



Technical Standards and Safety Authority  
 www.tssa.org  
 14th Floor - Centre Tower  
 3300 Bloor Street West  
 Toronto Ontario M8X2X4  
 Fax: 416.231.4078  
 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

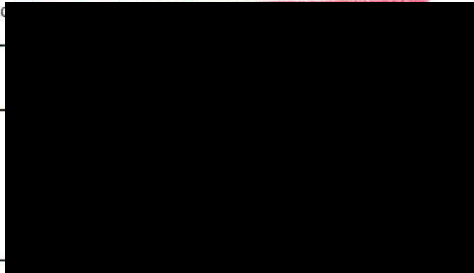
Failure to fully complete this form may result in rejection.  
 Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*

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  Corporation No.

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="Core Industrial Gases Inc"/>		<input type="text" value="06-12-2016"/>
Name of Senior Management person as defined in the Regulation holding the Record of Training <input type="text" value="Ben Ciceri"/>		



Technical Standards and Safety Authority  
www.tssa.org

14th Floor - Centre Tower  
3300 Bloor Street West  
Toronto Ontario M8X 2X4  
Fax: 416.231.4073  
Customer Service: 1.877.682.8772

## Level 1 Risk and Safety Management Plan (RSMP)

*Technical Standards and Safety Act*

Propane Storage and Handling Regulation

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

Indicate the year the facility was established.

N/A

Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.

N/A

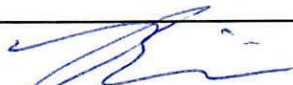
Identify the psig rating and serial number for each fixed propane storage tank on site.

	PSIG	Serial Number
Tank 1:	250	491-7
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: 2838 USWG      Mobile: 0 USWG

**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) Ben Ciceri	Official Title Director	
Signature 	Telephone No. 905-683-3262	Date (dd-mmm-yyyy) 06-12-2016



Technical Standards and Safety Authority  
www.tssa.org

14th Floor - Centre Tower  
3300 Bloor Street West  
Toronto Ontario M8X 2X4  
Fax: 416.231.4073  
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

<b>Name of Propane Supplier(s)</b> EDPRO Energy Group Inc.		For Office Use - Party No.	
Street No. 5	Street Name / 911 Number / Address, if applicable Cuddy Blvd		
Town / City or Township / Country London		Province Ontario	Postal Code N5V 3Y3
Telephone No. 519-690-0000	Fax No. 519-690-1948	Contact Name Joe Erskine	
E-mail jerskine@edproenergy.com			

<b>Name of Propane Transporter.</b> If same as above, please check box. <input checked="" type="checkbox"/>		For Office Use - Party No.	
EDPRO Energy Group Inc.			
Street No. 5	Street Name / 911 Number / Address, if applicable Cuddy Blvd		
Town / City or Township / Country London		Province Ontario	Postal Code N5V 3Y3
Telephone No. 519-690-0000	Fax No. 519-690-1948	Contact Name Joe Erskine	
E-mail jerskine@edproenergy.com			

<b>Off-site Cylinder and/or Mobile Storage</b> None	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) Ben Ciceri	Official Title Director	
Signature 	Telephone No. 905-683-3262	Date (dd-mmm-yyyy) 06-12-2016



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

**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.

3 x 3000 gallon cryogenic tanks of (1) Oxygen, (2) Nitrogen, (3) Argon. 1 x 15 tonne tank of Carbon Dioxide

50 x 130cf Acetylene, 30 x 250cf Acetylene, 100-200 x 330cf assorted gases, Oxygen, Nitrogen, Argon, cO2.

Consumer quantities of items such as spray paint, motor oil, cleaners etc.

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

Fire extinguisher 20 lb.

Emergency shut off X (2)

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.

Internal Safety Control (ISC) valves are equipped with nitrogen charged actuators

Fusible plug on nitrogen holding open ICS valve causes liquid outlet to automatically close in event of fire

Normally closed solenoid on automotive fill meter before hose closes by emergency shut off or when not in use


Maintenance and testing schedule for fire protection controls and devices.

