



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Tel: 416 734 3300
 Fax: 416 231 4078
 Customer Service: 1.877.682.8772
 propane@tssaa.org
 www.tssaa.org

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

Intake Group
 DEC 04 2018
RECEIVED

This Level 1 RSMP applies to:

- a facility with a total propane storage capacity of 5,000 USWG or less
- 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: 000304295

Check applicable type of propane operations:
 Cylinder Motor Fuel Filling Plant Card/Keylock

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

For Office Use Only

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: 1985447 ONTARIO INC Corporation No. _____
 Operator Name (if different from above): _____
 Telephone No: 705-324-1534 Fax No. _____ E-mail: 17lindsayshell.store@gmail.com

B Street No: 17 Street Name / 911 Number / Address, if applicable: Lindsay Street South
 Town / City or Township / County: Lindsay Province: Ontario Postal Code: K9V 2L7

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: 17 Street Name / 911 Number / Address, if applicable: Lindsay St. S. Nearest Major Intersection: Lindsay St & Russell St. W.
 Town / City or Township / County: Lindsay Province: Ontario Postal Code: K9V 2L7

Name of Licence Holder: _____

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT): Susan Mohr ROT type: 100-08

Municipality (or municipalities if the facility or its hazard distance touches multiple borders): City of Kawartha Lakes

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.

Printname	Signature	Date (dd-mm-yyyy)
Name of Licence Holder: XI WU	<i>Xi Wu</i>	17-04-2018
Name of Senior Management person as defined in the Regulation holding the Record of Training: SUSAN MOHR	<i>Susan Mohr</i>	17-09-2018



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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. _____

Identify the psig rating and serial number for each fixed propane storage tank on site.

	PSIG	Serial Number
Tank 1	250psig	137-01
Tank 2	_____	_____
Tank 3	_____	_____

Enter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for each type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.

Fixed 2000 USWG Portable 139.2 USWG Mobile 0 USWG

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Name of person completing this form (please print) SUSAN MOHR	Official Title MANAGER
Signature <i>Susan Mohr</i>	Telephone No. 705-324-1534 Date (dd-mmm-yyyy) 17-09-2018



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SECTION A: GENERAL INFORMATION (cont'd)
Activity Information

Name of Propane Supplier(s) Pnmemax Energy Inc		For Office Use - Party No	
Street No. 2558	Street Name / 911 Number / Address, if applicable Cedar Creek Road RR#1		
Town / City or Township / Country Syr		Province Ontario	Postal Code N0B 1E0
Telephone No. 1-519-740-8209	Fax No. 1-519-740-1015	Contact Name Mike Taylor	
E-mail pnmemax@pnmemaxenergy.com			

Name of Propane Transporter. If same as above, please check box. <input checked="" type="checkbox"/>		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	
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 Name	

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

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Signature 	Telephone No. 705-324-1534	Date (dd-mmm-yyyy) 17-09-2018	



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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.
 The site has 1x2 000 USWG Vertical propane tank 1x20lb cylinder for purging and 1 cylinder cage holding up to 24x20lb cylinders. Facility also has underground gasoline tanks 2x40 000 litre in Regular 1x40 000 litre for Diesel and 140 000 litre for premium. All underground tanks are fibreglass double walled protected. There are no hazardous products on site.

Description of fire and emergency equipment indicated on facility site map.
 The facility is equipped with fire extinguishers. There is one located at the propane tank, two located at the gasoline islands and two located in the store. There is a remote Emergency shut down (ESD) located on one of the posts at the tank which is clearly marked. The ESD kills power to the propane and stops the motor and closes the fuel supply solenoid valve to prevent product flow.

List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.) and describe their function, use and operation.
 The propane tank is equipped with a fusible link connected to a chain that will melt at 212 degrees F which will break the chain and the spring loaded ISC valve will close automatically shutting off the propane suction to the pump. There is a Emergency Shut Down (ESD) located on one of the posts at the tank. The ESD kills power to the propane and stops the motor and closes the fuel supply solenoid valve to prevent product flow. The site has 19 security cameras located at various locations that are monitored.

Maintenance and testing schedule for fire protection controls and devices.
 The fire extinguishers are checked monthly and retested annually for proper operation. The propane equipment and ESD is inspected annually by a TSSA register contractor. Copies of inspection reports are kept on site.

