# TSSA Safety Authority www.issa.org

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

# 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.

|            | M  | Failure to fully complete this fo<br>aking a false statement may re<br>under the <i>Technical Stan</i> | sult in a fine or prosecution                  |                                  |                                     |  |
|------------|--|--|--|----------------------------------|-------------------------------------|--|
| Lice       | nce Number   | 000076647003   |  |                                  |                                     |  |
| Check      | c applicable type  | of propane operations.   |  |                                  |                                     |  |
|            | Cylinder   | ✓ Motor Fill   | Filling Plant Card/Keyloci                     |                                  |                                     |  |
| Subm       | nit along with this  | completed application a Facility Site  | Plan and a Map of the Surrounding Area.        |                                  |                                     |  |
|            |  |  |  |                                  |                                     |  |
|            | 71   | SI   | ECTION A: GENERAL INF                          | ORMATION                         |                                     |  |
| The<br>Pro | Undersigne<br>pane Storaç  | ed applies to TSSA for a   | a review for an RSMP under C                   | ntario's <i>Technical Standa</i> | ards and Safety Act,                |  |
|            | Company Name   |  |  |                                  | ario Corporation No., if applicable |  |
| A          | Burlington Tax   | xi inc.  |  | 1255                             | 5694                                |  |
|            | Operator Name  | (if different from above)  |  |                                  |                                     |  |
|            | Telephone No.  | Fax No.  | E-mail-  |                                  | 1                                   |  |
|            | 9053330077   | 9053331688   | scott@burlingtontaxi.com                       |                                  |                                     |  |
| В          | Street No.   | Street Name / 911 Numbe  | r / Address, if applicable                     |                                  |                                     |  |
|            | 3472   | Landmark Road  |  |                                  |                                     |  |
|            | Town / City or 7   | Township / County  |  | Province                         | Postal Code                         |  |
|            | Burlington   |  |  | Ontario                          | L7M 1S8                             |  |
|            | Mailing addre  | ess if different from above.   |  |                                  |                                     |  |
| С          | Street No.   | Street Name / 911 Number   | er / Address, if applicable                    |                                  |                                     |  |
|            | Town / City or To  | ownship / County   |  | Province                         | Postal Code                         |  |
| Int        | formation on<br>Location of fa   | Container Refill Centre or   | Filling Plant                                  |                                  |                                     |  |
|            | Street No.   | Street Name / 911 Numbe  | r / Address, if applicable                     | Nearest Major Intersection       |                                     |  |
| D          | 3472   | Landmark Road  |  | Walkers Lind                     |                                     |  |
|            | 25,00000   | SHERRING WAS SOLD SHOWS  |  |                                  | Postal Code                         |  |
|            | Town / City or T   | ownship / County   |  | Province                         | L7M1S8                              |  |
|            | Burlington   |  |  | Ontario                          | L/W136                              |  |
|            | Name of Licence  | Holder   |  |                                  |                                     |  |
|            |  |  |  |                                  | 1                                   |  |
|            | Burlington Tax   |  |  |                                  |                                     |  |
|            | Name of a Senio  | or Management person as defined i  | in the regulation holding the Record of Traini |                                  | type                                |  |
|            | Scott Wallace  |  |  | Certi                            | fied Examiner                       |  |
|            | Municipality (or municipalities if the facility or its hazard distance touches multiple borders) |  |  |                                  |                                     |  |
| 1          | Halton   |  |  |                                  |                                     |  |
| 1          |  |  |  |                                  |                                     |  |
|            | Hours of operation   | on.  |  |                                  |                                     |  |
|            |  |  |  |                                  |                                     |  |
|            |  |  |  |                                  |                                     |  |
|            |  |  |  |                                  |                                     |  |
|            |  |  |  |                                  |                                     |  |
|            |  |  |  |                                  |                                     |  |
|            |  |  |  |                                  |                                     |  |

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

Licency declare that the information I have given here is true and complete.

| Printname   | Signature | Date (dd-mm-yyyy) |
|---|-----------|-------------------|
| Name of Licence Holder Burlington Taxi Inc              | Coll      | 11-10-2011        |
| Name of Senior Management person as defined in the      | 5000      |                   |
|   |           | 1                 |
| Regulation holding the Record of Training Scott Wallace |           |                   |

