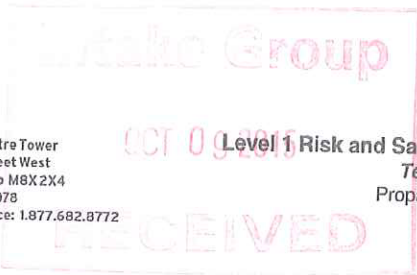




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**Level 1 Risk and Safety Management Plan (RSMP)**  
*Technical Standards and Safety Act*  
Propane Storage and Handling Regulation

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.

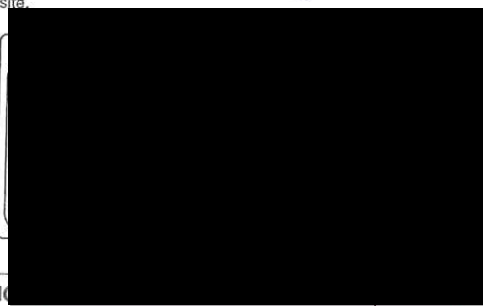
Failure to fully complete this form may result in rejection. Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*

Licence Number 000250022

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 Nipissing Propane and Appliances Corporation No. 1934269 ONTARIO INC.

Operator Name (if different from above) \_\_\_\_\_

Telephone No. 705-494-6000 Fax No. 705-494-6005 E-mail info@nipissingpropane.com

**B** Street No. 1366 Street Name / 911 Number / Address, if applicable Main St W

Town / City or Township / County North Bay Province ON Postal Code P1B 2W6

Mailing address if different from above. \_\_\_\_\_

**C** Street No. 1405 Street Name / 911 Number / Address, if applicable Pinegrove Cres

Town / City or Township / County North Bay Province ON Postal Code P1B 4P9

**Information on Container Refill Centre or Filling Plant**

**D** Location of facility. Street No. 1366 Street Name / 911 Number / Address, if applicable Main St W Nearest Major Intersection Main and Gormanville St

Town / City or Township / County North Bay Province ON Postal Code P1B 2W6

Name of Licence Holder Randy Humphrey

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Randy Humphrey ROT type PTI 100-11 Propane Pump

Municipality (or municipalities if the facility or its hazard distance touches multiple borders) City of North Bay Attendant TDG Enhanced \_\_\_\_\_

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 Name of Licence Holder <u>Randy Humphrey</u>	Signature 	Date (dd-mm-yyyy) <u>07/OCT/2015</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Randy Humphrey</u>		



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

**SECTION A: GENERAL INFORMATION (cont'd)**

Indicate the year the facility was established. 1982  
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:	250	5363664
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: 1300      Portable: 380.2      Mobile: 0

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Name of person completing this form (please print) Randy Humphrey	Official Title President
Signature 	Telephone No. 705-498-0065
	Date (dd-mmm-yyyy) 07/OCT/2015



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

345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: 416.734.3300  
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**Application for Renewal of Level 1 Propane Licence**  
*Technical Standards and Safety Act*  
Propane Storage and Handling Regulation

**GENERAL INFORMATION**

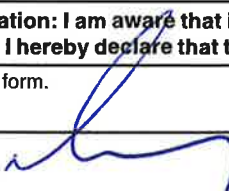
<b>Name of Propane Supplier(s)</b>			<b>For Office Use - Party No.</b>		
Superior Propane					
<b>Street No.</b>	<b>Street Name / 911 Number / Address, if applicable</b>				
251	Woodlawn Rd E Unit 217				
<b>Town / City or Township / Country</b>			<b>Province</b>		<b>Postal Code</b>
Guelph			ON		N1H 8J1
<b>Telephone No.</b>		<b>Fax No.</b>	<b>Contact Name</b>		
519-827-2061		519-836-7766	Angela Zolaturiuk		
<b>E-mail</b>					
angela_zolaturiuk@superiorpropane.com					