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Name of person completing this form (please print) SUSAN MOHR	Official Title MANAGER	Date (dd-mm-yyyy) 17 03-2015
Signature <i>Susan Mohr</i>	Telephone No. 705-324-1534	



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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 Susan Mohr	For Office Use - Party No.	Name Susan Mohr	For Office Use - Party No.
Official Title Manager		Official Title Manager	
Telephone No. 705-324-1534	Fax No.	Cell No. 705-359-1088	Fax No.
E-mail lindsayshell.store@gmail.com		E-mail lindsayshell.store@gmail.com	
Role and responsibilities in emergency Ensure that all employees are trained to work with propane and enforces the site safety plan in response to emergencies. Will make 911 call.		Role and responsibilities in emergency same as item #1	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Lois Mohr	For Office Use - Party No.	Name Susan Mohr	For Office Use - Party No.
Official Title assistant manager		Official Title Manager	
Telephone No. 705-878-5472none	Fax No.	Telephone No. 705-324-1534	Fax No.
E-mail lindsayshell.store@gmail.com		E-mail lindsayshell.store@gmail.com	
Role and responsibilities in emergency Ensure that all employees are trained to work with propane and enforces the site safety plan in response to emergencies. Will make 911 call.		Role and responsibilities in emergency	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Mark Pankhurst	For Office Use - Party No.	Name Mike Taylor	For Office Use - Party No.
Official Title Fire Chief	E-mail mpankhurst@city.kawarthalakes.on.ca	Official Title General Manager	E-mail mtaylor@pnmmaxenergy.com
Telephone No. 705-324-5731 ext 520	Fax No. 705-878-3463	Telephone No. 1-519-740-8209	Fax No. 1-519-740-1015
Role and responsibilities in emergency Coordinates all Fire Prevention Activities and assigns the resources as required during emergencies		Role and responsibilities in emergency Coordinates truck deliveries and would initiate the PA Emergency Response Plan as required	
Fire Services Address 9 Cambridge St. N. Lindsay ON K9V 4C4		Propane Supplier Address Pnmmax Energy Inc. 2558 Cedar Creek Rd. RR#1, Syr. ON. N0B 1E0	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name ron raymer	For Office Use - Party No.	Name CATHIE RITCHIE	For Office Use - Party No.
Official Title Deputy Fire Chief	E-mail rraymer@city.kawarthalakes.on.ca	Official Title clerk	
Telephone No. 705-324-5731-ext 592	Fax No. 705-878-3463	Telephone No. 705-324-9411 ext 1295	Fax No. 705-324-8110
Role and responsibilities in emergency Alternate contact for the township when the chief is away		E-mail critche@kawarthalakes.ca	
Fire Services Address 9 Cambridge St. N. Lindsay ON K9V 4C4		Municipality Name and Address 28 Francis St. Lindsay ON K9V 5R8	

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Name of person completing this form (please print) SUSAN MOHR	Official Title MANAGER
Signature 	Telephone No. 705-324-1534
	Date (dd-mm-yyyy) 17-09-2015



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

2. Additional Safety Measures

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

The facility is built to the propane code requirements and does not have any extra features that are over and above the code. The tank is protected with concrete filled posts on all sides and has an Emergency shutdown button that will kill power to the pump and solenoid valve when pushed. Tank is in constant site of employees on the premises. Fire Equipment access is easy. JUST off of Lindsay Street with a large area to manoeuvre trucks around.

On site you will also find gas pumps and a convenience store. the facility is a 24/7 station, with security cameras inside and out. Beside the propane tank is a propane exchange cage that is usually filled with about 36 extra tanks. (20lbs only)

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

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

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

Training Date (dd-mmm-yyyy) June 20, 2018	Print Name of Training Provider: ProMar Petroleum
	Print Name of Instructor: Mike Martin
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Training Date (dd-mmm-yyyy) June 20, 2018	Print Name of Training Provider: ProMar Petroleum
	Print Name of Instructor: Mike Martin
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training.