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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. 2001 | Indicate the year of any significant modific NA | ations, as defined in s.1, O.Reg 211/01, since establishment. |
|--|---|---|
| Identify the psig rating and serial number for each  | ch fixed propane storage tank on site.          |   |
| PSIG   | Serial Number                                   |   |
| Tank1: 250   | 96017   |   |
| Tank2:   |   |   |
| Tank3:   |   |   |
| Enter capacity of propane in USWG, fixed, port       | able, and mobile, and provide detailed inv      | entory that includes the number of tank/vessel for            |
| each type (fixed, portable, and mobile) and the      |   |   |
| Fixed: 5000 USWG                                     | Portable: NA                                    | Mobile: NA  |
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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.

Official Title

Telephone No.

9053330077 x224

Date (dd-mm-yyyy)

11-10-2011

President

FS 09195 (05/11) Page 2 of 15

Scott Wallace

Signature

Name of person completing this form (please print)

# Technical Standards and www.tssa.org

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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)  Activity Information         |                                  |                    |                          |              |                  |             |
|---|----------------------------------|--------------------|--------------------------|--------------|------------------|-------------|
|   |                                  |                    |                          |              |                  |             |
| Name of Propai  | ne Supplier(s)                   |                    |                          |              |                  |             |
| Gaslink   |                                  |                    |                          |              |                  |             |
| Street No.  | Street Name / 911 Number / Addr  | ess, if applicable |                          |              |                  |             |
| 1364  | Plains Road East                 |                    |                          |              |                  |             |
| Town / City or T  | ownship / Country                |                    |                          | Province     |                  | Postal Code |
| Burlington  |                                  |                    |                          | Ontario      |                  | L7R3P8      |
| Telephone No.   | Fax No.                          | Contact Na         | ame                      |              |                  |             |
| 9056382527  | 9056814564                       | Steve Gibson       | n                        |              |                  |             |
| E-mail  |                                  |                    |                          |              |                  |             |
| sgibson12@bellne  | et.ca                            |                    |                          |              |                  |             |
|   |                                  |                    |                          |              |                  |             |
| Name of Propar  | ne Transporter. If same as above | , please check bo  | ox.                      |              |                  |             |
| Primemax Energy   | Inc                              |                    |                          |              |                  |             |
| Street No.  | Street Name / 911 Number / Addr  | ess, if applicable |                          |              |                  |             |
| 2558  | Cedar Creek Road                 |                    |                          |              |                  |             |
|   | ownship / Country                |                    |                          | Province     |                  | Postal Code |
| Ayr   |                                  |                    |                          | Ontario      |                  | NOB 1E0     |
| Telephone No.   | Fax No.                          | Contact Na         | ame                      |              |                  |             |
| 5197408209  | 5197401015                       |                    |                          |              |                  |             |
| E-mail  |                                  |                    |                          |              |                  |             |
|   |                                  |                    |                          |              |                  |             |
| Official Continues  |                                  |                    | Capacity stored off-site | in HSWG      | For Office Use - | Party No.   |
| Country Comment of Assessment   | r and/or Mobile Storage          |                    | Capacity stored on-site  | i, iii 03vva |                  |             |
| None  | Obsert Name - 1044 Number / Adda | ese if emplicable  |                          |              |                  |             |
| Street No.  | Street Name / 911 Number / Addr  | ess, ii applicable |                          |              |                  |             |
| Town / City or T  | ownship / Country                |                    |                          | Province     |                  | Postal Code |
| 1 1015-000-0000000   F3188 <b>3                                  </b> |                                  |                    |                          |              |                  |             |
| Telephone No.   | Fax No.                          | Contact Na         | ame                      |              |                  |             |

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) Scott Wallace | Official Title President         |                                 |  |
|--|----------------------------------|---------------------------------|--|
| Signature  | Telephone No.<br>9053330077 x224 | Date (dd-mm-yyyy)<br>11-10-2011 |  |

