Address, if applicable		
251	Woodlawn Road #217		
Town / City or Township / Country		Province	Postal Code
Guelph		Ontario	N1H8J1
Telephone No.	Fax No.	Contact Name	
18778737467	8663413395	Jason Farrell	
E-mail			
farrellj@superiorpropane.com			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>		[Redacted]	
Superior Propane Chatham			
Street No.	Street Name / 911 Number / Address, if applicable		
7652	Queens Line Road Highway 2 West		
Town / City or Township / Country		Province	Postal Code
Chatham		Ontario	N7M5J5
Telephone No.	Fax No.	Contact Name	
18778737467		Jason Ferrell	
E-mail			
farrellk@superiorpropane.com			

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 Name

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

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

Name of person completing this form (please print)	Official Title	
Wintre McConnell	Senior Human Resources Coordinator	
Signature	Telephone No.	Date (dd-mm-yyyy)
	519-944-3800 ext 1245	29-05-2013



Technical Standards and Safety Authority
www.tssa.org

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.

C . MSDS log included in the submission. low quantities stored

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

Fire extinguishers/sprinkler system/two hydrants (front and rear of building)

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 monitored by SOS, fire equipment indicated above.

There are fusible links on all the sprinkler heads.

There are heat sensors in the ceiling and the whole plant is sprinkled with a fire department standpipe hook up.

Maintenance and testing schedule for fire protection controls and devices.

Annual inspections per code.

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)

Wintre McConnell

Official Title

SR Human Resources Coordinator

Signature

Wintre McConnell

Telephone No.

519 944 3800 (1245)

Date (dd-mm-yyyy)

29-5-13

(PLANT 2) GFX CHEMICAL CONTROL SCHEDULE (NEW) May 2013

PRODUCT NAME	SUPPLIER	USE	LOCATION					REVISION DATE	EXPIRY DATE	Spill Pot. Y/N/H	NPRI Rep Y/N
			1	T	2	Inst	PI 4				
AZURE	DUSTBANE	GLASS CLEANER	X		X	X	X	1-Aug-12	1-Aug-15	N	N
PINOSAN	DUSTBANE	FLOOR CLEANER			X			1-Aug-12	1-Aug-15	N	N
LIQUID PINK HAND SOAP	DUSTBANE	HAND SOAP	X		X	X	X	1-Aug-12	1-Aug-15	N	N
ORANGE HAND CLEANER	LUSTERSHEEN	HAND SOAP			X			1-Nov-12	1-Nov-15	N	N
LUBRIPLATE 930-A	LUBRICANTS CO.	LUBRICANT			X			7-Mar-12	7-Mar-15	N	N
Active Lube spindle oil	Active Industrial Fluid Co	Air tool oil	X		X			1-Jan-13	1-Jan-16	N	N
RUBBING ALCOHOL	J.T. BAKER	MEDICAL	X	X	X	X		1-Nov-10	1-Nov-13	N	N
VIM CLEANSER	DIVERSEY	Multi-Purpose cleaner			X			29-Sep-10	29-Sep-13	N	N
GREASELESS LUBRICANT	LPS	LUBRICANT			X			19-Sep-11	19-Sep-14	N	N
COMET	P&G	CLEANER	X		X			1-Nov-10	1-Nov-13	N	N
HYD.PEROXIDE	SOLVAY CHEM.	MEDICAL	X	X	X	X		26-Jan-11	26-Jan-14	N	N
FANTASTIK	SC JOHNSON	CLEANER	X		X			9-May-11	9-May-14	N	N
BUG-B-GON	SCOTT'S	INSECT SPRAY			X			29-Jan-13	29-Jan-16	N	N
PRO21 SPRAY GREASE	AEROSPACE LUB. CO.	GREASE SPRAY	X		X			9-Jan-12	9-Jan-15	N	N
GENERAL SILICONE	NUCO INC.	SILICONE SEALANT			X			1-May-11	1-May-14	N	N
INSTAPAK PORT CLEAN.	SEALED AIR CORP.	CLEANER			X			10-Dec-10	10-Dec-13	Y	N
INSTAPAK SOLVENT	SEALED AIR CORP.	DISPENSER SOL.			X			10-Dec-10	10-Dec-13	Y	N
PROPANE (TANK)	SUPERIOR	LIFT TRUCKS	X		X			17-Jan-11	17-Jan-14	Y	N
WD 40	WD 40	LUBRICANT	X	X	X	X	X	21-Jul-12	21-Jul-15	N	N
MINERAL SPIRITS	RECOCHEM INC	SOLVENT			X			16-Aug-11	16-Aug-14	N	N
ETHYL ALCOHOL	MACDONALD AND WHITE	ALCOHOL SOLVENT			X			20-Apr-10	20-Apr-13	N	N
PLEDGE	JOHNSON DIVERSEY	CLEANER			X			17-Feb-12	17-Feb-15	N	N
Expo 2000	Expo 2000	GLASS CLEANER			X			1-Aug-12	1-Aug-15	N	N



