

Technical Standards and Safety Authority www.issa.org

14th Floor - Centre Tower 3300 Bloor Street West Toronto Ontario M8X2X4 Fax: 416.231.4903 Customer Service: 1,877.682.8772

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

Received Morch 9, 2012

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.

| | М | railure to fully complete this form may result in rejection. aking a false statement may result in a fine or prosecution under the <i>Technical Standards and Safety Act</i> | n | |
|-----------|----------------------------|--|--|--|
| Licence | Number | 000153966 | | |
| Check ap | op!:cab!e type | of propane operations. | | |
| | ✓ Cylinder | Motor Fill Filling Plant | Card/Keylock | |
| Submit al | lang with this | completed application a Facility Site Plan and a Map of the Surround | | |
| | | 1 | | |
| | 7-11-1100 | SECTION A: GENER | RAL INFORMATION | |
| The U | ndersigne ne Storaç | d applies to TSSA for a review for an RSMP e and Handling Regulation. | under Ontario's Technical S | tandards and Safety Act, |
| - | impany Name ntropex | | | Ontario Corporation No., if applicable |
| Op | perator Name | (if different from above) | FE | L. |
| -27.55 | lephone No. 19-332-0430 | Fax No. E-mail thicks@entropex.com | | |
| 1,000 | reelNo. 271 | Street Name / 911 Number / Address, if applicable Lougar Avenue | | 3.700 710 340 |
| 0.000 | wn / City or T amla | ownsh'p / County | Province Ontario | Postal Code N7S 5N5 |
| | | ss if different from above. | Tontano | 147.5 5143 |
| | eet No. | Street Name / 911 Number / Address, if applicable | | 1 |
| Tov | wn / Cily or To | wnship / County | Province | Postal Code |
| Lo | cation of fac | | - Training Control of the Control of | |
| D. | eetNo. | Street Name / 911 Number / Address, if applicable | Nearest Major Intersection | |
| 12 | 271 | Lougar Avenue | Lougar Avenue and Rop | er Street |
| Tow | n / City or To | wnship / County | Province | Postal Code |
| Sa | rnia | | Ontario | N7S 5N5 |
| Nan | ne of Licence i | Anlder | | |
| 4 | ropex | 10.001 | | 1 |
| | | Management person as defined in the regulation holding the Reco | ard of Training (BOT) | ROT type |
| - 1 | ith Bechard | and the control of th | 10 of Training (1101). | 100-1 Propane pump Attendant |
| | | nunicipalities if the facility or its hazard distance touches multiple b | norders) | 100-11 Topane hump Attenuatit |
| San | | Note: 24 hour operation - continental shifts | SOURCE STATE OF THE STATE OF TH | Ť |
| - | | The special of the state of the | | |
| Hou | irs of operation | n. | | |
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| | | | | ////// |

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 Entropex | | |
| Name of Senior Management person as defined in the | 1 (1 A) | 15-02-00 |
| Regulation holding the Record of Training Keith Bechard | 1 17 0 | 1 02201. |



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SECTION A: GENERAL INFORMATION (cont'd)

| Indicate the year the facility was established | 2008 | modifications, as defined in s.1, O.Reg 211/01, since establishment. |
|--|---|--|
| Identify the psig rating and serial number for | or each fixed propane storage tank on sit | ie. |
| PSIG | Serial Number | |
| Tank1: 250 | 155-94 | |
| | | |
| | | |
| Tank3: | | that includes the number of tank/vessel for |
| Enter capacity of propane in USWG, fixed | , portable, and mobile, and provide detai | iled inventory that includes the number of tank/vessel for |
| each type (fixed, portable, and mobile) an | d the capacity of each tank/vessel, on a | separate document. |
| Fixed: 1x 1000USWG | Portable: 481 USWG | Mobile: |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| Name of person completing this form (please print) | Official Title Engineer | |
|--|----------------------------|-----------------------------------|
| Signature Lan Van Resteren | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) 30 -10 -2013 |