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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.  None  |
|--|
|  |
| Description of fire and emergency equipment indicated on facility site map.  Fire extinguishers located at tank location                                   |
|  |
| 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.  Property is staffed 24 hours a day 365 a year. Has auto shut off on building beside tank.                 |
| Tank is equipped with auto shut off in case of line rupture  |
| Maintenance and testing schedule for fire protection controls and devices.   |
| Annual inspection by Deboer propane company for maintenance  |
| Fire extinguishers are checked quarterly   |
|  |

| Name of person completing this form (please print) Scott Wallace | Official Title<br>President        |                                 |
|--|------------------------------------|---------------------------------|
| Signature  | Telephone No.<br>905-333-0077 x224 | Date (dd-mm-yyyy)<br>10-11-2011 |



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

| CY AND PREPAREDNESS | - DECDALOR DI | A A I / A C A I                       |
|---------------------|---------------|---------------------------------------|
|                     |               | · (C) (S) (-) (F) (F) (F) (F) (F) (F) |
|                     |               |                                       |
|                     |               |                                       |
|                     |               |                                       |

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 Re |                               | Yes No            |
|---|-------------------------------|-------------------|
| If not, please explain (e.g., no fire services).  |                               | ,d                |
|   |                               |                   |
| Fire services comments, if any:   |                               |                   |
|   |                               |                   |
| To be completed by the Licence Holder In response to the above comments, the following action(s) is required:       | 6                             | ,                 |
|   |                               |                   |
| The licence holder will respond to the Local Fire Services comments   | by:(dd-mm                     |                   |
|   |                               |                   |
| LOCAL FIRE  | SERVICES                      |                   |
| The undersigned has reviewed Section B of the Risk and Safety M   | anagement Plan Fire Services. | 8                 |
| Print name  Local Fire Services Name  Print name  NIMIAR  | Signature W wtav              | Date (dd-mm-yyyy) |

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) Scott Wallace | Official Title<br>President        |                                 |
|--|------------------------------------|---------------------------------|
| Signature Succession   | Telephone No.<br>905-333-0077 x224 | Date (dd-mm-yyyy)<br>10-11-2011 |

FS 09195 (05/11) Page 11 of 15



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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)

1. Contacts for Emergency Response

| 1. Facility Contact Personne  | el - Key Contact      |                            | 5. Facility 24-Hour Conta                | act Person                    | ]                          |  |
|---|-----------------------|----------------------------|--|-------------------------------|----------------------------|--|
| Name<br>Scott Wallace   |                       | For Office Use - Party No. | Name<br>Scott Wallace                    |                               | For Office Use - Party No. |  |
| Official Title President  |                       |                            | Official Title<br>President              |                               | •                          |  |
| Telephone No. Fax No. 905 333 0077 x224 905 333 1688  |                       |                            | Cell No.<br>9053082213                   | Fax No.<br>9053331688         |                            |  |
| E-mail scott@burlingtontaxi.com   |                       |                            | E-mail<br>scott@burlingtontaxi.com       |                               |                            |  |
| Role and responsibilities in em   | nergency              |                            | Role and responsibilities in             | emergency                     |                            |  |
| first contact to ensure all staff a   | re completing proc    | edures                     | first contact to ensure all staf         | f are completing procedu      | ures                       |  |
| 2. Facility Contact Personne  | el - Alternate Co     | ontact                     | 6. Name of Facility Manag                | ger                           |                            |  |
| Name<br>Matt Wallace  |                       | For Office Use - Party No. | Name<br>Chris Belec                      |                               | For Office Use - Party No. |  |
| Official Title VP Operations  |                       |                            | Official Title<br>Manager                |                               |                            |  |
| Telephone No.<br>9053330077 x234  | Fax No. 90533316      | 888                        | Telephone No.<br>9053330077 x226         | Fax No.<br>9053331688         |                            |  |
| E-mail<br>matt@burlingtontaxi.com   |                       |                            | E-mail<br>chrisb@burlingtontaxi.com      |                               |                            |  |
| Role and responsibilities in emergency secondary contact ensuring all staff are completing procedures |                       |                            | Role and responsibilities in emergency   |                               |                            |  |
|   |                       |                            | training for all propane related issues. |                               |                            |  |
| 3. Local Fire Services - Key  | Contact               |                            | 7. Propane Supplier Key (                | Contact Person                |                            |  |
| Name<br>Gerald Savrnoch   |                       | For Office Use - Party No. | Name P3.                                 |                               | For Office Use - Party No. |  |
| Official Title Fire Prevention Inspector  | E-mail savrnoch       | @burlington.ca             | Official Title                           | E-mail                        |                            |  |
| Telephone No.<br>9053157714   | Fax No.<br>90531577   | 08                         | Telephone No.                            | Fax No.                       |                            |  |
| Role and responsibilities in em<br>Fire Prevention for Burlington area                                |                       |                            | Role and responsibilities in             | emergency                     |                            |  |
| Fire Services Address<br>1255 Fairview St, Burlington Onta  | rio L7S1Y3            |                            | Propane Supplier Address                 |                               |                            |  |
| 4. Local Fire Services - Alte   | rnate Contact         |                            | 8. Municipal Contact                     |                               |                            |  |
| Name above  |                       | For Office Use - Party No. | Name<br>Angela Morgan                    |                               |                            |  |
| Official Title  | E-mail                |                            | Official Title<br>City Clerk             |                               | ×-                         |  |
| Telephone No.   | Fax No.               |                            | Telephone No.<br>9053357502              | Fax No.                       | -                          |  |
| Role and responsibilities in em   | ergency               |                            | E-mail                                   |                               |                            |  |
|   |                       |                            | morgana@burlington.ca                    |                               |                            |  |
|   | Fire Services Address |                            |  | Municipality Name and Address |                            |  |
| Fire Services Address   |                       |                            | Mullicipality Name and Add               | 11035                         |                            |  |