Technical Standards and Safety Authority
www.tssa.org

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 (cont'd)

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact		5. Facility 24-Hour Contact Person	
Name Brent Kwapisz	For Office Use - Party No.	Name Omer Gursoy	For Office Use - Party No.
Official Title Operations Manager Canada-China		Official Title VP Global Operations	
Telephone No. 519-944-3800	Fax No. 519-946-0747	Cell No. 519-818-1058	Fax No. 519-944-5334
E-mail BKwapisz@gfxltd.com		E-mail OGursoy@gfxltd.com	
Role and responsibilities in emergency Operations Manager will ensure managers are trained on the plan and facility is evacuated and ensure associate safety.		Role and responsibilities in emergency EMS Manager. Responsibility for all plants and will respond to emergencies.	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Scott Hebert	For Office Use - Party No.	Name Scott Hebert	For Office Use - Party No.
Official Title Plant Manager		Official Title Plant Manager	
Telephone No. 519-944-3800 1256	Fax No. 519-946-0747	Telephone No. 519-944-3800	Fax No. 519-946-0747
E-mail SHebert@gfxltd.com		E-mail shebert@gfxltd.com	
Role and responsibilities in emergency In a propane emergency will liase with the fire department after initial call is made and remain the contact between until the Operations Manger arrives.		Role and responsibilities in emergency Manager of Plant 2, will ensure facility is evacuated and ensure associate safety.	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Steve Laforet	For Office Use - Party No.	Name Superior Propane Hotline	For Office Use - Party No.
Official Title Deputy Chief	E-mail slaforet@city.windsor.on.ca	Official Title	E-mail
Telephone No. 5192533016 x253	Fax No. 5192556832	Telephone No. 18778737461	Fax No. 5198367766
Role and responsibilities in emergency Coordination with Windsor Fire and Rescue Services CEMC.		Role and responsibilities in emergency Identify and dispatch Superior Propane and or LPERGC if required.	
Fire Services Address 815 Goyeau St. Windsor ON N9A1H7		Propane Supplier Address 251 Woodlawn Road #217 Guelph ON N1H 8J1	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Brian McLaughlin	For Office Use - Party No.	Name Valerie Critchley	
Official Title Deputy chief	E-mail bmclaughlin@city.windsor.on.ca	Official Title Municipal Clerk	
Telephone No. 5192533016 x272	Fax No. 5192556832	Telephone No. 519 255 6285	Fax No. 519 255 6868
Role and responsibilities in emergency Coordination of Windsor Fire and Rescue Services Personnel and Operations.		E-mail clerks@city.windsor.on.ca	
Fire Services Address 815 Goyeau St. Windsor ON N9A1H7		Municipality Name and Address Corp. of the City of Windsor 350 City Hall Square W 2nd FL Rm 203 Windsor ON	

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) Wintre McConnell	Official Title Senior Human Resources Coordinator
Signature 	Telephone No. 519-944-3800 ext 1245
	Date (dd-mm-yyyy) 29-05-2013



**Technical
Standards and
Safety Authority**
www.tssa.org

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 (cont'd)

2. Additional Safety Measures

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

[Large empty area with horizontal dashed lines for describing additional safety measures.]