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

| | | | | | - 200 | |
|-------------------------------|--|----------------------------|--------------------------------|---------------------|--------------------|------------------------|
| Name of Propan | e Supplier(s) | | | | | |
| Superior Propane - | Ontario Regional Operations Centre | e | | | | |
| Street No. | Street Name / 911 Number / Addr | ess, if applicable | | | | |
| 251 | Woodlawn Road West, Unit 217 | | | | | B 110-4- |
| Town / City or To | ownship / Country | | | Province Ontario | 1 | Postal Code N1H 8J1 |
| Telephone No. | Fax No. | I Contact Na | me | | | |
| I-877-873-7467 | 1-866-341-3395 | Bruce Grahar | m - Regional Operations Ma | anager Ontario |) | |
| E-mail | | | | | | |
| grahamb@superio | orpropane.com | | | | | |
| | | | | | | |
| Name of Propan | e Transporter. If same as above | e, please check bo | х. 🗌 | | | |
| Superior Propane | | | | | | |
| Street No. 29495 | Street Name / 911 Number / Add Centre Rd RR #6 Hwy 81 | ress, if applicable | | | | |
| Town / City or T Strathroy | I ownship / Country | | | Province Ontario | | Postal Code N7G 3H7 |
| Telephone No. 905-979-1129 | Fax No. N/A | Contact Na Mac Sutherla | ame and - Marketing Manager | | | |
| E-mail sutherIm@superio | orpropane.com | | | | | |
| | | | | | | |
| Off-site Cylinde | r and/or Mobile Storage | | Capacity stored off-site | , in USWG | For Office Use - F | Party No. |
| Street No. | Street Name / 911 Number / Add | lress, if applicable | | | | |
| Town / City or | Fownship / Country | | | Province | IX | Postal Code |
| Telephone No. | ı Fax No. | ı Contact N | amo | <u>.</u> | | - |

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

| Name of person completing this form (please print) Rian Van Kesteren | Official Title Engineer | |
|---|----------------------------|------------------------------------|
| Signature Din Von Resteren | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) 30 -10 - 2013 |



| Technical | 14th Floor - Centre Tower | 3300 Bloor Street West | Toronto Ontario M8X 2X4 | Fax: 416.231.4903 | Customer Service: 1.877.682.8772

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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.

| Refer to site map for location. Description of fire and emergency equipment indicated on facility site map. Fire Extinguishers at dispenser and within building. Emergency propane shutoff adjacent to the dispenser. Video surveillance of property. Emergency alarm system with enunciator - push button Sprinkler system monitored. 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. |
|---|
| Description of fire and emergency equipment indicated on facility site map. Fire Extinguishers at dispenser and within building. Emergency propane shutoff adjacent to the dispenser. Video surveillance of property. Emergency alarm system with enunciator - push button Sprinkler system monitored. List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.) and describe their function, use and operation. |
| Fire Extinguishers at dispenser and within building. Emergency propane shutoff adjacent to the dispenser. Video surveillance of property. Emergency alarm system with enunciator - push button Sprinkler system monitored. 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. |
| Video surveillance of property. Emergency alarm system with enunciator - push button Sprinkler system monitored. 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. |
| Emergency alarm system with enunciator - push button Sprinkler system monitored. 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. |
| ist 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. |
| and describe their function, use and operation. |
| Emergency propane shutoff switch installed per B-149 of Ontario gas code - allows for hydro shutoff at dispenser, closing a valve and stopping the flow |
| of propane from the tank. |
| Fusible links on tank as described under b-149 of Ontario gas code - heat sensitive closure valve is activated with the main valve spring closes because the |
| ink breaks under heat, restricting the flow of gas/ liquids. |
| Maintenance and testing schedule for fire protection controls and devices. Annual inspection of tank and emergency shut-off system as per requirements under section b-149 of Ont. gas code. Copy left on site. |
| Annual inspections of fire extinguishers by external company along with sprinkler systems. |
| Daily visual inspection by operator opening facility / dispenser prior to use (new in 2012). |

| Name of person completing this form (please print) Robert Hicks | Official Title Maintenance Supervisor | |
|---|--|------------------------------|
| Signature Rolling Below | Telephone No. 519-332-0430 | Dale (dd-mm-yyyy) 15-02-2012 |