Fire extinguisher is inspected by outside company annually

Comprehensive dispenser inspection conducted annually by G2-LP certificate holder or higher

Facility inspection by TSSA completed annually

**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) Ben Ciceri	Official Title Director	
Signature 	Telephone No. 905-683-3262	Date (dd-mmm-yyyy) 06-12-2016



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

**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**

Name Ben Ciceri	For Office Use - Party No.
Official Title President	
Telephone No. 905-999-8481	Fax No.
E-mail cicerib@coregases.ca	
Role and responsibilities in emergency Represents license holder on interaction with authorities and ensures regulations are met and adhered to.	

**5. Facility 24-Hour Contact Person**

Name Ben Ciceri	For Office Use - Party No.
Official Title President	
Cell No. 905-999-8481	Fax No.
E-mail cicerib@coregases.ca	
Role and responsibilities in emergency Site liaison for enacting internal and external emergency procedures communication with emergency responders, suppliers and subcontractors	

**2. Facility Contact Personnel - Alternate Contact**

Name Robert Reader	For Office Use - Party No.
Official Title General Manager	
Telephone No. 416-318-6985	Fax No.
E-mail readerb@coregases.ca	
Role and responsibilities in emergency Same as key contact if other unavailable	

**6. Name of Facility Manager**

Name Ben Ciceri	For Office Use - Party No.
Official Title President	
Telephone No. 905-999-8481	Fax No.
E-mail cicerib@coregases.ca	
Role and responsibilities in emergency Ensure approved procedures are followed Ensure internal emergency procedures are current and employees aware	

**3. Local Fire Services - Key Contact**

Name Kieth Doucette	For Office Use - Party No.
Official Title Chief Fire Prevention Officer	E-mail kieth.doucette@ajax.ca
Telephone No. 905-686-6055	Fax No. 905-683-8119
Role and responsibilities in emergency Review and provide guidance on fire safety, emergency response and preparedness. Interface for invitation to conduct annual site review	
Fire Services Address Ajax Fire and Emergency Services, 900 Salem Road N, Ajax, On, L1T 0H4	

**7. Propane Supplier Key Contact Person**

Name Joe Erskine	For Office Use - Party No.
Official Title President of EDPRO Energy Group	E-mail jerskine@edproenergy.com
Telephone No. 519-690-0000	Fax No.
Role and responsibilities in emergency Technical assistance, dispatch of service technicians and specialized equipment. Activate Emergency Response Assistance Plan by LPGERC	
Propane Supplier Address 5 Cuddy Blvd, London, ON, N5V 3Y3	

**4. Local Fire Services - Alternate Contact**

Name Greg Deman	For Office Use - Party No.
Official Title Fire Prevention Officer	E-mail greg.deman@ajax.ca
Telephone No. 905-686-6056	Fax No. 905-683-8119
Role and responsibilities in emergency Same as Fire Services - Key Contact	
Fire Services Address Ajax Fire and Emergency Services, 900 Salem Road N, Ajax, On, L1T 0H4	

**8. Municipal Contact**

Name Amanda Dunn	For Office Use - Party No.
Official Title Development Planner	
Telephone No. 905-619-2529 Ext 3207	Fax No. 905-686-0360
E-mail amanda.dunn@ajax.ca	
Municipality Name and Address Town of Ajax, 65 Harwood Drive, Ajax, On, L1S 2H9	

**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) Ben Ciceri	Official Title Director
Signature 	Telephone No. 905-683-3262
	Date (dd-mmm-yyyy) 06-12-2016



Technical Standards and Safety Authority  
www.tssa.org

14th Floor - Centre Tower  
3300 Bloor Street West  
Toronto Ontario M8X 2X4  
Fax: 416.231.4079  
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.

Internal valves are equipped with nitrogen charged actuators with fusible plugs

Additional emergency stop located outside of the immediate hazard area

Power turned off when unattended

**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) Ben Ciceri	Official Title Director	
Signature 	Telephone No. 905-683-3262	Date (dd-mmm-yyyy) 06-12-2016



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

**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) Prior to activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
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) Prior to activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
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) Prior to activation	Print Name of Training Provider: EDPRO Energy Group Inc.
	Print Name of Instructor: Robert Allen - PTI License T2164
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:

**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) Ben Ciceri	Official Title Director
Signature 	Telephone No. 905-683-3262
	Date (dd-mmm-yyyy) 06-12-2016