<b>Name of Propane Transporter.</b> If same as above, please check box. <input type="checkbox"/>			<b>For Office Use - Party No.</b>		
Superior Propane					
<b>Street No.</b>	<b>Street Name / 911 Number / Address, if applicable</b>				
1366	Main St W				
<b>Town / City or Township / Country</b>			<b>Province</b>		<b>Postal Code</b>
North Bay			ON		P1B 2W6
<b>Telephone No.</b>		<b>Fax No.</b>	<b>Contact Name</b>		
705-472-3224		705-495-4415	Lonnie Duquette cel 705-471-9202		
<b>E-mail</b>					
duquettL@superiorpropane.com					

<b>Off-site Cylinder and/or Mobile Storage</b>		<b>Capacity stored off-site, in USWG</b>		<b>For Office Use - Party No.</b>	
<b>Street No.</b>	<b>Street Name / 911 Number / Address, if applicable</b>				
<b>Town / City or Township / Country</b>			<b>Province</b>		<b>Postal Code</b>
<b>Telephone No.</b>		<b>Fax No.</b>	<b>Contact Name</b>		

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

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

<b>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.</b>		
<b>Print name of person completing this form.</b>		<b>Official Title</b>
Randy Humphrey		President
<b>Signature</b>	<b>Telephone No.</b>	<b>Date (dd-mmm-yyyy)</b>
	705-498-0065	09-Jun-2017



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

**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN**

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

Description of the maximum volume, types and storage location of other hazardous materials on site, if any.  
30,000 USWG tank on adjacent Superior Propane property.

USWG portable containers on adjacent Superior Propane property.

Location of above indicated on site plan.

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

1 - fire extinguisher at shed near 1300 tank

1 - fire extinguisher at showroom

fire extinguishers at various locations in warehouse

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.

1) Plastic tubing supplying nitrogen to open ISC valve is fusible link. In the event of a fire at the container, the plastic tubing melts removing the nitrogen pressure from the ISC and automatically closing it. 2) Emergency stop button located at tin shed, de-energizes valve and dumps nitrogen pressure required to hold ISC open and automatically closes valve.

3) Electrical disconnect inside tin shed enables electrical supply to dispenser to be shut off.

Maintenance and testing schedule for fire protection controls and devices.

Maintenance and inspection of dispenser by Superior Propane in accordance with Superior Propane's Regulatory Guidelines, as follows:

1) Emergency stop button tested daily as per Nipissing Propane Daily Inspection Sheet (NPDIS). 2) Fire extinguishers checked daily per NPDIS.

3) Hose inspected daily per NPDIS. 4) Piping/valves at dispenser visually inspected daily. 5) Audible leaks checked daily.

6) Dispenser inspected yearly by Superior Propane. 7) Relief valve inspected by Superior Propane.

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Name of person completing this form (please print) Randy Humphrey	Official Title President
Signature 	Telephone No. 705-498-0065
	Date (dd-mmm-yyyy) 07/OCT/2015





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 345 Carlingview Drive  
 Toronto, Ontario M9W 6N9  
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 propane@tssa.org  
 www.tssa.org