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

1. Contacts for Emergency Response

| 1. Facility Contact Personnel - Key | y Contact | 5. Facility 24-Hour Contact Perso | n |
|---|---|--|--|
| Name Carl Yates | | Name Robert Hicks | |
| Official Title General Manager | | Official Title Maintenance Supervisor | |
| Telephone No. 519-332-0430 | Fax No. 519-332-8220 | Cell No. 519-490-5373 | Fax No. 519-332-8220 |
| E-mail cyates@entropex.com | | E-mail rhicks@entropex.com | |
| Role and responsibilities in emergence | У | Role and responsibilities in emergence | Dy |
| To execute the emergency response pl | an and to implement its components | To execute the emergency response p | lan and to implement its components (alert |
| (alert authorities, confirm evacuation of | [HANDANANAN HO] - HAND - 회원 (대통령) PO HANDAN HANDA | authorities, confirm evacuation of peop | The same and the same of the same and the sa |
| 2. Facility Contact Personnel - Al | ternate Contact | 6. Name of Facility Manager | |
| Name Joe Sharpe | | Name Robert Hicks | |
| Official Title Plant Manager | | Official Title Maintenance Supervisor | |
| Telephone No. 519-332-0430 | Fax No. 519-332-8220 | Telephone No. 519-332-0430 | Fax No. 519-332-8220 |
| E-mail jsharpe@entropex.com | | E-mail rhicks@entropex.com | |
| Role and responsibilities in emergenc | у | Role and responsibilities in emergend | y |
| Execute the ER plan and to implement its components (alert authorities, | | To execute the emergency response p | lan and to implement its components (alert |
| confirm evacuation of people onsite) | 161 | authorities, confirm evacuation of peop | |
| 3. Local Fire Services - Key Conta | ct) | 7. Propane Supplier Key Contact F | |
| Name Pat Cayen | For Office Use - Party No. | Name Ken Hooker | For Office Use - Party No. |
| Official Title Fire Chief | | Official Title Branch Manager | N. |
| Telephone No. 519-332-1122 ext. 323 | Fax No. 519-332-1376 | Telephone No. 519-336-8600 | Fax No. 519-337-8848 |
| E-mail pat.cayen@sarnia.ca | | E-mail kenhooker@dowlerkarn.com | |
| Role and responsibilities in emergenc | у | Role and responsibilities in emergend | cy |
| Lead and coordinate emergency service | es resources and response in the | Address any concerns, alert support pe | ersonnel as required, implement supplier |
| event of an emergency. | | erp. Participate in service requirements | that may be necessary for re-starts. |
| 4. Local Fire Services - Alternate C | ontact | 8. Municipal Contact | |
| Name John Kingyens | For Office Use - Party No. | Name Brian Knott | |
| Official Title Deputy Fire Chief | | Official Title Clerk | |
| Telephone No. 519-332-1122 | Fax No. 519-332-1376 | Telephone No. 519-332-0330 ext262 | Fax No. 519-332-3995 |
| E-mail john.kingyens@sarnia.ca | | E-mail brian.knott@sarnia.ca | |
| Role and responsibilities in emergence | у | Municipality | |
| Lead and coordinate emergency service | es resources and response in the | Sarnia | |
| event of an emergency. | | | |

| Name of person completing this form (please print) | Official Title | |
|--|------------------------|-------------------|
| Robert Hicks | Maintenance Supervisor | |
| Signature / / / / | Telephone No. | Date (dd-mm-yyyy) |
| Kolont Stall | 519-332-0430 | 15.02.2012 |



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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. Facility is built and maintained to code, meeting all applicable regulations. |
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| Name of person completing this form (please print) | Official Title | | |
|--|-------------------------------|-------------------|--|
| Robert Hicks | Maintenance Supervisor | | |
| Signature Colon Mill | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) | |