Technical Standards and Safety Authority  
www.tssa.org

14th Floor - Centre Tower  
3300 Bloor Street West  
Toronto Ontario M8X 2X4  
Fax: 416.231.4073  
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-mmm-yyyy)	Print Name of Training Provider: EDPRO Energy Group Inc.
To be established at activation	Print Name of Instructor: Robert Allen - PTI License T2164
Target Date (dd-mmm-yyyy)	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)	Print Name of Training Provider: EDPRO Energy Group Inc.
To be established at activation	Print Name of Instructor: Robert Allen - PTI License T2164
Target Date (dd-mmm-yyyy)	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)	Print Name of Training Provider: EDPRO Energy Group Inc.
To be established at activation	Print Name of Instructor: Robert Allen - PTI License T2164
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-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) Ben Ciceri	Official Title Director
Signature 	Telephone No. 905-683-3262
	Date (dd-mmm-yyyy) 06-12-2016





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

**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).  
In the event of a fire/significant propane leak the operator will activate the Emergency Stop control on the dispenser

The operator will contact the Emergency Fire Services by calling 9-1-1 and initiate facility evacuation

Canarc will oversee localized evacuation of employees, customers and any others to the identified evacuation point

Facility Contact will contact propane Supplier Key Contact who will activate ERAP (if necessary) and report to TSSA through Spills Action Centre

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).  
The operator, after activating the Emergency Stop controls will orally notify any other employees or visitors on-site to evacuate then call 9-1-1

All employees and visitors (customers) will immediately vacate the building and premises and meet at the front of the entrance to the parking lot

**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).  
All employees instructed to and authorized to activate emergency response authorities by calling 9-1-1 upon occurrence of fire and/or significant leak

Continued flow of information to be provided as it occurs by person of responsibility to the fire services

In the event of an emergency, the site manager is required to be present to provide updated information

Describe provisions for fire department entry when there are no operations or staffing at the propane site.  
Dispenser and facility is accessible to fire department at all times

Describe how the licence holder will ensure continual flow of updated information to authorities.  
Fire services are formally invited for a full site review on an annual basis with supplementary site access for training or orientation as requested

TSSA conducts a comprehensive inspection annually. Site specific emergency procedures are reviewed annually with all employees

How long will it take the facility liaison person to respond to the site.  
24 Hour Facility Contact Person will be able to respond to site in approximately 1 hour

**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) Ben Ciceri	Official Title Director
Signature 	Telephone No. 905-683-3262
	Date (dd-mmm-yyyy) 06-12-2016



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

**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 type="checkbox"/>	<input checked="" 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)		60.0 M _____
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 _____

**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) Ben Ciceri	Official Title Director
Signature 	Telephone No. 905-683-3262
	Date (dd-mmm-yyyy) 06-12-2016



**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

**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:

The storage, handling, and dispensing of flammable and combustible liquids shall comply with the requirements of the Ontario Fire Code. An inspection by Ajax Fire & Emergency Services of the interior and exterior shall be conducted at time of occupancy. Please contact Inspector Greg DeMan at 905-686-6056 to arrange for an inspection. Please explain the reasons for the "No" answer to questions 4 & 8 on the page 10 checklist.

**To be completed by the Licence Holder**

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

Canarc Industrial Gases will arrange for an on-site inspection to ensure that all Ontario Fire Code requirements are met. In response to question (4), the policy is that each time the filling equipment is used the operator performs a visual inspection though these details are not recorded in a daily log. Question (8) was mistakenly marked as No and has been changed to YES as there are quality assurance procedures in place to ensure cylinder valves are closed

The licence holder will respond to the Local Fire Services comments by: 09-11-2016

(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 <b>Chief Fire Prevention Officer Keith Doucette</b>		08-11-2016

**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) <b>Ben Ciceri</b>	Official Title <b>Director</b>	
Signature 	Telephone No. <b>905-683-3262</b>	Date (dd-mmm-yyyy) <b>11-11-2016</b>



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

**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) 17-10-2016	Capacity of single largest propane storage vessel (USWG) 2000
Tank setback coordinates. Indicate placement on the map.	
Front: 128.9m	Right side property line: 12.2m
Rear: 4.6m	Left side property line: 33.7m
GPS coordinates of single largest vessel: 43° 50' 44.807"N ; 79° 2' 5.213"W	