Training Date (dd-mmm-yyyy) June 20, 2018	Print Name of Training Provider: ProMar Petroleum
	Print Name of Instructor: Mike Martin
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Signature 	Telephone No. 705-324-1534
	Date (dd-mmm-yyyy) 17-09-2018



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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) 20-03-2019	Print Name of Training Provider Shell Lindsay Print Name of Instructor SUSAN MOHR
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) 20-03-2019	Print Name of Training Provider Shell Lindsay Print Name of Instructor SUSAN MOHR
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) TBD	Print Name of Training Provider ProMar Petroleum Print Name of Instructor Mike Martin
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

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Name of person completing this form (please print) SUSAN MOHR	Official Title MANAGER
Signature 	Telephone No. 705-324-1534 Date (dd-mm-yyyy) 17-09-2018



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

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

5. Emergency Response Communications Plan

Warnings and Actions

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate)
 The attendant on site will notify the patrons at the propane facility that a problem has occurred after pressing the ESD switch and closing the ISC valve. The patrons will be asked to leave the site and the attendant will proceed to call 911 and ask for Fire Services and Police response. After the call is made the attendant will proceed to notify any staff and proceed to the "muster Point". Notification of businesses in the Blast radius will be the responsibility of attendant and the City of Kawartha Police Department.

Describe what action is to be taken and by whom when a warning is issued (including details of a meeting place in a safe identified area and activating the evacuation plan, if necessary).
 After a warning is issued the attendant will block off the entrance/exits to the site. Once the area is free of customers the attendant will also notify surrounding businesses and tenants who live in the area. See drawing (P-101) and await the arrival of Emergency responders, when all is done everyone will meet at the muster point.

Communication with Emergency Response Authorities

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).
 Once a emergency situation is confirmed at the propane facility, the attendant will call 911 to ask fire and police response, the attendant always carries a cell phone and also has access to a phone inside the C-store. A call will be made by any of the two means. After the call is made the attendant will await the arrival of the emergency responders. The RSMP document is maintained on site at the "pay point" for presentation to the emergency responders.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.
 The site is not fenced so access to the site is always available to emergency responders from Lindsay street. The tank is located at the side of the property and a fire hydrant is right out front of the property (corner of Lindsay and Russell) so access is close to the tank.
 There are no barriers to the tanks.

Describe how the licence holder will ensure continual flow of updated information to authorities.
 The attendant will always be on site as the site operates 24/7. When emergency responders come to the site the attendant will identify themselves as the person who is responsible for the propane and will communicate directly with the emergency responders. The amount of product in the propane tank will be communicated to the emergency responders but daily records are kept to show what propane has been used. tank hold 6300 litres when full, as there are no gauges indicating the quantity. Only records of sales are tabulated.

How long will it take the facility liaison person to respond to the site.
 it should be about 20 to 25minutes for susan mohr to get to the site.

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Name of person completing this form (please print) SUSAN MOHR	Official Title MANAGER	Date (dd-mm-yyyy) 17-09-2013
Signature 	Telephone No. 705-324-1534	



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

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

6. Building and Site Security and Procedures

- | | Yes | No |
|---|-------------------------------------|--------------------------|
| 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 checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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) | 50m _____ | |
| 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 _____ | |

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Signature 		Telephone No. 705-324-1534	Date (dd-mm-yyyy) 17-09-2018

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

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

To be completed by the Licence Holder

In response to the above comments, the following action(s) is required:

The licence holder will respond to the Local Fire Services comments by _____

(dd-mmm-yyyy)

LOCAL FIRE SERVICES

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

Print name	Signature	Date (dd-mmm-yyyy)
Local Fire Services Name FRITZ MATTEAL	<i>[Signature]</i>	16/11/2018

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Name of person completing this form (please print)	Official Title
SUSAN Mohr	manager
Signature	Telephone No.
<i>[Signature]</i>	705-324-1534
	Date (dd-mmm-yyyy)
	17-09-2018

KAWARTHA LAKES



Fire Prevention Division

November 16, 2018

*Susan Mohr
17 Lindsay Street South
Lindsay, Ontario
K9V 2L7*

**Re: Level 1 RSMP (Risk and Safety Management Plan) Comments for Retail Refill Centre 17
Shell Inc. 17 Lindsay Street S., Lindsay, ON.**

Dear Susan Mohr,

This letter is to advise you that this department has reviewed your updated Level 1 RSMP submission. Issues identified to you in our letter dated October 4, 2018 appear to have been addressed in the updated November 2018 submission.

The comments in the October 4, 2018 were review comments based on Fire Service Commentary Document Dated 2016 as prepared by Ontario Association of Fire Chiefs, OMFPOA, Fire Fighters Association of Ontario, City of Toronto, OFM and Emergency Management Ontario.