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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 Respo | onse Plan and Procedures provided to facility key contacts. |
|----------------------------------|--|
| Training Date (dd-mm-yyyy) | Print Name of Training Provider: Inhouse training |
| February 2012 | Print Name of Instructor: John Barker - Training Coordinator |
| Training Date (dd-mm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| Training Date (dd-mm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| Training on the facility's Emerg | gency Management Procedures provided to staff. |
| Training Date (dd-mm-yyyy) | Print Name of Training Provider: Inhouse training |
| February 2012 | Print Name of Instructor; John Barker - Training Coordinator |
| Training Date (dd-mm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| Training Date (dd-mm-yyyy) | Print Name of Training Provider: |
| - 1 | Print Name of Instructor: |
| On-site specific training provid | led to certificate holders / persons with Records of Training. |
| Training Date (dd-mm-yyyy) | Print Name of Training Provider: Dowler-Karn Limited (CPA certified trainer) |
| As required based on expiry date | Print Name of Instructor: Ken Hooker |
| Training Date (dd-mm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| Training Date (dd-mm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |

| Name of person completing this form (please print) | Official Title | |
|--|----------------------------|----------------------------------|
| Robert Hicks | Maintenance Supervisor | |
| Signature Red San Francisco | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) 15 · 02 · 2012 |



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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 Re | sponse Plan and Procedures provided to facility key contacts. |
|--|--|
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: Inhouse trainer |
| October 2012 | Print Name of Instructor: John Barker - Training Coordinator |
| 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 Em | ergency Management Procedures provided to staff. |
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: Inhouse (refresher) |
| October 2012 | Print Name of Instructor: John Barker - Training Coordinator |
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: |
| 1 | Print Name of Instructor: |
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: |
| Territoria de la constitución de | Print Name of Instructor: |
| On-site specific training pro | vided to certificate holders / persons with Records of Training. |
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: Dowler-Karn Limited |
| In advance of expiry dates | Print Name of Instructor: Ken Hooker - certified CPA Instructor |
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: |
| · | Print Name of Instructor: |
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: |
| | Print Name of Instructor: |
| | |

| Name of person completing this form (please print) | Official Title | |
|--|----------------------------|------------------------------|
| Robert Hicks | Maintenance Supervisor | |
| Signature Robert Story | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) 15-02-2012 |



Warnings and Actions

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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

| Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate). Emergency response Supervisors are responsible for executing the ERP. In the event of a confirmed emergency, the evacuation alarm will be sounded and |
|--|
| appropriate steps taken according to the specific roles detailed in the plants emergency response plan attached. |
| |
| |
| 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). |
| In the event that an emergency has been declared, an evacualion alarm will be sounded and 911 will be called. The designated supervisor will undertake |
| their responsibilities as set out in the ERP. In a propane emergency, this will include activating the E stop if accessible. The responsibilities of all employees |
| and supervisors is outlined the the ERP. This includes maintenance responsibilities and ensuring that timecards and sign -ins have all been accounted for |
| at the evac point in the front of the building. Refer to the ERP for further specifics. |
| |
| 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). |
| In the event of a suspected leak, spill, fire or explosion, the emergency coordinators/ supervisors are to evaluate if an imminent threat exists and consider |
| the safety of all employees, contractors or guests. In conjunction with sounding the evacuation alarm, 911 will be called if there is a risk of damage or harm to |
| staff or property. Refer to ERP for more details. |
| |
| Describe provisions for fire department entry when there are no operations or staffing at the propane site. All equipment relevant to propane is accessible outside the building, including the emergency shutoff. Maintenance staff are to ensure extruder lines |
| and motor control centres are shut down. |
| The facility is operated 24 hours per day and the gate is left open for year-round access to the dispenser tank |
| |
| Describe how the licence holder will ensure continual flow of updated information to authorities. |
| Via phone or cell phone until such time as they arrive. Upon arrival, the Evac Response Supervisor will liaise with the Emergency services to provide update. |
| on situation and evacuation status. In a proactive manner, Entropex will provide site and contact information to the Fire service along with a copy of the |
| ERP when the RSMP is reviewed. |
| |
| How long will it take the facility liaison person to respond to the site. |
| The key Management personnel can be present within minutes. |
| |
| |
| |

| Name of person completing this form (please print) Robert Hicks | Official Title Maintenance Supervisor | |
|---|--|------------------------------|
| Signature Rolling Specific | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) 15-02-2012 |



3.