| Name of person completing this form (please print) | Official Title    |                   |
|--|-------------------|-------------------|
| Scott Wallace                                      | President         |                   |
| Signature  | Telephone No.     | Date (dd-mm-yyyy) |
| C.111  | 905-333-0077 x224 | 11-10-2011        |



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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  |
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| Name of person completing this form (please print) Scott Wallace | Official Title President           |                              |
|--|------------------------------------|------------------------------|
| Signature  | Telephone No.<br>905-333-0077 x224 | Date (dd-mm-yyyy) 10-11-2011 |



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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 Res     | sponse Plan and Procedures provided to facility key contacts.    |  |  |  |
|-------------------------------|--|--|--|--|
| Training Date (dd-mm-yyyy)    | Print Name of Training Provider: Burlington Taxi Inc.            |  |  |  |
| as required                   | Print Name of Instructor: Scott Wallace                          |  |  |  |
| 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 Em | ergency Management Procedures provided to staff.                 |  |  |  |
| Training Date (dd-mm-yyyy)    | Print Name of Training Provider: Burlington Taxi Inc.            |  |  |  |
| as required                   | Print Name of Instructor: Chris Belec                            |  |  |  |
| Training Date (dd-mm-yyyy)    | Print Name of Training Provider:                                 |  |  |  |
|                               | Print Name of Instructor:  |  |  |  |
| Training Date (dd-mm-yyyy)    | Print Name of Training Provider:                                 |  |  |  |
|                               | Print Name of Instructor:  |  |  |  |
| On-site specific training pro | vided to certificate holders / persons with Records of Training. |  |  |  |
| Training Date (dd-mm-yyyy)    | Print Name of Training Provider: Burlington Taxi Inc.            |  |  |  |
| as required                   | Print Name of Instructor: Scott Wallace                          |  |  |  |
| 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    |                   |
|--|-------------------|-------------------|
| Scott Wallace                                      | President         |                   |
| Signature 3  | Telephone No.     | Date (dd-mm-yyyy) |
| Soull  | 905-333-0077 x224 | 10-11-2011        |



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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: Burlington Taxi Inc.             |
| as required                   | Print Name of Instructor: Scott Wallace                           |
| 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 En | nergency Management Procedures provided to staff.                 |
| Target Date (dd-mm-yyyy)      | Print Name of Training Provider: Burlington Taxi Inc.             |
| as required                   | Print Name of Instructor: Chris Belec                             |
| Target Date (dd-mm-yyyy)      | Print Name of Training Provider:                                  |
|                               | Print Name of Instructor:   |
| Target Date (dd-mm-yyyy)      | Print Name of Training Provider:                                  |
|                               | Print Name of Instructor:   |
| On-site specific training pr  | ovided to certificate holders / persons with Records of Training. |
| Target Date (dd-mm-yyyy)      | Print Name of Training Provider: Burlington Taxi Inc.             |
| as required                   | Print Name of Instructor: Scott Wallace                           |
| 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                     |                                 |
|--|------------------------------------|---------------------------------|
| Scott Wallace                                      | President                          |                                 |
| Signature Sp. 1/1                                  | Telephone No.<br>905-333-0077 x224 | Date (dd-mm-yyyy)<br>10-11-2011 |