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) Wintre McConnell	Official Title Senior Human Resources Coordinator	
Signature <i>Wintre McConnell</i>	Telephone No. 519-944-3800 ext 1245	Date (dd-mm-yyyy) 29-05-2013



Technical Standards and Safety Authority
www.tssa.org

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 (cont'd)

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

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

Training Date (dd-mm-yyyy) 27-12-2012	Print Name of Training Provider: (Internal Training)
	Print Name of Instructor: Wintre McConnell
Training Date (dd-mm-yyyy) 28-5-2013	Print Name of Training Provider: Internal Training
	Print Name of Instructor: Wintre McConnell
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Training Date (dd-mm-yyyy) 12-27-12	Print Name of Training Provider: Internal Training
	Print Name of Instructor: Wintre McConnell
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 provided to certificate holders / persons with Records of Training.

Training Date (dd-mm-yyyy) 11-29-12	Print Name of Training Provider: FSN
	Print Name of Instructor: Joe McLeod
Training Date (dd-mm-yyyy) 11-04-2013	Print Name of Training Provider: FSN
	Print Name of Instructor: Joe McLeod
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) Wintre McConnell	Official Title Senior Human Resources Coordinator
Signature 	Telephone No. 519 944-3800 ext 1245
	Date (dd-mm-yyyy) 29-05-2013



Technical Standards and Safety Authority
www.tssa.org

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 (cont'd)

4. Emergency Training Plan for Coming Year

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

Target Date (dd-mm-yyyy) 12-01-13	Print Name of Training Provider: Internal Training- Refresher
	Print Name of Instructor: Wintre McConnell
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 Emergency Management Procedures provided to staff.

Target Date (dd-mm-yyyy) 12-01-13	Print Name of Training Provider: Internal Training (Refresher)
	Print Name of Instructor: Wintre McConnell
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 provided to certificate holders / persons with Records of Training.

Target Date (dd-mm-yyyy) 10-01-2013	Print Name of Training Provider: FSN
	Print Name of Instructor: Joe McLeod
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:

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) Wintre McConnell	Official Title Senior Human Resources Coordinator
Signature <i>Wintre McConnell</i>	Telephone No. 519-944-3800 ext 1245
	Date (dd-mm-yyyy) 29-05-2013



Technical Standards and Safety Authority
www.tssa.org

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

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

EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

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

Warnings and Actions

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).
1. Associates report to Supervisor. 2. Supervisor initiates emergency response plan and contacts Superior Propane. If emergency response is required Supervisor to call 911 and notify Plant Manager (designate Production Manager) HR and VP Canada/Asia. Supervisor to remain in contact with emergency response until Plant Manager and/or VP is on site and they will continue the communication while supervisor oversees associates. Management and HR to notify neighboring businesses and external parties as appropriate

Describe what action is to be taken and by whom when a warning is issued (including details of a meeting place in a safe identified area and activating the evacuation plan, if necessary).
Associates to report to designated meeting space (front grass on neighboring building to the East). Supervisor to initiate contact with Superior Propane and Windsor Fire and Rescue. Designated employee will retrieve the MSDS/First Aid kit. Supervisor to contact Plant Manager (designate: Production Manager) HR and VP Canada/Asia. Plant Manager/VP Canada/Asia to notify Senior Management. 24 hour contact is Executive VP Global Operations

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).
1. Associates report to Supervisor 2. Supervisor initiates call to 911 and Superior Propane along with Plant Manager/VP Canada/Asia and HR.
2. Supervisor continues contact until relieved by Plant Manager and or VP Canada/Asia
3. If no emergency response required Supervisor will ensure Superior Propane is contacted to do maintenance on tank.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.
There is no after hours security and the facility is fenced around the perimeter. A midnight shift runs M-F
Emergency response will enter the lot from the street and follow along the east side of the building to the rear shipping area where the tank is
RSMP and Emergency Preparedness Plans are submitted to the Fire Department
Fire Route sign is posted.