**★ REPORTING A CHANGE**

**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**

<b>1. Facility Contact Personnel - Key Contact</b>		<b>5. Facility 24-Hour Contact Person</b>	
Name Scott Humphrey	For Office Use - Party No.	Name Randy Humphrey	For Office Use - Party No.
Official Title Office Manager		Official Title President	
Telephone No. 705-494-6000	Fax No. 705-476-9773	Cell No. 705-498-0065	Fax No. 705-476-9773
E-mail scotthumphrey1867@gmail.com		E-mail randyhumphrey@vianet.ca	
Role and responsibilities in emergency follow emergency Policy Procedures - ensure 1) premises are safely evacuated 2) propane and electricity is off - evacuate to meeting spot		Role and responsibilities in emergency follow emergency Policy Procedures - ensure 1) premises are safely evacuated 2) propane and electricity is off - evacuate to meeting spot	
<b>2. Facility Contact Personnel - Alternate Contact</b>		<b>6. Name of Facility Manager</b>	
Name Carolle Humphrey	For Office Use - Party No.	Name Scott Humphrey	For Office Use - Party No.
Official Title Vice-President		Official Title Office Manager	
Telephone No. 705-471-8656	Fax No. 705-476-9773	Telephone No. 705-492-0535	Fax No. 705-476-9773
E-mail carollehumphrey@gmail.com		E-mail scotthumphrey1867@gmail.com	
Role and responsibilities in emergency follow emergency Policy Procedures - ensure 1) premises are safely evacuated 2) propane and electricity is off - evacuate to meeting spot		Role and responsibilities in emergency follow emergency Policy Procedures - ensure 1) premises are safely evacuated 2) propane and electricity is off - evacuate to meeting spot	
<b>3. Local Fire Services - Key Contact</b>		<b>7. Propane Supplier Key Contact Person</b>	
Name Greg Saunders	For Office Use - Party No.	Name Lonnie Duquette	For Office Use - Party No.
Official Title Deputy Fire Chief	E-mail gregsaunders@cityofnorthbay.com	Official Title Field Operations Supervisor	E-mail duquettL@superiorpropane.com
Telephone No. 705-474-5662	Fax No. 705-474-6290	Telephone No. 705-471-9202	Fax No. 705-495-4415
Role and responsibilities in emergency coordinates emergency response		Role and responsibilities in emergency follow emergency Policy Procedures - ensure 1) premises are safely evacuated 2) propane and electricity is off - evacuate to meeting spot	
Fire Services Address 119 Princess St W North Bay ON P1B 6C2		Propane Supplier Address 1366 Main St W North Bay ON P1B 2W6	
<b>4. Local Fire Services - Alternate Contact</b>		<b>8. Municipal Contact</b>	
Name Mike Bechard	For Office Use - Party No.	Name Karen McIsaac <b>★</b>	For Office Use - Party No.
Official Title Deputy Chief of Fire Prevention	E-mail mikebechard@cityofnorthbay.com	Official Title City Clerk	
Telephone No. 405-474-5662	Fax No. 705-474-6290	Telephone No. 705-474-0400 x 2510	Fax No. 705-495-4353
Role and responsibilities in emergency coordinates emergency response		E-mail karen_mcisaac@cityofnorthbay.ca	
Fire Services Address 119 Princess St W North Bay ON P1B 6C2		Municipality Name and Address City of North Bay 200 McIntyre St E North Bay ON	

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Name of person completing this form (please print) <b>Randy Humphrey</b>	Official Title <b>PRESIDENT</b>
Signature 	Telephone No. <b>705-498-0065</b>
	Date (dd-mmm-yyyy) <b>09 JUN 2017</b>



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

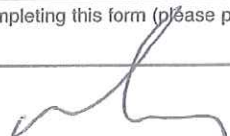
**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)**

2. Additional Safety Measures

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

None at this time

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Name of person completing this form (please print) Randy Humphrey	Official Title President	
Signature 	Telephone No. 705-498-0065	Date (dd-mmm-yyyy) 07/OCT/2015



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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)**

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) 25-AUG-2015	Print Name of Training Provider: Nipissing Propane and Appliances Print Name of Instructor: Randy for Scott Humphrey
Training Date (dd-mmm-yyyy) 26-AUG-2015	Print Name of Training Provider: Nipissing Propane and Appliances Print Name of Instructor: Randy for Carolle Humphrey
Training Date (dd-mmm-yyyy) 26-AUG-2015	Print Name of Training Provider: Nipissing Propane and Appliances Print Name of Instructor: Randy for Lonnie Duquette

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

Training Date (dd-mmm-yyyy) 25-AUG-2015	Print Name of Training Provider: Nipissing Propane and Appliances Print Name of Instructor: Randy for Scott Humphrey
Training Date (dd-mmm-yyyy) 04-SEP-2015	Print Name of Training Provider: Nipissing Propane and Appliances Print Name of Instructor: Randy for Terry Lambkins
Training Date (dd-mmm-yyyy) 14-SEP-2015	Print Name of Training Provider: Nipissing Propane and Appliances Print Name of Instructor: Randy for Jason Webster