**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) Ben Ciceri	Official Title Director
Signature 	Telephone No. 905-683-3262
	Date (dd-mmm-yyyy) 06-12-2016



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

**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

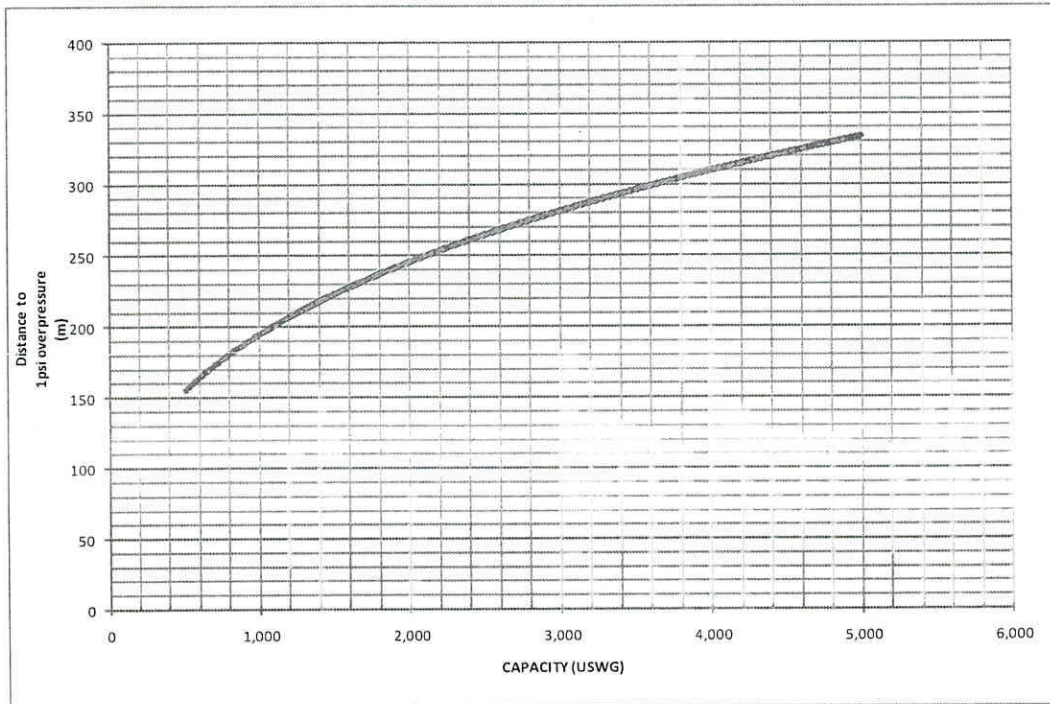
Table 1: Distance Table

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: 416.231.4073  
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: Post Plastics Inc. Address: 375 Frankcom Street City: Ajax Province Ontario Postal Code L1S 1R4			X		10.6 m
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: The Approval Store Address: 161 Westney Rd S City: Ajax Province Ontario Postal Code L1S 2C9			X		133 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".

**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) Ben Ciceri	Official Title Director
Signature 	Telephone No. 905-683-3262
	Date (dd-mmm-yyyy) 06-12-2016