Describe how the licence holder will ensure continual flow of updated information to authorities.
Supervisor is first contact and maintains contact until Plant Manager (designate Production Manager) and/or VP is on site who will then continue providing updates to authorities

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

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. Wintre McConnell	Official Title Senior Human Resources Coordinator
Signature 	Telephone No. 5199443800 1245
	Date (dd-mm-yyyy) 8/8/14



Technical Standards and Safety Authority
www.tssa.org

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 (cont'd)

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

6. Building and Site Security and Procedures

	Yes	No
1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there adequate night lighting at the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are there procedures that capture and record the daily inspection of hoses and inspection requirements for filling systems and mechanical devices used in the transfer of propane?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are weighing systems validated for accuracy?	<input type="checkbox"/>	<input checked="" type="checkbox"/> <i>Not filled by weight</i>
7. Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is the schedule of maintenance and testing activities retained on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7. Water Supply

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

	Yes	No
1. Is a pressurized water system available at the propane facility site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)	<u>300</u>	<u>132 Approx.</u>
4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only)		

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) Wintre McConnell	Official Title Senior Human Resources Coordinator
Signature <i>Wintre McConnell</i>	Telephone No. 519-944-3800 ext 1245
	Date (dd-mm-yyyy) 29-05-2013



Technical Standards and Safety Authority
www.tssa.org

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)

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

8. Licence holder and local Fire Services Review

To be completed by the Local Fire Services

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

Yes

No

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

Fire services comments, if any:

No comments.

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)

LOCAL FIRE SERVICES

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

Local Fire Services Name	Print name	Signature	Date (dd-mm-yyyy)
Windsor Fire + Rescue Services	Andrea De Jong	<i>[Signature]</i>	11-06-2013

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) <i>Wintre McConnell</i>	Official Title <i>SR Human Resources Coordinator</i>
Signature <i>[Signature]</i>	Telephone No. <i>519-944-3800</i>
	Date (dd-mm-yyyy) <i>14/06/2013</i>



Technical Standards and Safety Authority
www.tssa.org

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

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) 5-28-2013	Capacity of single largest propane storage vessel (USWG) 1000
Tank setback coordinates. Indicate placement on the map.	
Front: $476' 10" = 145m$	Right side property line: $553' 8" = 169m$
Rear: $245' 7" = 75m$	Left side property line: $130' 10" = 40m$
GPS coordinates of single largest vessel: <u>Lat:42 16 39.45N Long: 82 58 20.66w</u>	

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

Name of person completing this form (please print) <i>Wintre McConnell</i>	Official Title <i>SIR Human Resources Coordinator</i>	
Signature <i>Wm McConnell</i>	Telephone No. <i>519-944-3800(1245)</i>	Date (dd-mm-yyyy) <i>28-5-13</i>



Technical Standards and Safety Authority
www.tssa.org

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 C: SUBMISSIONS (cont'd)