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

Training Date (dd-mmm-yyyy) 25-AUG-2015	Print Name of Training Provider: Nipissing Propane and Appliances Print Name of Instructor: Randy for Scott Humphrey
Training Date (dd-mmm-yyyy) 04-SEP-2015	Print Name of Training Provider: Nipissing Propane and Appliances Print Name of Instructor: Randy for Terry Lambkins
Training Date (dd-mmm-yyyy) 14-SEP-2015	Print Name of Training Provider: Nipissing Propane and Appliances Print Name of Instructor: Randy for Jason Webster

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Name of person completing this form (please print) Randy Humphrey	Official Title President
Signature 	Telephone No. 705-498-0065
	Date (dd-mmm-yyyy) 07/OCT/2015





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

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

4. Emergency Training Plan for Coming Year

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

Target Date (dd-mmm-yyyy) 03-OCT*2015	Print Name of Training Provider: Nipissing Propane and Appliances
	Print Name of Instructor: Randy Humphrey for all staff
Target Date (dd-mmm-yyyy) as required for any new staff	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

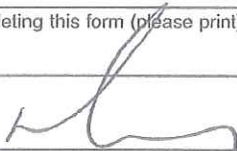
Training on the facility's Emergency Management Procedures provided to staff.

Target Date (dd-mmm-yyyy) 03-OCT-2015	Print Name of Training Provider: Nipissing Propane and Appliances
	Print Name of Instructor: Randy Humphrey for all staff
Target Date (dd-mmm-yyyy) as required for any new staff	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Target Date (dd-mmm-yyyy) 03-OCT-2015	Print Name of Training Provider: Nipissing Propane and Appliances
	Print Name of Instructor: Randy Humphrey for all staff
Target Date (dd-mmm-yyyy) as required for any new staff	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Name of person completing this form (please print) Randy Humphrey	Official Title President
Signature 	Telephone No. 705-498-0065
	Date (dd-mmm-yyyy) 07/OCT/2015





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

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

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

**5. Emergency Response Communications Plan**

**Warnings and Actions**

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).  
Any staff member to all other staff, customers and Superior Propane employees on site, verbally as possible and activate emergency alarm (Horn)

Or when a fire is beyond capability of a portable fire extinguisher or when an emergency exists that is likely to cause a serious incident.

Or if notified by a Superior Propane employee or their emergency alarm is activated.

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).

Any staff member - evacuate everyone.

Activate emergency alarm.

Ensure electrical and propane shut off, if safe to do so - call 911 by most senior staff available or as directed by senior staff.

Meet at monument across the street.

**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).

The most senior staff will call or direct another staff member to place the call and report back that the call has been placed.

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

There are no locked gates or barriers to the propane dispenser at Nipissing Propane and Appliances.

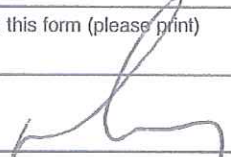
Describe how the licence holder will ensure continual flow of updated information to authorities.

via cel phone, e-mail or fax

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

if at home, 5 minutes

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

Name of person completing this form (please print) Randy Humphrey	Official Title President
Signature 	Telephone No. 705-498-0065
	Date (dd/mmm/yyyy) 07/OCT/2015



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

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

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

**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)	<u>91.44 m from hydran</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)	<u>N/A</u>	

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Name of person completing this form (please print) Randy Humphrey	Official Title President
Signature 	Telephone No. 705-498-0065
	Date (dd/mmm/yyyy) <u>07/OCT/2015</u>



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

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

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

**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 issues & 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: \_\_\_\_\_

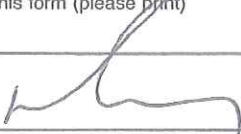
(dd-mmm-yyyy)

**LOCAL FIRE SERVICES**

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

Print name <i>FIRE CHIEF GRANT LOUPE</i> Local Fire Services Name	Signature 	Date (dd-mmm-yyyy) <i>07/06/2015</i>
---	---	---

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Name of person completing this form (please print) Randy Humphrey	Official Title President	
Signature 	Telephone No. 705-498-0065	Date (dd-mmm-yyyy) <i>07/OCT/2015</i>





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**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-mmm-yyyy) 19-05-2011	Capacity of single largest propane storage vessel (USWG) 1300 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 26 _____	Right side property line: 46 _____
Rear: 41 _____	Left side property line: 75 _____
GPS coordinates of single largest vessel: 46.3218 - 79.482 _____	