9.

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Are quality assurance procedures in place to ensure that all valves are closed after

What is the unobstructed distance to the closest approved water supply with year

round access if there are no hydrants? (distance in metres only)

Is the schedule of maintenance and testing activities retained on site?

the propane cylinders are filled?(e.g., QCC valves)

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

6. Building and Site Security and Procedures Yes No Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)? Is there adequate night lighting at the site? Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials? 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? Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders? Are weighing systems validated for accuracy? Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)?

SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)
The licence holder will complete Section B in consultation with the local Fire Services.

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 Is a pressurized water system available at the propane facility site? Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location? What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)

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

n/a

7. Water Supply

| Name of person completing this form (please print) Robert Hicks | Official Title Maintenance Supervisor | |
|---|--|--------------------------------------|
| Signature Rolla & Barry | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) 15 ° 02 · 2012_ |



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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 R If not, please explain (e.g., no fire services). Electronic and hard copy forwarded. | esponse and Preparedness Plan? | Yes No | |
| Fire services comments, if any: To be forwarded once received. No Concers J. Pott | | | |
| 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-mr | п-уууу) | |
| | | | |
| LOCAL FIRE SERVICES | | | |
| The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services. | | | |
| Print name Local Fire Services Name Chief Pat Cayen | Signature los | Date (dd-mm-yyyy) 28 - 02 - 2012 | |

| Name of person completing this form (please print) Robert Hicks | Official Title Maintenance Supervisor | |
|---|--|------------------------------|
| Signature Robert Wille | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) 15-02-20/2 |



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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.
- Access and egress points and location of barriers.
- Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and location of fire hydrant or water supply where available.
- 6. Location of emergency shut off/shut down switches/valves.

Map of Surrounding Area.

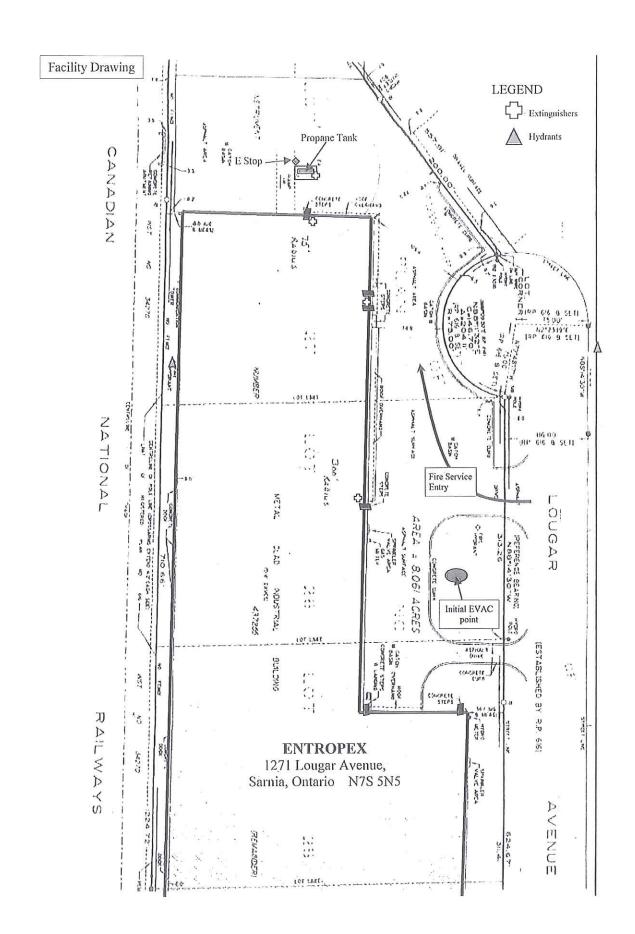
The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

- 7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
- 8. GPS co-ordinates of the single largest vessel.
- 9. Visual indication of the single largest fixed vessel and a circle made using the distance in Table 1 as the radius from the single largest fixed vessel.
- 10. Clear indication of the municipality or municipalities present within the circle.
- 11. Visual indication of property line information.
- 12. The location and name of roads within or abutting the site.
- 13. Key note to the drawing indicating the facility's municipal address, municipal lot number(s) and concession lines as applicable, and the date the map was prepared.
- 14. Address and contact information for each municipality (municipal clerk or secretary-treasurers of planning board). (Refer to page 5.)
- 15. Complete "Required Mapping Information from Updated Site Plan" in table below .