Yours truly,

Fritz Mattern
Fire Prevention Officer
City of Kawartha Lakes

Kawartha Lakes Fire Rescue Service
9 Cambridge Street North, Lindsay, Ontario K9V 4C4
Telephone: (705) 324-5731 extension 545 fax: (705) 878-3463
fireprevention@kawarthalakes.ca
website: www.kawarthalakes.ca



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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-mmm-yyyy) 11-10-2014	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 8.3m	Right side property line: 3.0m
Rear: 27.4m	Left side property line: 57.3m
GPS coordinates of single largest vessel:	Lat 44 21'17.14"N Long 78 44'4.16"W

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Name of person completing this form (please print) Susan Mohr	Official Title Manager	
Signature <i>Susan Mohr</i>	Telephone No. 705-324-1534	Date (dd-mmm-yyyy) 17-09-2018



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 www.tsssa.org

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

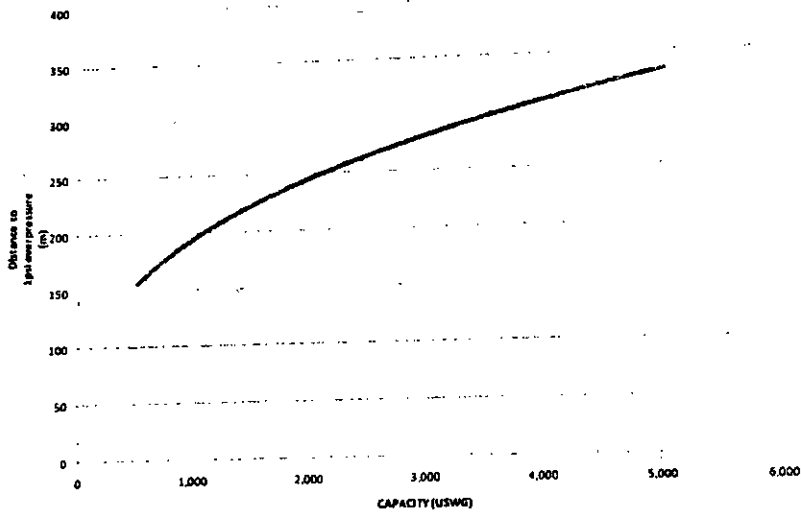
Table 1: Distance Table

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
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Tel 416 734-3300
 Fax 416 231-4078
 Customer Service 1.877.682.8772
 propane@tssa.org
 www.tssa.org

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SECTION C: SUBMISSIONS (cont'd)
 Applicant must include a Facility Site Plan and Map of Surrounding Area

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

Table 2: Buildings and Features

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* 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 _____ Address _____ City _____ Province _____ Postal Code _____	x				_____ m
Residential building units specifically permanent single family dwellings, condominiums, and apartments Name _____ Address _____ City _____				x	44.6m m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes Name comfort zone Address 5 Lindsay St. S. City Lindsay Province Ontario Postal Code K9V 2L7				x	3.05m m
Commercial building units - continuous occupancy specifically hotels, campgrounds, and resorts Name _____ Address _____ City _____ Province _____ Postal Code _____	x				_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons Name Kawartha Lakes Community Clinic Address 40 Lindsay St. S. City Lindsay Province Ontario Postal Code K9V 2L8		x			32m 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) Susan Mohr	Official Title Manager
Signature 	Telephone No. 705-324-1534
	Date (dd-mmm-yyyy) 17-09-2018



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WORKSHEET

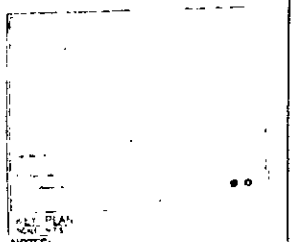
Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8	24	139.2 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	139.2 USWG
Total Tank Capacity	0 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	139.2 USWG



NOTES:
 CONDUIT SIZE TO AN OVERPRESSURE LEVEL OF 1
 IS BASED ON THE TORQUIGNY METHOD TO PER 1.8.4
 CHECKS FOR THE IMPLEMENTATION OF THE GAS AND
 SAFETY MANAGEMENT PLAN.

$$P = 11.3 \left(\frac{1}{100} \times \frac{100}{100} \right)^{1.1} = 11.3$$

PROPERTY LINE SETBACKS	
NORTH	3.0m
SOUTH	17.5m
EAST	8.2m
WEST	27.0m

PIPE COORDINATES	
EASTING	1000000
NORTHING	7000000

IS PER PER CHECKS FOR THE IMPLEMENTATION OF THE
 GAS AND SAFETY MANAGEMENT PLAN THE FACILITY DOES
 REQUIRE 1 LEVEL 1 RISK MITIGATION