**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) Randy Humphrey	Official Title President
Signature 	Telephone No. 705-498-0065
	Date (dd-mmm-yyyy) 07/OCT/2015



Technical Standards and Safety Authority  
www.issa.org

14th Floor - Centre Tower  
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**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

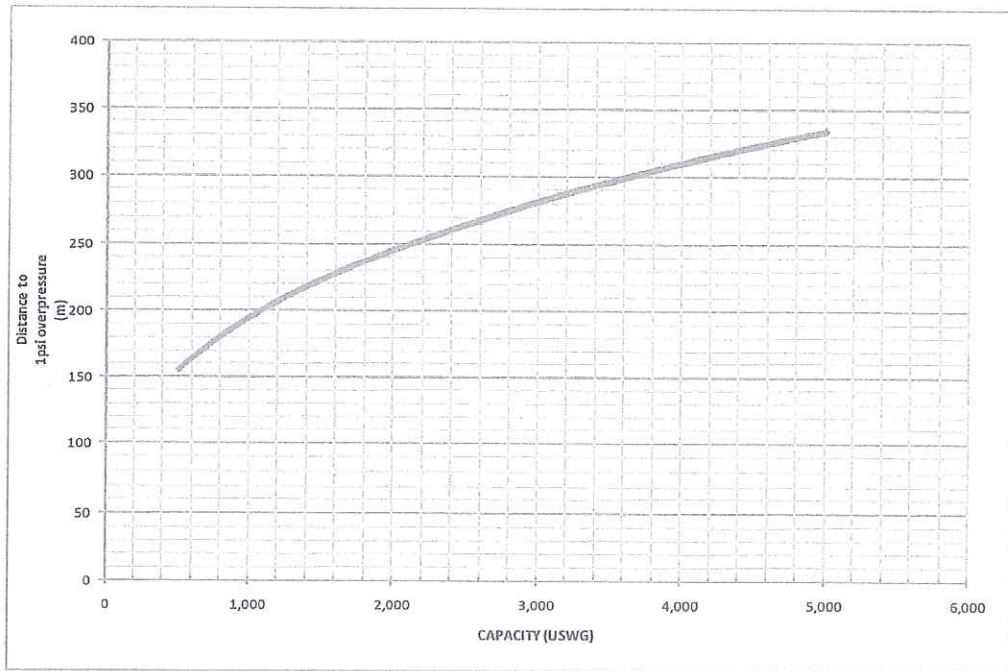
Table 1: Distance Table

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)





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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: Kinette Playground Address: Rock Street City: North Bay Province ON Postal Code P0H 1P0		X			109 m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: [REDACTED] Address: [REDACTED] City: [REDACTED]				X	48 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: Superior Propane Address: 1366 Main St W City: North Bay Province ON Postal Code P1B 2W6			X		40 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: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ 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".

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Name of person completing this form (please print) Randy Humphrey	Official Title President	
Signature 	Telephone No. 705-498-0065	Date (dd-mmm-yyyy) 07/OCT/2015





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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	5	147.5
# 40	11.75	2	23.5
# 33.3	9.62		
# 30	8.8	4	35.2
# 20	5.8	30	174.0
# 10	2.9		
# 5	1.5		
<b>Total Cylinder Capacity</b>			380.2