Required Mapping Information from Updated Site Plan

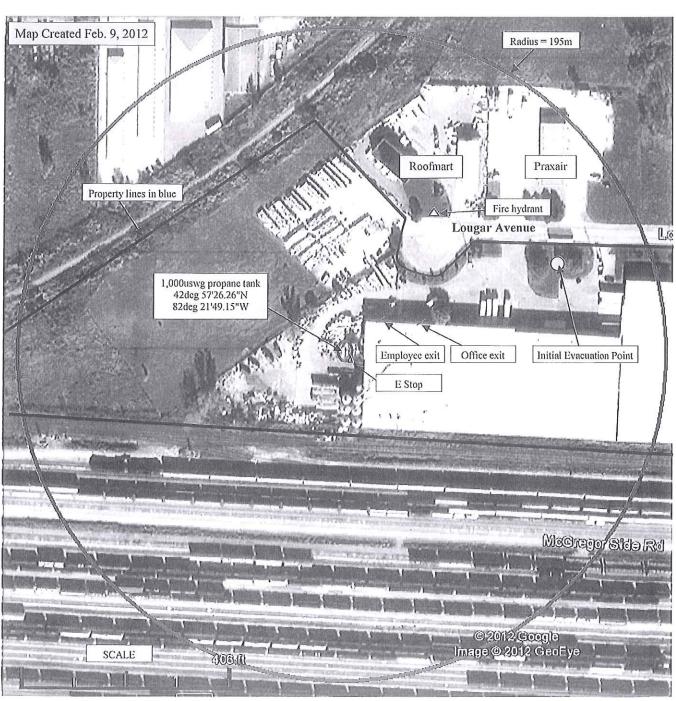
| Date Map Prepared (dd- February 9, 2012 | mm-yyyy) | Capacity of single largest propane storagevessel (USWG) 1,000 uswg | |
|--|-----------------|--|--------|
| Tank setback coordinates. Front: | 100 4 | nt on the map. Right side property line: | 190.9m |
| Rear: | 48.7m | Left side property line: | 256.7m |
| GPS coordinates of single | largest vessel: | 42deg57'26.26"N/ 82deg21'49.15"W | 2 |

| Name of person completing this form (please print) | Official Title | |
|--|----------------------------|------------------------------|
| Robert Hicks | Maintenance Supervisor | |
| Signature Robert & All | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) 15-01-2012 |



ENTROPEX

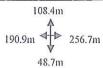
1271 Lougar Avenue, Sarnia, Ontario N7S 5N5



Municipality: Sarnia
255 North Christina Street, Sarnia, ON N7T 7N2
Contact: Brian Knott, Clerk
Phone:519-332-0330 ext262

Email:brian.knott@sarnia.ca

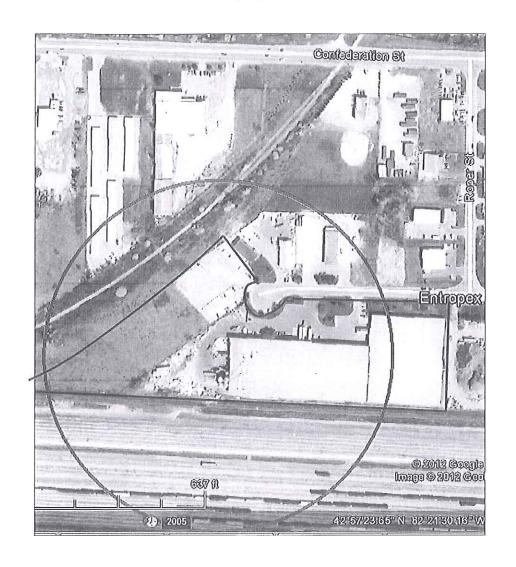
Tank Setbacks from property lines (blue)