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

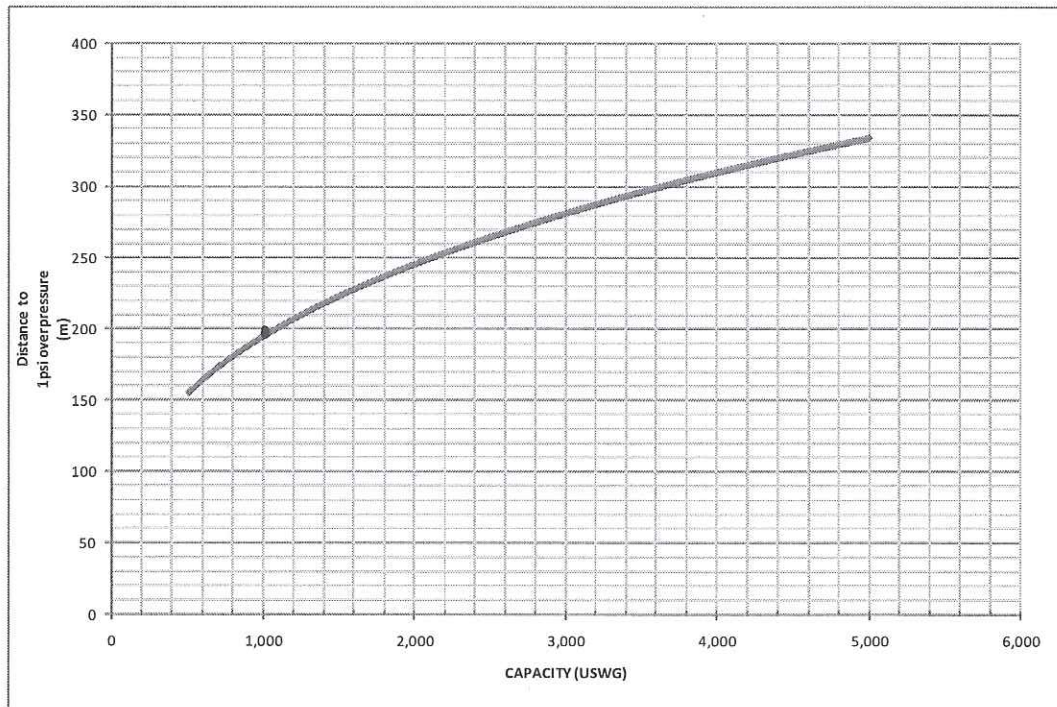
Table 1: Distance Table

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

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

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

Hazard Distance Chart (EPA-TNT model)





Technical Standards and Safety Authority
www.tssa.org

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

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

Table 2: Buildings and Features

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: <u>Grand Effects Ltd / IS+D</u> Address: <u>2875 St Etienne Blvd</u> City: <u>Windsor</u> Province <u>ON</u> Postal Code _____			X		<u>80</u> m <u>Approx.</u>
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	6				_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	0				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m

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

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

Name of person completing this form (please print) Wintre McConnell	Official Title Senior Human Resources Coordinator
Signature 	Telephone No. 519-944-3800 ext 1245
	Date (dd-mm-yyyy) 29-05-2013