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

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

**WORKSHEET**

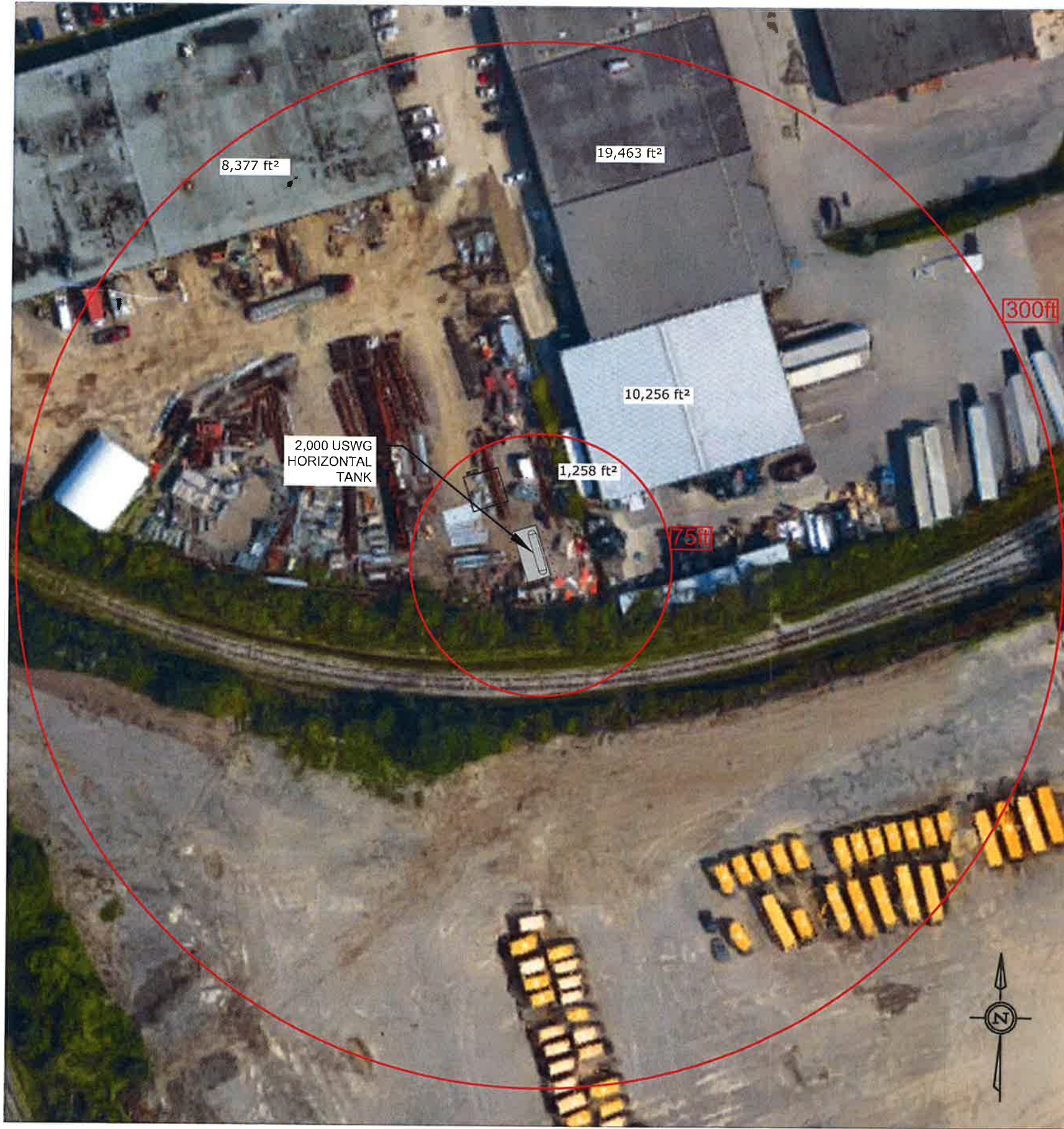
Portable Storage Additional Information Worksheet

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9	0	0
# 100	29.5	30	885
# 40	11.75	0	0
# 33.3	9.62	200	1924
# 30	8.8	0	0
# 20	5.8	5	29
# 10	2.9	0	0
# 5	1.5	0	0
<b>Total Cylinder Capacity</b>			0

Tanks Stored On-site Not Connected for Use

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

<b>Total Cylinder Capacity</b>	2838 USWG
<b>Total Tank Capacity</b>	0
<b>Total Portable Capacity</b> (Total Cylinder Capacity + Total Tank Capacity)	2838



**PROPANE BRANCH STANDARD 9**

**AREA A-** ALL INDUSTRIAL OCCUPANCY BUILDINGS WITHIN 75' OF A TANK.

**AREA B-** ALL BUILDINGS, OTHER THAN INDUSTRIAL OCCUPANCY BUILDINGS WITHIN 75' OF A TANK.

**AREA C-** ALL INDUSTRIAL OCCUPANCY BUILDINGS WITHIN AN AREA BOUNDED 75' AND 300' OF A TANK.

**AREA D-** ALL BUILDINGS, OTHER THAN INDUSTRIAL OCCUPANCY BUILDINGS WITHIN AN AREA BOUNDED 75' AND 300' OF A TANK.

**AREA E=** AREA A + 2\*AREA B

**AREA F=** AREA C + 2\*AREA D

**ABOVEGROUND TANK**

\*NO PART OF A SCHOOL BUILDING WITH 300' OF THE TANK.  
 \*NO PART OF A RESIDENTIAL OCCUPANCY BUILDING WITHIN 25' OF THE TANK.