PLANNING ADVISORY INFORMATION:

IS PER PER ADVISORY PLACEMENTS THE
 FOLLOWING PLANNING INFORMATION IS
 PROVIDED BELOW:
 CITY OF JAMNATHUR LAYOUT
 30, NEW STREET WEST,
 JAMNATHUR
 PIN: 210
 ATTY: MR. RON TAYLOR
 PH: + 700 224 8411 EXT: 1220
 FAX: + 700 224 8433
 EMAIL: rontaylor@shell.com.au

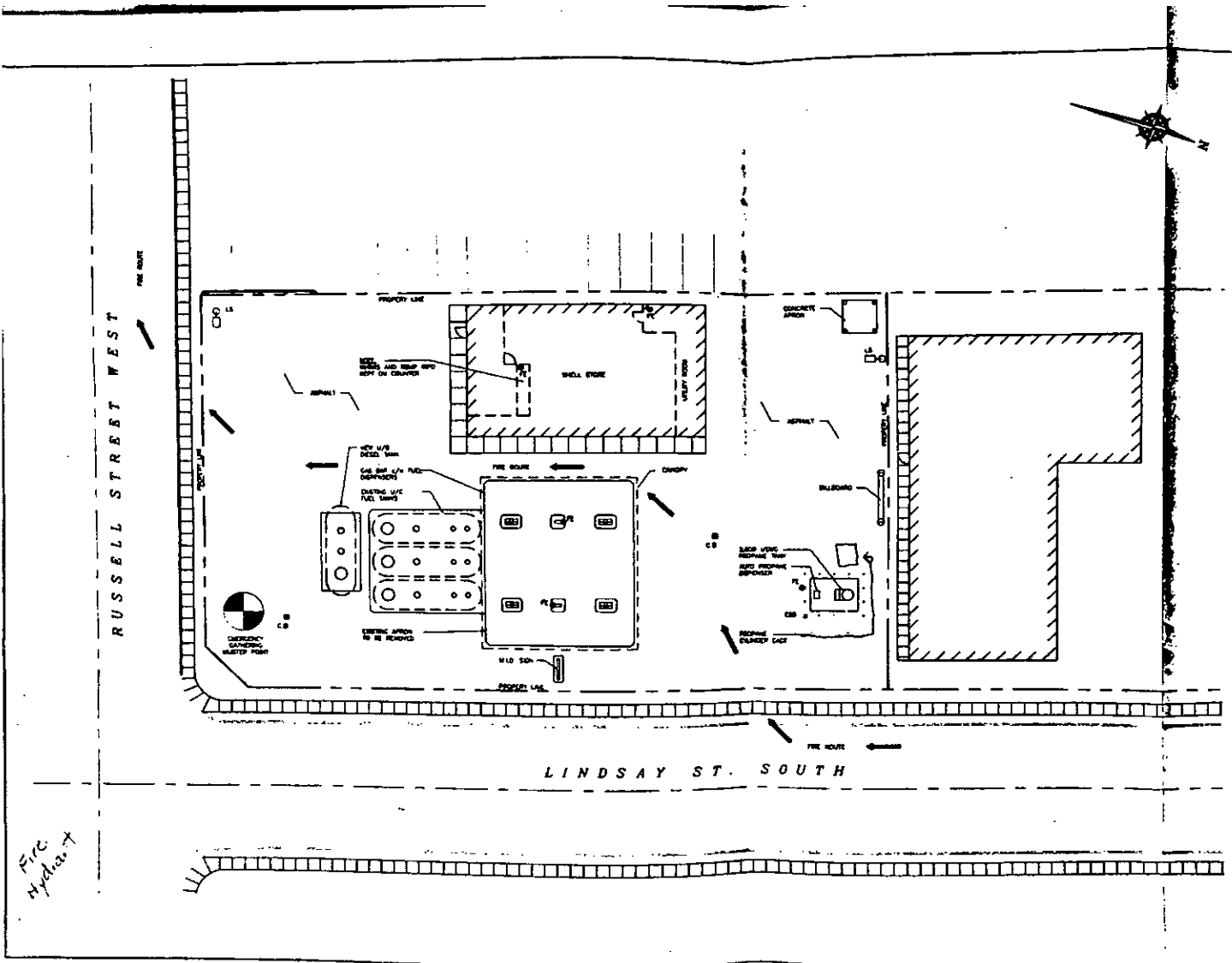
NO.	DATE	REVISION
1	10/10/10	ISSUED FOR PERMITTING