Technical Standards and Safety Authority
www.tssa.org

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

WORKSHEET

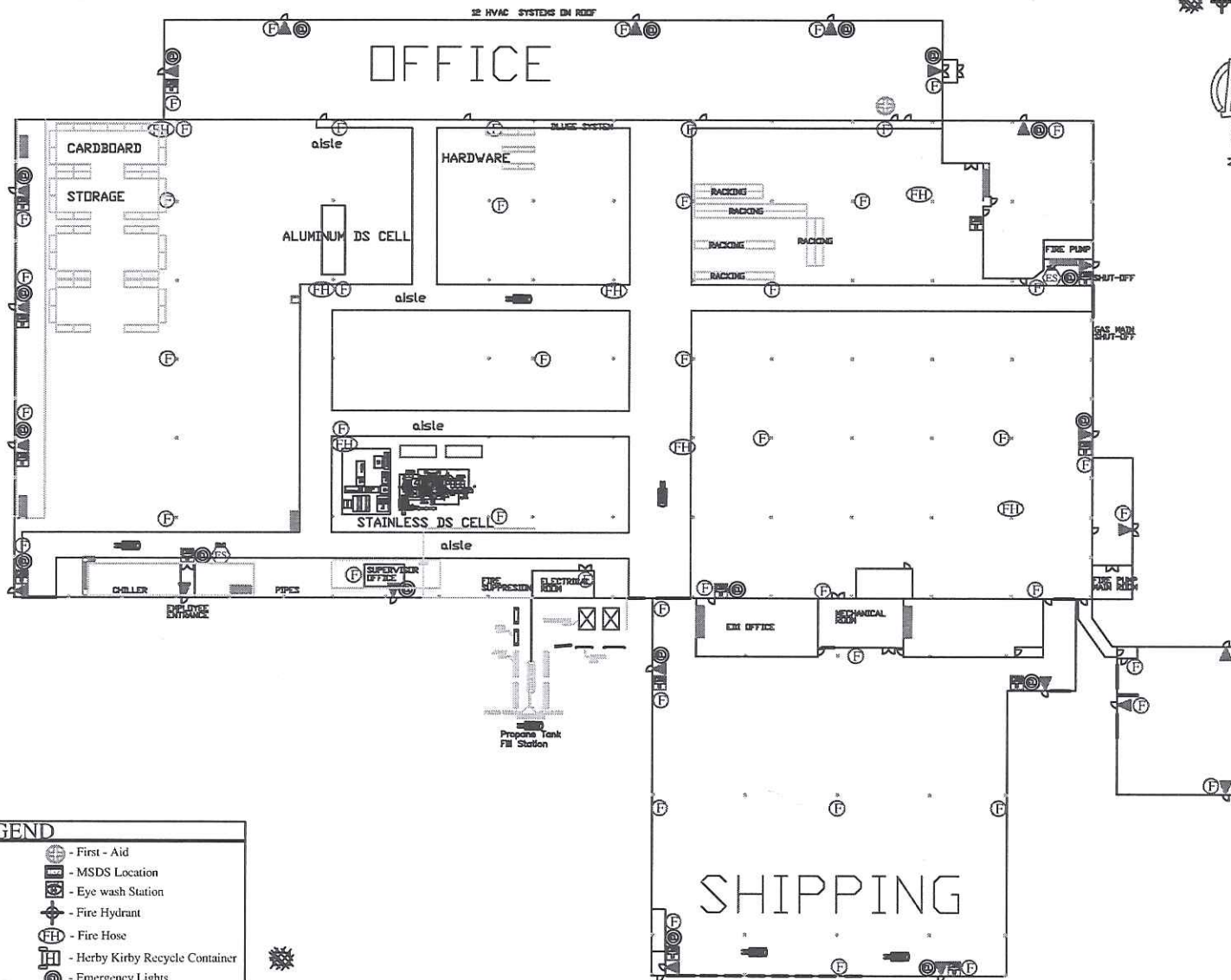
Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62	20	192.40
# 30	8.8		
# 20	5.8		
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			192.40

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	192.40
Total Tank Capacity	0
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	192.40



Grossman Company

GFX - Plant 2
 2775 St. Etienne
 Windsor, Ontario
 N8W 5R9
 (519) 944-3888

LEGEND

- | | |
|----------------------------------|--------------------------------------|
| (F) - Fire Extinguishers | (A) - First Aid |
| (P) - Fire Pull Station | (M) - MSDS Location |
| (R) - Recycle Bins | (E) - Eye wash Station |
| (T) - Tornado Shelter Area | (H) - Fire Hydrant |
| (E) - Emergency Exits | (FH) - Fire Hose |
| (S) - Emergency Stop | (HK) - Herby Kirby Recycle Container |
| (H) - H & V Shut Off | (EDC) - Floor Drain Cover |
| (M) - Evacuation Meeting Place | (CB) - Cardboard Bin |
| (S) - Spill Containment Box | (SP) - Step Pad Area |
| (W) - Waste / Garbage Containers | (P) - Polysleeve Containers |