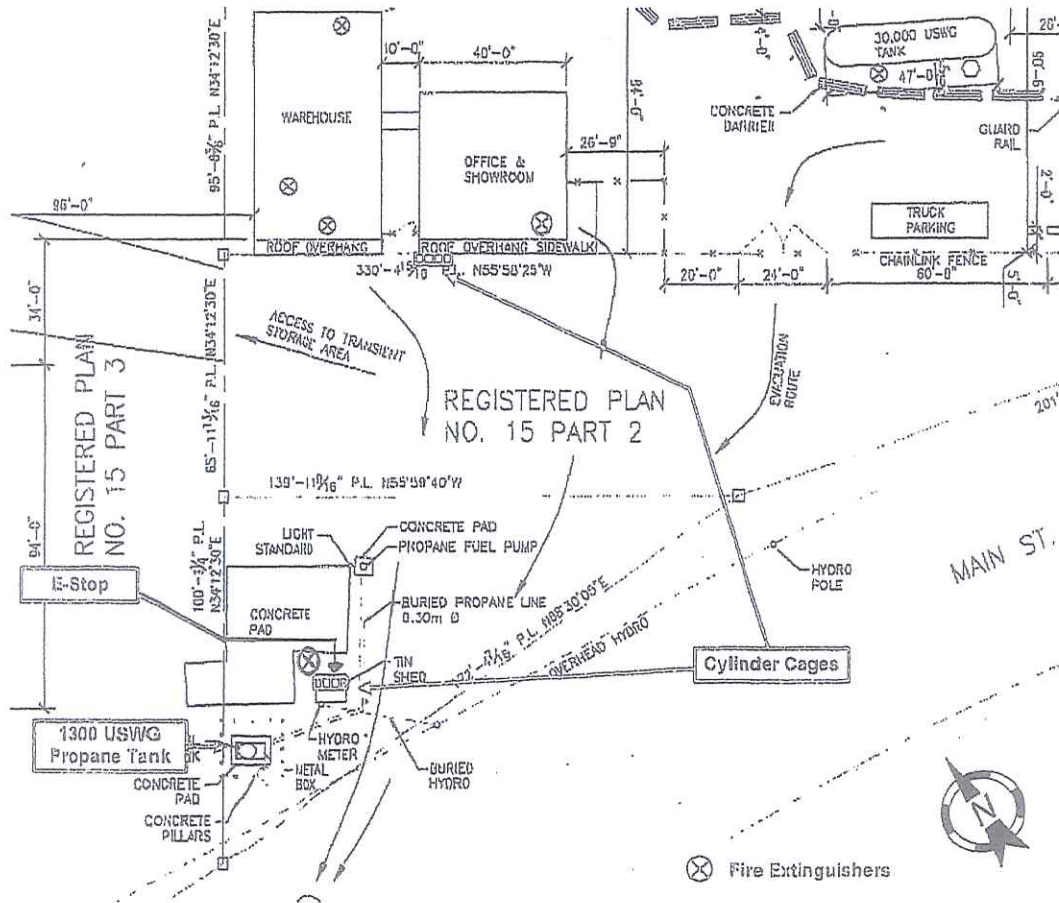
Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
<b>Total Tank Capacity</b>		0

<b>Total Cylinder Capacity</b>	380.2
<b>Total Tank Capacity</b>	0
<b>Total Portable Capacity</b> (Total Cylinder Capacity + Total Tank Capacity)	380.2

