T S S A Safety Authority www.issa.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

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 USWG of portable propane storage capacity or 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 000076645092 Licence Number Check applicable type of propane operations. 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. Ontario Corporation No., if applicable Company Name Ingot Metal Company Ltd Operator Name (if different from above) Ingot Metal Co. Ltd. E-mail Fax No. Telephone No. 416-749-1373 416-749-1371 dshore@ingot.ca Street Name / 911 Number / Address, if applicable В Street No. Fenmar Dr Postal Code Town / City or Township / County Province M9L 1M3 On Mailing address if different from above. Street Name / 911 Number / Address, if applicable Street No. C Postal Code Province Town / City or Township / County On Information on Container Refill Centre or Filling Plant Location of facility. Street No. Street Name / 911 Number / Address, if applicable Nearest Major Intersection Fenmar Dr Weston Road & Steeles Ave West Postal Code Province Town / City or Township / County M9L 1M3 On Name of Licence Holder Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). ROT type PTI 400-4 Cert # 99180 (PP0-3) Municipality (or municipalities if the facility or its hazard distance touches multiple borders) City of Toronto Hours of operation.

This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information.

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

| Printname | Signature | Date (dd-mm-yyyy) | |
|---|-----------|-------------------|--|
| Name of Licence Holder Ingot Metal Company Ltd | | | |
| Name of Senior Management person as defined in the | Dand 8he | 01-02-2012 | |
| Regulation holding the Record of Training David Shore | Dece - | | |

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 Standards and
 3300 Bloor Street West

 Safety Authority
 Toronto Ontario M8X 2X4

 Fax: 416.231.4903

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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)

| dentify the psig rating and serial number for each fixed propane storage tank on site. PSIG Serial Number Tank1: 250 5.592743 Tank2: 7ank3: 7ank3: 7ank3: 7ank3: 7ank4: 7ank4: 7ank4: 7ank5: | ndicate the year the facility was established. 975 | Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. 2003 |
|--|---|--|
| Tank1: | dentify the psig rating and serial number for ea | ach fixed propane storage tank on site. |
| Tank2: Tank3: inter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for ach type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document. | PSIG | Serial Number |
| Tank2: Tank3: inter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for ach type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document. | Tank1: 250 | 5.592743 |
| Tank3: | | |
| ach type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document. | | |
| | nter capacity of propane in USWG, fixed, por | rtable, and mobile, and provide detailed inventory that includes the number of tank/vessel for |
| Fixed: 1000 Portable: 282.18 Mobile: 0 | ach type (fixed, portable, and mobile) and the | e capacity of each tank/vessel, on a separate document. |
| PORADIE: MODILE: | Fixed: 1000 | Pedeble, 282.18 |
| | Tixed. | Foliable. Mobile: |
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| Name of person completing this form (please print) | Official Title | |
|--|----------------|-------------------|
| David Shore | Vice President | |
| Signature | Telephone No. | Date (dd-mm-yyyy) |
| () and 8he | 416-749-1372 | 01-02-2012 |



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

SECTION A: GENERAL INFORMATION (cont'd)

| | | Acti | vity information | | | |
|--|--|----------------------------|------------------|------------------|-----------|------------------------|
| | | | | | | |
| Name of Propane | Supplier(s) | | | | | |
| Superior Propane - I | Regional Operation Centre | | | | | |
| Street No. | Street Name / 911 Number / Addres Woodland Road East Unit 217 | s, if applicable | | | | |
| Town / City or To Guelph | wnship / Country | | | Province On | | Postal Code N1H 8J1 |
| Telephone No. 877-873-7467 | Fax No. 519-836-7766 | Contact Na Mike Mullins | me | | | |
| E-mail mullinsm@superior | propane.com | | | W. W. HILL | | |
| Superior Propane Street No. | Transporter. If same as above, Street Name / 911 Number / Address Wellington Road 124 s | | x | f | | |
| Town / City or To | | HILLER STATE STATE | | Province On | | Postal Code N1H 6L3 |
| Telephone No. 519-831-6564 | Fax No. 519-836-7766 | Contact Na Chris Van He | | | | |
| E-mail vanherkcj@superio | orpropane.com | | | | | |
| Off-site Cylinder and/or Mobile Storage None | | Capacity stored off-site | , in USWG | For Office Use - | Party No. | |
| Street No. Street Name / 911 Number / Address, if applicable | | | | | | |
| Town / City or To | ownship / Country | | | Province | | Postal Code |
| Telephone No. | Fax No. | Contact Na | ume | | | |

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

| Name of person completing this form (please print) David Shore | Official Title Vice President | |
|--|-------------------------------|-------------------|
| Signature | Telephone No. | Date (dd-mm-yyyy) |
| Dalor | 416-749-1372 | 01-02-2012 |

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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