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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).  On site staff will contact 911 immediately. Public notification would be done by authorities.   |
|  |
| 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).  On site staff are to call 911 immediately and evacuate to next building on adjacent property if safe to do so. When management arrives they will take control of situation. |
| 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).  Property is staffed 24 hours a day. If an emergency staff will immediately call 911  |
| Describe provisions for fire department entry when there are no operations or staffing at the propane site.  Staff is here 24 hours a day. Property is open and is not gated so there are no access restrictions for authorities.  |
| Describe how the licence holder will ensure continual flow of updated information to authorities.  if safe to do so employee will remain on site to assist first responder. Scott Wallace is to provide continued support and information to authorities.  |
| How long will it take the facility liaison person to respond to the site.  15 minutes  |
|  |

| Name of person completing this form (please print) Scott Wallace | Official Title<br>President        |                                 |
|--|------------------------------------|---------------------------------|
| Signature Supt (   | Telephone No.<br>905-333-0077 x224 | Date (dd-mm-yyyy)<br>10-11-2011 |



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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 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, 7. purged and other hazardous materials)? Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves) Is the schedule of maintenance and testing activities retained on site? 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? 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 115 metres firefighting activities? (distance in metres only) What is the unobstructed distance to the closest approved water supply with year NA round access if there are no hydrants? (distance in metres only)

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

| Name of person completing this form (please print) Scott Wallace | Official Title President           |                                 |
|--|------------------------------------|---------------------------------|
| Signature Say (  | Telephone No.<br>905-333-0077 x224 | Date (dd-mm-yyyy)<br>10-11-2011 |

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# Technical Standards and Safety Authority www.tssa.org

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

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

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

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

| 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). | Yes esponse and Preparedness Plan? | No |  |  |  |
| Fire services comments, if any:   |                                    |    |  |  |  |
| To be completed by the Licence Holder In response to the above comments, the following action(s) is required:   |                                    |    |  |  |  |
| The licence holder will respond to the Local Fire Services comments by:   |                                    |    |  |  |  |
| LOCAL FIRE SERVICES   |                                    |    |  |  |  |
| The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.  |                                    |    |  |  |  |
| Print name Signature Date (dd-mm-yyyy)  |                                    |    |  |  |  |
| Local Fire Services Name  |                                    |    |  |  |  |

| Name of person completing this form (please print) Scott Wallace | Official Title President           |                                 |
|--|------------------------------------|---------------------------------|
| Signature  | Telephone No.<br>905-333-0077 x224 | Date (dd-mm-yyyy)<br>10-11-2011 |



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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-r<br>01-10-2011 | nm-yyyy)        | Capacity 6      | of single largest propane | storagevessel (USWG) |
|---------------------------------------|-----------------|-----------------|---------------------------|----------------------|
| Tank setback coordinates. Front:      |                 |                 | Right side property line: | 19m                  |
| Rear:                                 |                 |                 | Left side property line:  | 15m                  |
| GPS coordinates of single             | largest vessel: | N 43'22'04.84 W | 79'47'42.22               |                      |

| Name of person completing this form (please print) Scott Wallace | Official Title<br>President        |                              |
|--|------------------------------------|------------------------------|
| Signature 2'41   | Telephone No.<br>905-333-0077 x224 | Date (dd-mm-yyyy) 11-10-2011 |

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<br>(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:

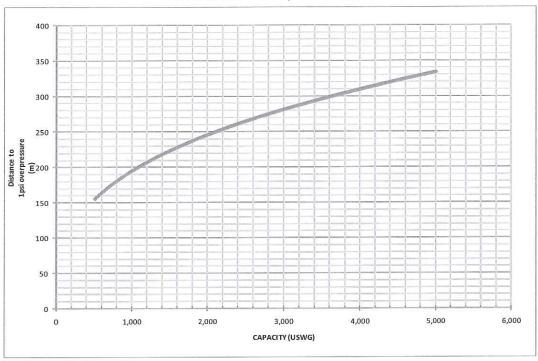
Density of Propane is 0.5033 kg per litre @ 15 C