ALTENG Inc.
 Alternative Energy Consulting
 24 Green Street, Richmond, VIC 3121, AUSTRALIA
 Telephone: 052 954 2222

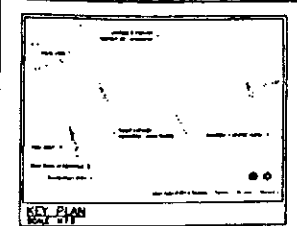
Drawing Title: 17. LINDSEY STREET STATION LINDSEY ST SHEET NO: 141700	Drawing No: 141700 Drawing Date: 10/10/10 Drawing Scale: 1:1000 Drawing Status: FOR PERMITTING
--	---

P-200 141700



RUSSELL STREET WEST

LINDSAY ST. SOUTH



SITE DATA:
 LOT AREA: 226.14 SQ. FT.
 BUILDING AREA: 284.26 SQ. FT.
 LOT COVERAGE OF BUILDING: 11.2%

PROPERTY LINE DISTANCES	
NORTH	2.0m
EAST	87.3m
SOUTH	8.3m
WEST	87.8m

GPS COORDINATES	
LATITUDE	LONGITUDE
42° 51' 17.14" N	121° 04' 1.96" W

- LEGEND:**
- FE ● FIRE EXTINGUISHER
 - FD ● FIRE EXTINGUISHER (DIRTY)
 - ESD ● EMERGENCY SHUT-DOWN
 - MASTER POINT (DIRECTION BASED ON THIS DIRECTION)
 - ← FIRE ROUTE

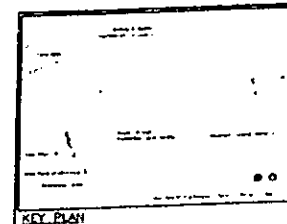
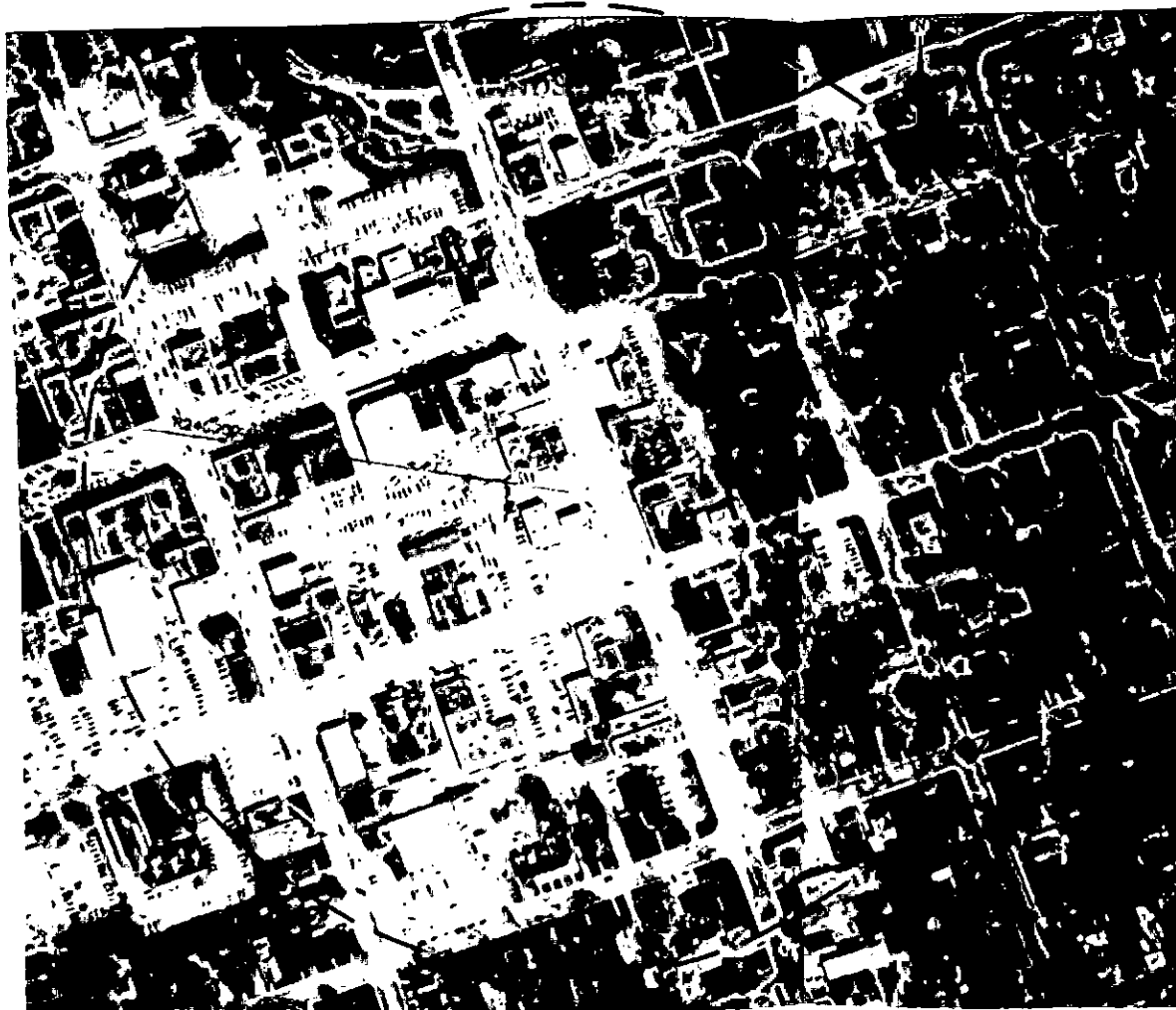
NO. 13	ISSUED AS PER FIRE DEPARTMENT	DATE
NO. 14	ISSUED FOR SHOP APPROVAL	DATE
NO. 15	ISSUED FOR SHOP APPROVAL	DATE