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

| Description of the maximum volume, types and storage location of other hazardous materials on site, if any. |
|--|
| TVOTE |
| |
| |
| Description of fire and emergency equipment indicated on facility site map. |
| A-B-C Fire Extinguishers. |
| 1- Located @ propane tank |
| 2 - Located in Plant |
| 1- Located in furnace room |
| List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.) |
| and describe their function, use and operation. |
| 1- Fusible link on ISC - isolation valve between the tank and the downstream propane dispensing equipment. |
| 2. Emergency Shut Off - at propane tank. This shuts down the pump and closes a solenoid valve upstream of hoses. |
| 3 Power supply breaker panel inside the building. This cuts all power to the propane system - shuts down pump; closes solenoid valve. |
| Maintenance and testing schedule for fire protection controls and devices. Maintenance and testing is undertaken by Superior Propane according to Superior 's Maintenance Standards. Schedule for key equipment is: |
| 1- Pumps - (pumps every 3 months; pump motor: check belts monthly; grease pump every 6 months). |
| 2- ISC valve (test for closure every 6 months.) |
| 3- Storage tank Relief Valves - inspected every 2 years; replacement schedule as per provincial regulations. |

| Name of person completing this form (please print) David Shore | Official Title Vice President | |
|--|-------------------------------|-------------------------------|
| Signature Dank 8he | Telephone No. 416-749-1372 | Date (dd-mm-yyyy) 01-02-20(2 |



14th Floor - Centre Tower 3300 Bloor Street West Safety Authority 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)

1. Contacts for Emergency Response

| 1. Facility Contact Personnel - Key Co | ontact | 5. Facility 24-Hour Contact Perso | en) | |
|--|----------------------------|---|----------------------------|--|
| Name David Shore | | Name David Shore | | |
| Official Title Vice President | | Official Title Vice President | | |
| | ix No. 5-749-1371 | Cell No. 647-284-4411 | Fax No. 416-749-1371 | |
| E-mail dshore@ingot.ca | | E-mail dshore@ingot.ca | | |
| Role and responsibilities in emergency | | Role and responsibilities in emergency | | |
| Co-ordinate site response plan (ERP) | | Co-ordinate site response plan (ERP) | | |
| 2. Facility Contact Personnel - Altern | ate Contact | 6. Name of Facility Manager | | |
| Name Doug Scott | | Name Doug Scott | | |
| Official Title Plant Manager | | Official Title Plant Manager | | |
| | x No. 6-749-1371 | Telephone No. 416-781-8891 | Fax No. 416-749-1371 | |
| E-mail dscott@ingot.ca | | E-mail dscott@ingot.ca | 3 | |
| Role and responsibilities in emergency | | Role and responsibilities in emergency | | |
| Co-ordinate site response plan (ERP) | | Co-ordinate site response plan (ERP) | | |
| 3. Local Fire Services - Key Contact | | 7. Propane Supplier Key Contact F | Person | |
| Name Frank Lamie | For Office Use - Party No. | Name Superior Propane Hot Line | For Office Use - Party No. | |
| Official Title Deputy Fire Chief - Prevention | | Official Title | | |
| | x No. 3-338-9460 | Telephone No. 877-873-7467 | Fax No. | |
| E-mail flamie@toronto.ca | | E-mail n/a | | |
| Role and responsibilities in emergency | | Role and responsibilities in emergency | | |
| Coordinate Emergency Response / advise of | on Fire Service | Identify and dispatch Superior Propane and or LPERGC emergency response | | |
| Response. Liase with police services. | | personal as required | 7 | |
| 4. Local Fire Services - Alternate Cont | | 8. Municipal Contact | 1 | |
| Name Stoops For Office Use - Party No. Name Ulli Watkiss | | | | |
| Official Title Division Chief | | Official Title City Clerk | | |
| | x No. 5-338-9060 | Telephone No. 416-392-8010 | Fax No. 416-392-2980 | |
| E-mail jstoops@toronto.ca | | E-mail clerk@toronto.ca | | |
| Role and responsibilities in emergency | | Municipality | | |
| Coordinate Emergency Response when key contact is not available and liaise with police services. | | City of Toronto | | |

| Name of person completing this form (please print) | Official Title | | |
|--|----------------|-------------------|--|
| David Shore | Vice President | | |
| Signature | Telephone No. | Date (dd-mm-yyyy) | |
| Ocist 8 Ce | 416-749-1372 | 01-02-2012 | |



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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. |
|--|
| E-stop located @ the dispenser area to cut the electrical in the event of an emergency, shutting the power of to the solenoid stopping the flow of propane. |
| E-stop located @ the dispenser area to cut the electrical in the event of an emergency, should dispense area to cut the electrical in the event of an emergency, should dispense a second dispenser area to cut the electrical in the event of an emergency. |
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| Name of person completing this form (please print) David Shore | Official Title Vice President | |
|---|-------------------------------|-------------------|
| Signature 0 4 C4 | Telephone No. | Date (dd-mm-yyyy) |
| Oad She | 416-749-1372 | 01-02-2012 |