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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# 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 F | of Build<br>eatures<br>th an ") |     | Distance from<br>Tank to Closest<br>Building or |
|---|--|---|-------|---------------------------------|-----|---|
|   | AND Name and Address of Closest Building or Feature  | 0 | 1     | 2-10                            | 11+ | Feature   |
| Industrial<br>Name:<br>Address<br>City: | buildings or parks or golf courses  LA Rubber  3468 Landmark Rd  Burlington Province Ontario Postal Code   |   | x     |                                 |     | 80m   |
| Name:                                   | ial building units specifically permanent single family dwellings, condominiums, and apartments.  none  Province Province Postal Code                | × |       |                                 |     | m   |
| Name:                                   | cial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes.  None  Province Province Postal Code          | × |       |                                 |     | O m   |
| Name:                                   | cial building units – continuous occupancy specifically hotels, campgrounds, and resorts.  None  Province Postal Code                                | × |       |                                 |     | C m   |
| institutior<br>Name:                    | institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health as, and prisons.  None  Province Postal Code | * |       |                                 |     | _O m  |
| Name:                                   | cy responders specifically fire stations, ambulance stations, and police stations.  None  Province Postal Code                                       | × |       |                                 |     | m   |

| Name of person completing this form (please print) Scott Wallace | Official Title<br>President        |                              |
|--|------------------------------------|------------------------------|
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<sup>\*</sup> For multi-unit buildings, count each unit as "1".



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#### WORKSHEET

#### Portable Storage Additional Information Worksheet

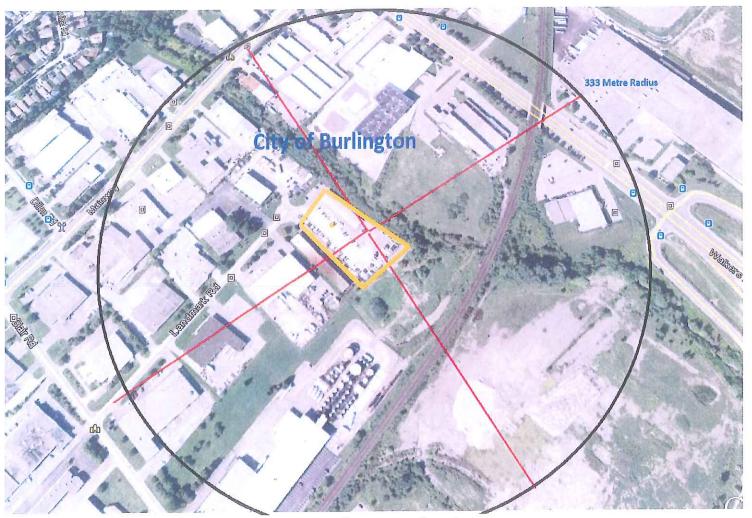
| Cylinder Size | Capacity in USWG | Quantity | Total Volume in USWG |
|---------------|------------------|----------|----------------------|
| # 420         | 123.9            | 0        |                      |
| # 100         | 29.5             | 0        |                      |
| # 40          | 11.75            | 0        |                      |
| # 33.3        | 9.62             | 0        |                      |
| # 30          | 8.8              | 0        |                      |
| # 20          | 5.8              | 0        |                      |
| # 10          | 2.9              | 0        |                      |
| # 5           | 1.5              | 0        |                      |

#### Tanks Stored On-site Not Connected for Use

| Tank Size In USWG | Quantity | Total Volume in USWG |
|-------------------|----------|----------------------|
| one               |          |                      |
|                   |          |                      |
|                   |          |                      |
|                   |          |                      |
|                   |          |                      |
|                   |          |                      |
|                   |          |                      |
|                   |          | l                    |

| Total Cylinder Capacity   | 0 |
|---|---|
| Total Tank Capacity   | 0 |
| Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity) | 0 |





Map of Surrounding Area

3472 Landmark Road, Burlington

| Municipal Contact |                       |  |
|-------------------|-----------------------|--|
| Name:             | Angela Morgan         |  |
| Title:            | City Clerk            |  |
| Telephone:        | 905 335 7702          |  |
| Email:            | morgana@burlington.ca |  |
| Municipality;     | City of Burlington    |  |