AREA A = 1,258 ft²

AREA B = 0 ft²

AREA C = 38,096 ft²


AREA D = 0 ft²

AREA E = 1,258 ft²

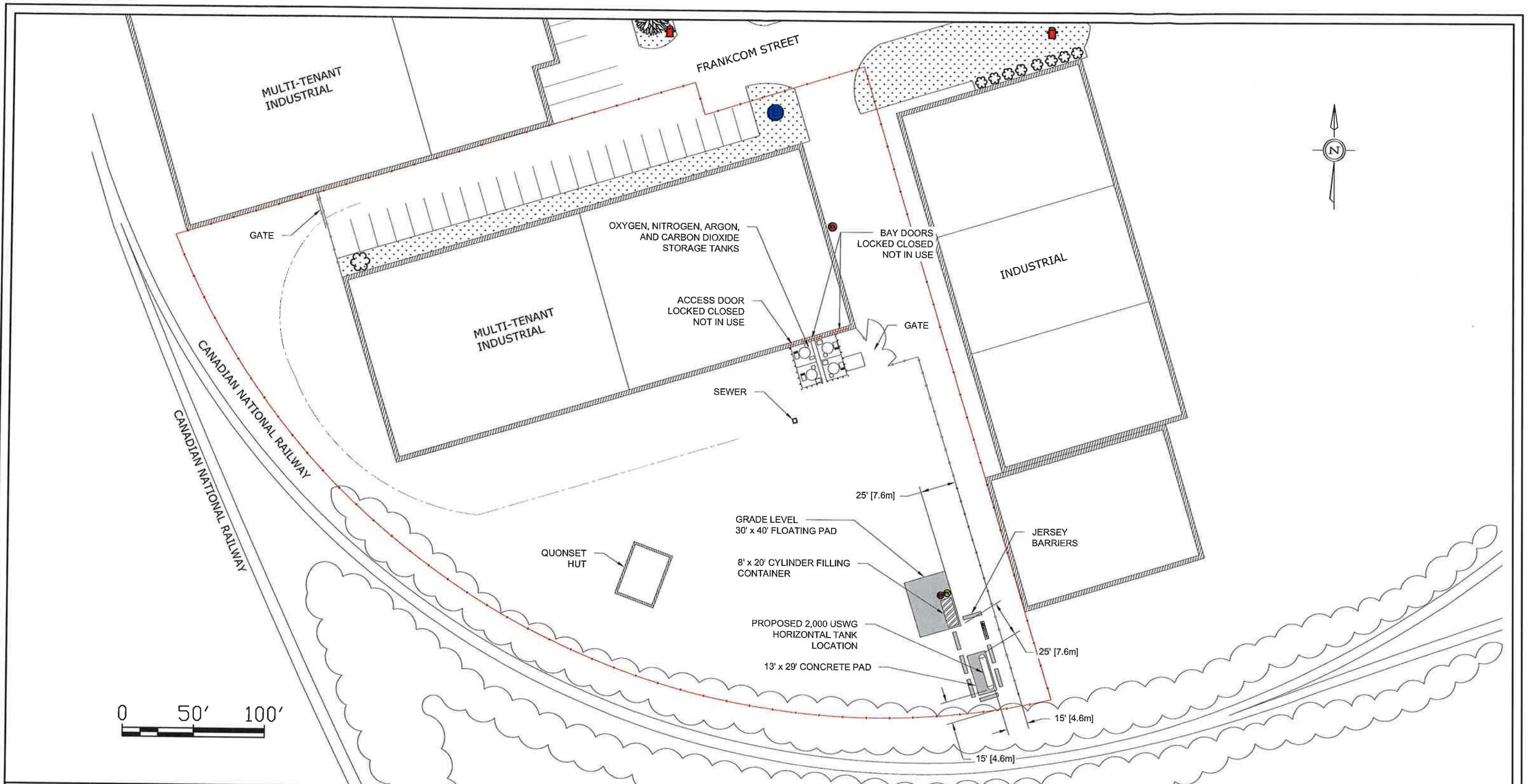
AREA F = 38,096 ft²

**AREA E + 0.1\*AREA F = 5067.6 ft²**

**\*MUST BE LESS THAN 15,000 ft²**

REV.	DATE	DESCRIPTION	BY	APP'D
0	18/10/2016	INITIAL RELEASE FOR CLIENT REVIEW	MH	EEG
REVISIONS				
<b>SLEEGERS SLEEGERS ENGINEERED PRODUCTS INC.</b> <small>6 Cuddy Blvd., London, Ontario, Canada N5V 3Y3 Phone (519) 685-7444 Fax (519) 685-2882</small>				
CUSTOMER <b>EDPRO ENERGY GROUP INC.</b>				
REFERENCE 397 FRANKCOM ST, AJAX, ON				
TITLE CANARC - PROPANE BRANCH STANDARD 9				SHEET 1 OF 1
SCALE- NTS		DRAWING No.		WORK ORDER No.
DATE- 18/10/2016		CANARC B9 R0		JRS16021
DRW- MH	CHK- JP	APPD- EEG		





**LOCATION**  
 397 FRANKCOM ST  
 AJAX ONTARIO, L1S 1R4

**AREA**  
 APPROX LOT AREA: 175,000 ft<sup>2</sup> [4 ACRES]  
 APPROX BUILDING AREA: 38,375 ft<sup>2</sup>

**ZONING INFORMATION**  
 ZONE HE - HEAVY EMPLOYMENT

**PROPANE STORAGE**  
 [1] - 2,000 USWG HORIZONTAL TANK AT 85.0%

- CLEARANCES**
- 15' MIN. FROM THE PROPERTY LINES, CONCRETE/MASONRY BUILDING WALLS, OR SOURCES OF IGNITION
  - 25' MIN. FROM BUILDING OPENINGS AND WINDOWS
  - 25' MIN. FROM ANY DRAIN, SEWER, OR PIT
  - 100' MIN. FROM RAIL MAINLINE
  - CYLINDERS ARE NOT LESS THAN 25' FROM ANY OTHER BUILDING, PROPERTY LINE, OR POINT OF ASSEMBLY