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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)

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: | | |
| None | Print Name of Instructor: | | |
| 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: | | |
| None | Print Name of Instructor: | | |
| 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: FSN Training & Development Inc. | Please Note - a ROT is valid for 3 years | |
| 08-03-2011 | Print Name of Instructor: Jack Trayling # 5191 | | |
| 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 | |
|--|----------------|-------------------|
| David Shore | Vice President | |
| Signature | Telephone No. | Date (dd-mm-yyyy) |
| Dard 8he | 416-749-1372 | 01-02-2012 |



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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 | esponse Plan and Procedures provided to facility key contacts. | |
|-------------------------------|---|--|
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: Superior Propane or Alternate | Please note: Canadian Propane Gas Association |
| 01-2012 | Print Name of Instructor: to be arranged | is currently developed the course |
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: | content and it and its provider is available to |
| | Print Name of Instructor: | taught in the first quarter of this year (2012). |
| 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: Key Contact to train staff | |
| Q1-2012 | Print Name of Instructor: to be arranged | |
| 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 pro | ovided to certificate holders/persons with Records of Training. | |
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: FSN Training & Development | Inc. Please Note - a ROT is valid for 3 years |
| 08-03-2012 | Print Name of Instructor: Jack Trayling # 5191 | Note: To call training provider if any training is requi |
| Target Date (dd-mm-yyyy) | Print Name of Training Provider: | in 2012 |
| | 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 | |
|--|----------------|-------------------|
| David Shore | Vice President | |
| Signature | Telephone No. | Date (dd-mm-yyyy) |
| Dad 8 Le | 416-749-1372 | 01-02-2012 |



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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.

5. Emergency Response Communications Plan

| Warnings and Actions |
|---|
| Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate). The operator or Alternate will contact emergency services by calling 911 and will provide warnings outlined in the attached: "Propane Emergency Response |
| Procedures" placard (to be posted on site and part of the employee training). If it is safe to do so this could involve advising neighbors to evacuate. The |
| owner/operator may also contact Superior Propane via the emergency number identified in the ERP. |
| 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 owner /operator or alternate should first follow the actions in the ERP provided herein. Stage evacuation, if the release of propane cannot be stopped |
| by culting electrical power may be required. Note a specific muster point is not advisable, since a propane plume can blow in any direction. |
| Actions will be taken by an on duty ROT person(s) |
| 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 |
| 1 |
| When the system is operational, a ROT person will be on duty and be in the propane tank area. This person will be able to visually ascertain any abnormal |
| accident event and implement the appropriate emergency response actions. When the system is not in operation, the ISC valve (main isolation valve) is |
| closed, and the propane system is unattended. Any accident involving the propane tank during such times will require the intervention of random, nearby |
| individuals |
| Describe provisions for fire department entry when there are no operations or staffing at the propane site. The propane tank system is located in a wide open area that is easily accessible. |
| The fire access routes are identified in the attached site plan. |
| |
| |
| Describe how the licence holder will ensure continual flow of updated information to authorities. The critical information required from the license holder is (a) how to shut the system down and (b) the fill level in the tank (if known) |
| Fill level is relevant from a time-to-BLEVE perspective (a near empty tank will BLEVE sooner than a full tank if there is a fire impingement on the tank). |
| This information will be provided to the authorities by David Shore or alternate. |
| |
| How long will it take the facility liaison person to respond to the site. Key Contact: - 30 minutes to arrive at the facility in the event of an emergency |
| Ney Contact 50 minutes to across state bondy in the cross state across state acr |
| |

| Name of person completing this form (please print) David Shore | Official Title Vice President | |
|---|-------------------------------|-------------------|
| | Telephone No. | Date (dd-mm-yyyy) |
| Signature | 416-749-1372 | 01-02-2012 |

Technical Standards and Safety Authority www.tssa.org

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

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

Toronto Ontario M8X2X4 Propane Storage and Handling Regulation Fax: 416.231.4903
Customer Service: 1.877.682.8772

| 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 | | | |
|--|--|--------------|--------------|
| ia pilanyai | o. Duilding and one occurry and Hosediles | Vac | No |
| 1. | Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)? | Yes | No |
| 2. | Is there adequate night lighting at the site? | \checkmark | |
| 3. | Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials? | \checkmark | |
| 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? | \checkmark | |
| 5. | Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders? | | √ |
| 6. | Are weighing systems validated for accuracy? | | \checkmark |
| 7. | Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)? | \checkmark | |
| 8. | Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves) | 1 | |
| 9. | Is the schedule of maintenance and testing activities retained on site? | ✓ | |
| | 7. Water Supply | | |
| | | | |
| The sup | propane licence holder should work with the local fire department to determine water ply 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? | | ✓ |
| 2. | Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location? | 1 | |
| 3. | What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only) | 190 m fir | e hydrant |
| 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 | |

| Name of person completing this form (please print) David Shore | Official Title Vice President | |
|--|-------------------------------|-------------------------------------|
| Signature Dad She | Telephone No. 416-749-1372 | Date (dd-mm-yyyy) 0 -0 2 - 2 0 1 2 |