**Nipissing Propane & Appliances**  
 1366 Main Street, North Bay, ON, P1B 2WG

**Site Plan Details for RSMP (to Accompany Superior Propane - North Bay Facility Site Plan )**



**Notes:**

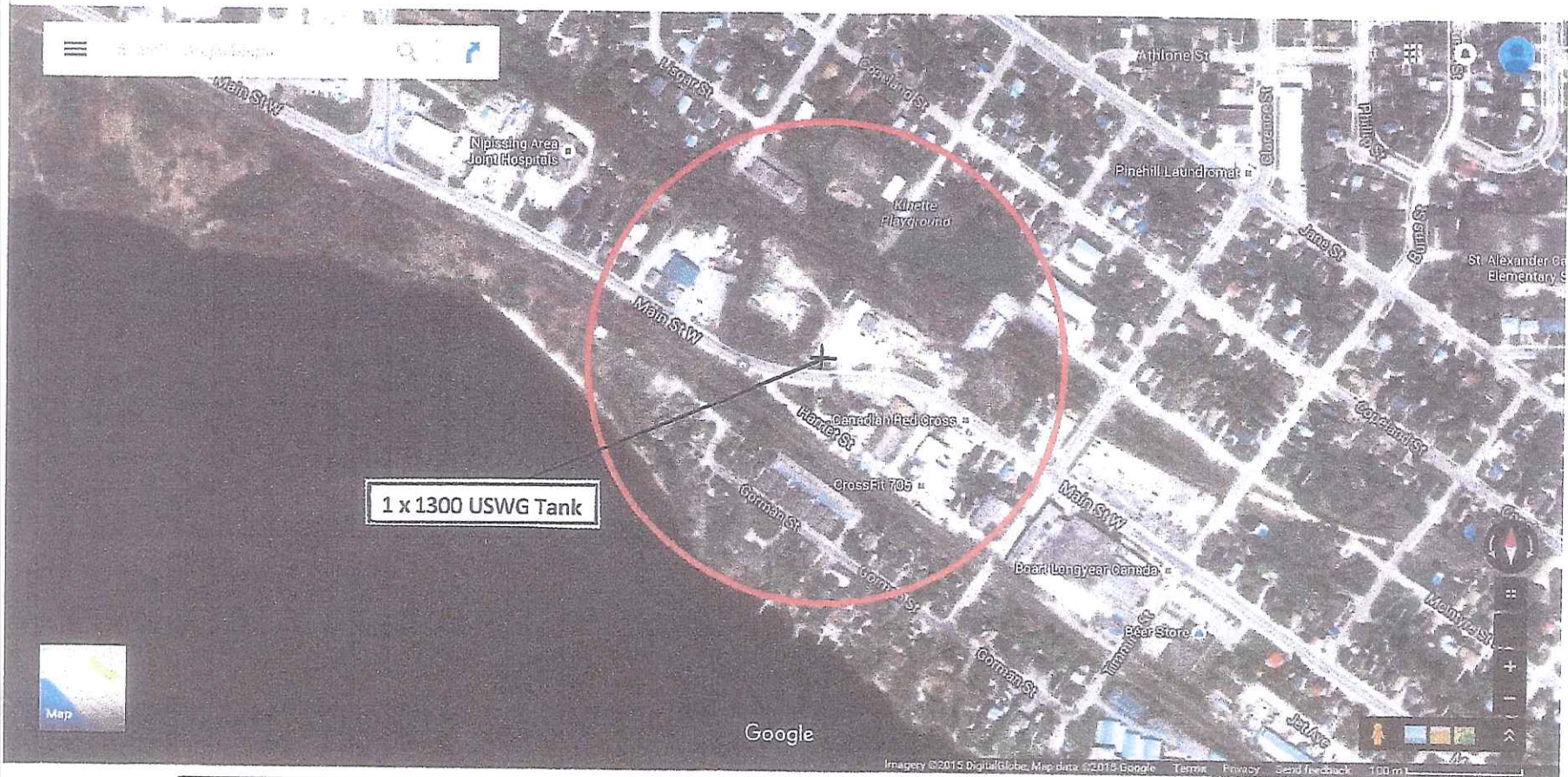
1. Tank distances to property lines:

Property Line Setbacks	Distance
North	37 m
South	6 m
West	27 m
East	123 m

Note: Nipissing Propane & Appliances is located on Superior Propane's North Bay Propane Transfer Facility Site. It is operated as a separate business independent of Superior Propane

UPDATED Sept. 27 2015





<b>Setback Distances to site boundary:</b> North: 37m East: 123m South: 6m West: 27m	<b>Municipality within the 1 PSI overpressure circle:</b> City of North Bay	<b>Map of Surrounding Area</b>
<b>Capacity of Propane Storage Tank:</b> 1300 USWG	<b>Municipality Contact:</b> Cathy Conrad City Clerk, City of North Bay 200 McIntyre Street East, P.O. Box 360, North Bay, ON, P1B 8H8 Tel: (705)474-0400 ext.2510 Email: cathy.conrad@cityofnorthbay.ca	<b>Nipissing Propane and Appliances</b> <b>1366 Main Street, North Bay, ON, P1B 2W6</b>  Parts of Lots 16, 17, 18, 19 and 20 Registered Plan No. 89 and Part of Lots 66,67,68,69 and 70 Registered Plan No. 15, City of North Bay, District of Nipissing Date: September 25, 2015
<b>GPS co-ordinates of Storage Tank:</b> 46.3218 -79.482  <b>Circular Distance to 1 PSI overpressure is denoted by circle centred on tank: radial distance:</b> 213m		