- VEHICLE PROTECTION:**
- JERSEY BARRIER - MIN. HEIGHT IS 30"
  - WIDTH OF BASE IS NOT LESS THAN THE HEIGHT
  - SPACED AT LEAST 42" FROM DISPENSER TANK

- SETBACKS TO PROPERTY LINE**
- NORTH - 422' [128.6m]
  - SOUTH - 15' [4.6m]
  - EAST - 36' [11.0m]
  - WEST - 109' [33.1m]

- LEGEND**
- PROPERTY LINE
  - FENCE LINE
  - 🔥 FIRE HYDRANT
  - 🚒 EMERGENCY SHUT OFF
  - 🧯 FIRE EXTINGUISHER
  - 👤 EVACUATION POINT

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO SLEEGERS ENGINEERED PRODUCTS INC. AND SHALL NOT BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, NOT USED FOR AN REASON WHATSOEVER INCLUDING RESEARCH, DEVELOPMENT, DESIGN, AND MANUFACTURE EXCEPT WHEN SUCH USER POSSESSES DIRECT, WRITTEN, AUTHORIZATION FROM SLEEGERS ENGINEERED PRODUCTS INC.

**PROPRIETARY NOTICE**

**SLEEGERS** SLEEGERS ENGINEERED PRODUCTS INC.  
 6 Cuddy Blvd, London, Ontario, Canada N6V 3Y3 Phone (519) 685-7444 Fax (519) 685-2882

CUSTOMER **EDPRO ENERGY GROUP INC.**

REFERENCE 397 FRANKCOM ST, AJAX, ON

TITLE **CANARC SITE PLAN** SHEET 1 OF 1

REV.	DATE	DESCRIPTION	BY	APP'D
1	08/11/2016	REVISED PER EDPRO'S COMMENTS	MH EEG	
0	17/10/2016	INITIAL RELEASE FOR CLIENT REVIEW	MH EEG	

SCALE: NTS DRAWING No. WORK ORDER No.  
 DATE: 17/10/2016 BY: APP'D: CANARC SP R1 JRS16021  
 DEN: MH CHK: J APP'D: EEG