ALTENG Inc.
 Alternative Energy Consulting

124 Main Street, Suite 100, Ontario, CA 91764
 Telephone: (951) 791-1888 Fax: (951) 791-1889

Project: Storage BUILT Station 17 Lindsay Street South Lindsay, CA 95743	Drawn by: G.P. Checked by: G.P. Date: NOV 26 '16 Scale: AS SHOWN
PROPOSED FIRE PLAN FOR 2,000 LBS. PROpane TANK G/LV. INITIAL CHARGES & AUTO REPELING	ACME INFORMATION Drawing No.: 141700-01 Project No.: 141700 Revision: 01

P/C
Hydraz. X



SITE PLAN

SCALE

NOTES:
 CONFORMANCE DISTANCE TO AN OVERPRESSURE LEVEL OF 1
 IS BASED ON THE EQUIPMENT METHOD AS PER T.S.A.
 REGULATIONS FOR THE IMPLEMENTATION OF THE NEW AND
 SAFETY MANUFACTURE ACT.

$$D = 17.2 \left(\frac{V}{K} \right)^{1/3} \text{ METERS}$$

PROPERTY LINE DISTANCE	
NORTH	3.0m
SOUTH	17.5m
EAST	0.5m
WEST	17.0m

GPS COORDINATES	
UTM EAST	18QUC850000
UTM NORTH	2912400000

AS PER T.S.A. REGULATIONS FOR THE IMPLEMENTATION OF THE
 NEW AND SAFETY MANUFACTURE ACT, THIS FACILITY ONLY
 REQUIRES A LEVEL 1 RISK APPLICATION.

PLANNING ADVISORY INFORMATION:

AS PER T.S.A. ADVISORY REQUIREMENTS, THE
 FOLLOWING PLANNING INFORMATION IS
 PROVIDED BELOW:

GPS CO-ORDINATES
 18QUC 8500000
 2912400000
 18QUC 8500000
 2912400000
 18QUC 8500000
 2912400000

DATE	BY	REVISION



ALTENG Inc.
 Alternative Energy Consulting
 179 North Oakes Road, Toronto, Ontario L3T 5J2
 Telephone: (905) 941-1222 Fax: (905) 941-2990

Client: Energy World Centre 17 Lindsay Street South London, ON N6A 6J2	Drawn by: BJ Checked by: AAA Date: NOV 08 '10
Project: HAZOP STUDY LAYOUT FOR 2,200 LBSM PROPANE TANK WITH MEDIA CHARGED & AUTO REFILLING	Drawing No: 111088 JOB INFORMATION Drawing No: 111088-1-001 Drawing Date: 0 Drawing Scale: 1:1
Drawing Number: P-200	File Number: 141700