2775 St Etienne Blvd, Windsor, ON N8W 5B1, Canada

Google Earth - New Placemark

Name: Untitled Placemark

Latitude: 42°16'39.41"N

Longitude: 82°58'20.76"W

Description Style, Color View Altitude

Center in View

Latitude: 42°16'41.27"N

Longitude: 82°58'21.20"W

Range: 326m

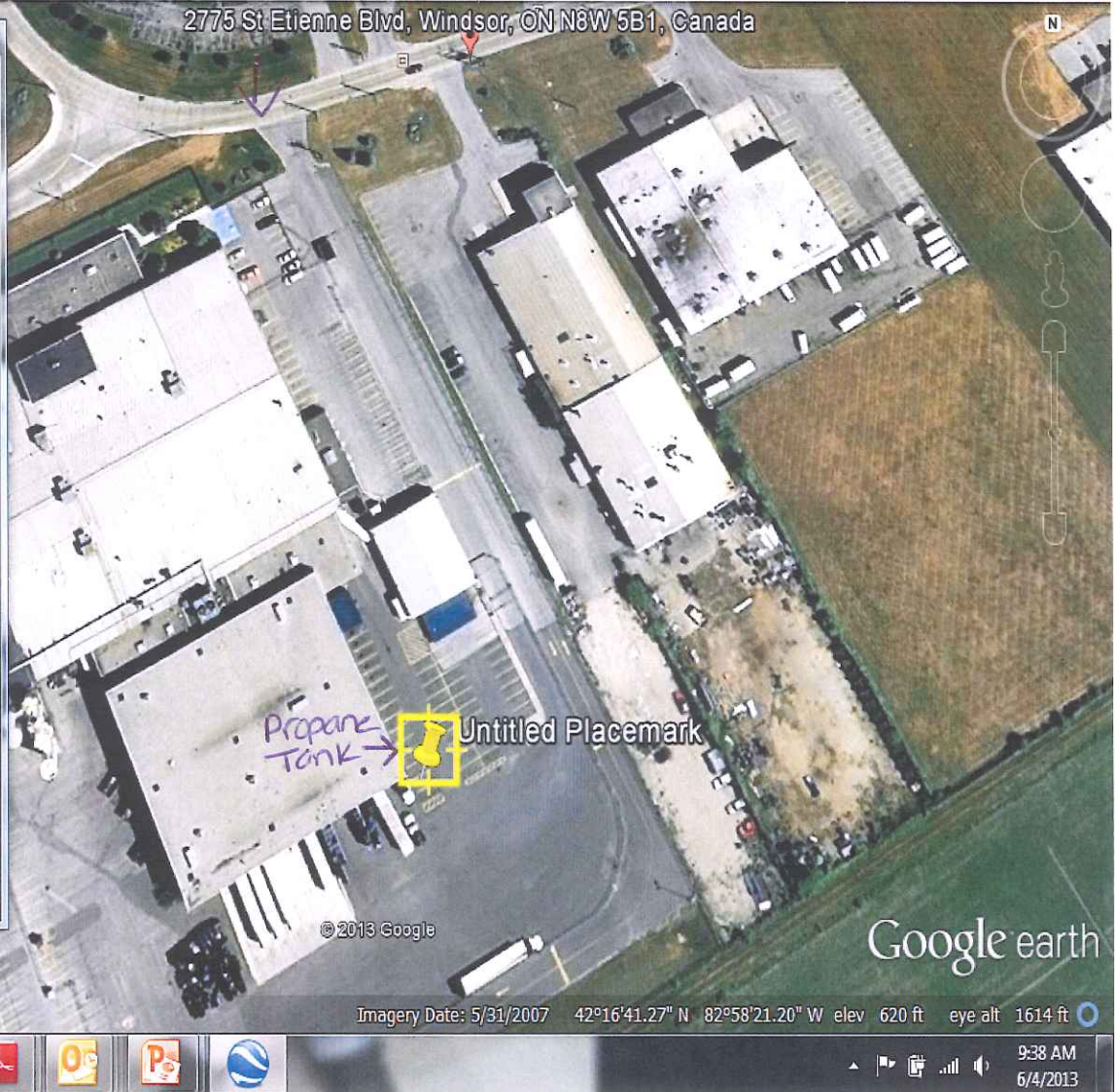
Heading: 0.000000°

Tilt: 22.000000°

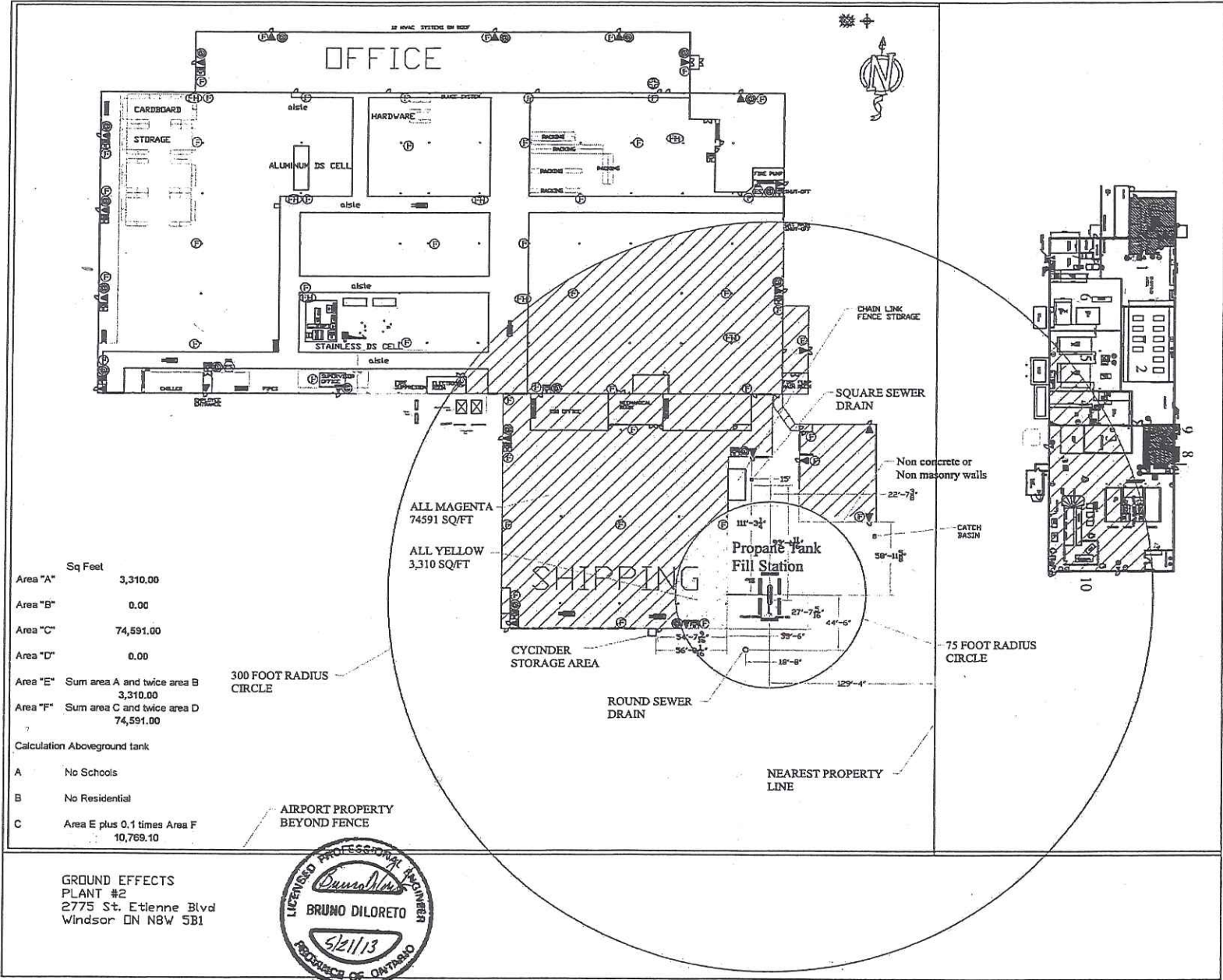
Date/Time: None

Snapshot current view Reset

OK Cancel



- 3D Buildings
- Ocean
- Weather



Area	Sq Feet
Area "A"	3,310.00
Area "B"	0.00
Area "C"	74,591.00
Area "D"	0.00
Area "E"	Sum area A and twice area B 3,310.00
Area "F"	Sum area C and twice area D 74,591.00

Calculation Aboveground tank

A No Schools

B No Residential

C Area E plus 0.1 times Area F
10,769.10

300 FOOT RADIUS CIRCLE

AIRPORT PROPERTY BEYOND FENCE

GROUND EFFECTS
PLANT #2
2775 St. Etienne Blvd
Windsor ON N8W 5B1



ALL MAGENTA
74591 SQ/FT

ALL YELLOW
3,310 SQ/FT

NEAREST PROPERTY LINE

75 FOOT RADIUS CIRCLE