ENTROPEX

1271 Lougar Avenue, Sarnia, Ontario N7S 5N5

Property lines





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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:

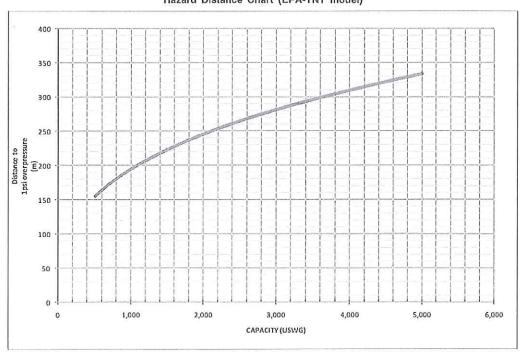
Density of Propane is 0.5033 kg per litre @ 15 C

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)



| Name of person completing this form (please print) Robert Hicks | Official Title MaIntenance Supervisor | |
|---|--|------------------------------|
| Signature Golden Spail | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) 15:02-2012 |



| Technical | 14th Floor - Centre Tower | 3300 Bloor Street West | Toronto Ontario M8X2X4 | Fax: 416.231.4903 | Customer Service: 1.877.682.8772

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

SECTION C: SUBMISSIONS (cont'd)

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

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 Bulldings and Features (mark with an "X") | | | Distance from Tank to Closest Building or |
|--|--|---|---|------|-----|---|
| | The title that years of process banding of reaction | 0 | 1 | 2-10 | 11+ | Feature |
| Industria Name: Address City: | buildings or parks or golf courses Roofmart 1272 Lougar Ave Sarnia Province Ontario Postal Code N7S 5N6 | | | х | | 119.6 m |
| Name: | al building units specifically permanent single family dwellings, condominiums, and apartments. | х | | | | m |
| Name: | ial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. H/H Province Postal Code | х | | | | m |
| Name: | ial building units – continuous occupancy specifically hotels, campgrounds, and resorts. N/N. Province Province Postal Code | × | | | | m |
| institution Name: | institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health s, and prisons. 以人A | x | | | | m |
| Emergend Name: Address: City: | y responders specifically fire stations, ambulance stations, and police stations. H H Province Postal Code | x | | | | m |

| Name of person completing this form (please print) Robert Hicks | Official Title Maintenance Supervisor | |
|---|--|-------------------------------|
| Signature Rolant Spill | Telephone No. 519-332-0430 | Date (dd-mm-yyyyy) 15-02-2012 |

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



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

SECTION C: SUBMISSIONS (cont'd)

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

Portable Storage Additional Information Sheet

| Cylinder Size | Capacity in USWG | Quantity | Total Volume in USWG |
|---------------|------------------|--|----------------------|
| # 420 | 123.9 | | |
| # 100 | 29.5 | | |
| # 40 | 11.75 | | |
| # 33.3 | 9.62 | 24 | 230.88uswg |
| # 30 | 8.8 | | |
| # 20 | 5.8 | | |
| # 10 | 2.9 | | |
| # 5 | 1.5 | The state of the s | |

Tanks Stored On-site Not Connected for Use

| Tank Size In USWG | Quantity | Total Volume in USWG | | |
|-------------------------|-----------------------|----------------------|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | : | | | |
| | | | | |
| Total Tank Capacity | | | | |
| | - | | | |
| Total Cylinder Capacity | 230.88uswg | 230.88uswg | | |
| Fotal Tank Capacity | 1,000 uswg tank fixed | | | |
| Total Portable Capacity | 230.88uswg | A | | |

| Name of person completing this form (please print) Robert Hicks | Official Title Maintenance Supervisor | |
|---|--|-----------------------------------|
| Signature Rolling Stand | Telephone No. 519-332-0430 | Date (dd-mm-yyyy) 15 - 87- 201 2_ |