Technical * Standards and Safety Authority Fax: 416.231.4903 www.tssa.org

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

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

8. Licence holder and local Fire Services Review

| To be completed by the Local Fire Services Has the local fire service had an opportunity to review the Emergency Re If not, please explain (e.g., no fire services). | Yesponse and Preparedness Plan? | s 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:(dd-mm-yy | ry) |
| | | |
| LOCAL FIRE The undersigned has reviewed Section B of the Risk and Safety M | | |
| Print name Local Fire Services Name | Signature | Date (dd-mm-yyyy) |

| Name of person completing this form (please print) David Shore | Official Title Vice President | * |
|---|-------------------------------|-------------------------------|
| Signature Dand The | Telephone No. 416-749-1372 | Date (dd-mm-yyyy) の1-02-201と |



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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:

- 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.
- Location of emergency shut off/shut down switches/valves.

Map of Surrounding Area.

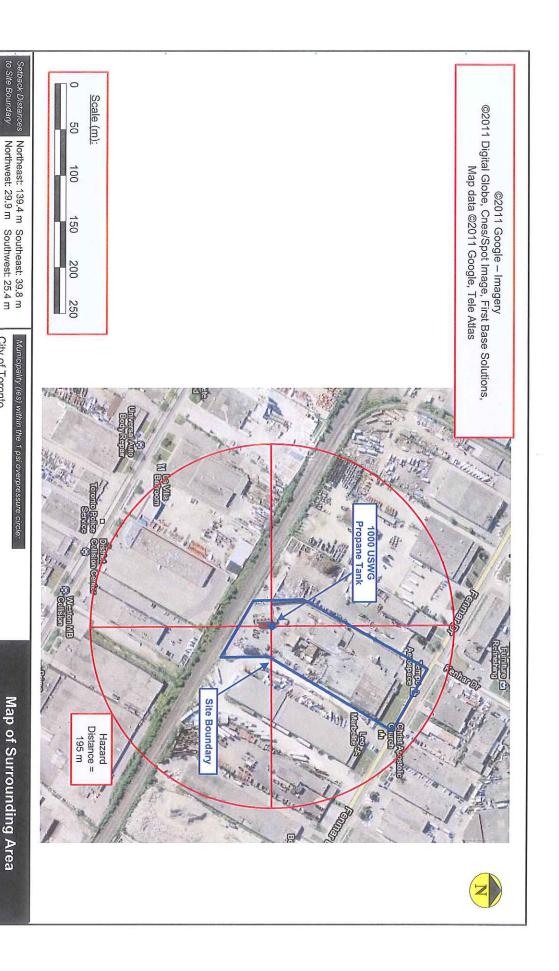
The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

- 7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
- GPS co-ordinates of the single largest vessel. 8.
- 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 23-01-2012 | nm-yyyy) | Capacity of single largest propane storagevessel (USWG) | | storagevessel (USWG) |
|---------------------------------------|-----------------------------|--|-------------------|----------------------|
| Tank setback coordinates. | Indicate placeme 139.4 m | | le property line: | 29.9 m |
| | 25.4 m | M. 1.50 - 10.100 - 10 | property line: | 39.8 m |
| GPS coordinates of single | largest vessel: | 43.75821 -79.55 | | |

| Thereby deolare that the inform | | |
|--|----------------|-------------------|
| Name of person completing this form (please print) | Official Title | |
| David Shore | Vice President | |
| Signature 2 1 01 | Telephone No. | Date (dd-mm-yyyy) |
| Dard She | 416-749-1372 | 01-02-2012 |



Denoted by circle centred on tank; radial distance = 195 m

GPS Co-ordinates = 43.75821,-79.55

Uli Watkiss
City Clerk, City of Toronto
100 Queen St. W., 13th Floor West, Toronto, Ontario, M5H 2N2
Tel: 416-392-8010 Fax: 416-392-2980

email: clerk@toronto.ca

Drawn by: L. Wills

Date: January 23, 2012

Borough of North York, Regional Municipality of York

BLOCK B REG'D PLAN 5935

Legal Description

111 Fenmar Dr. Weston, ON M9L 1M3

The Ingot Metal Co. Ltd.

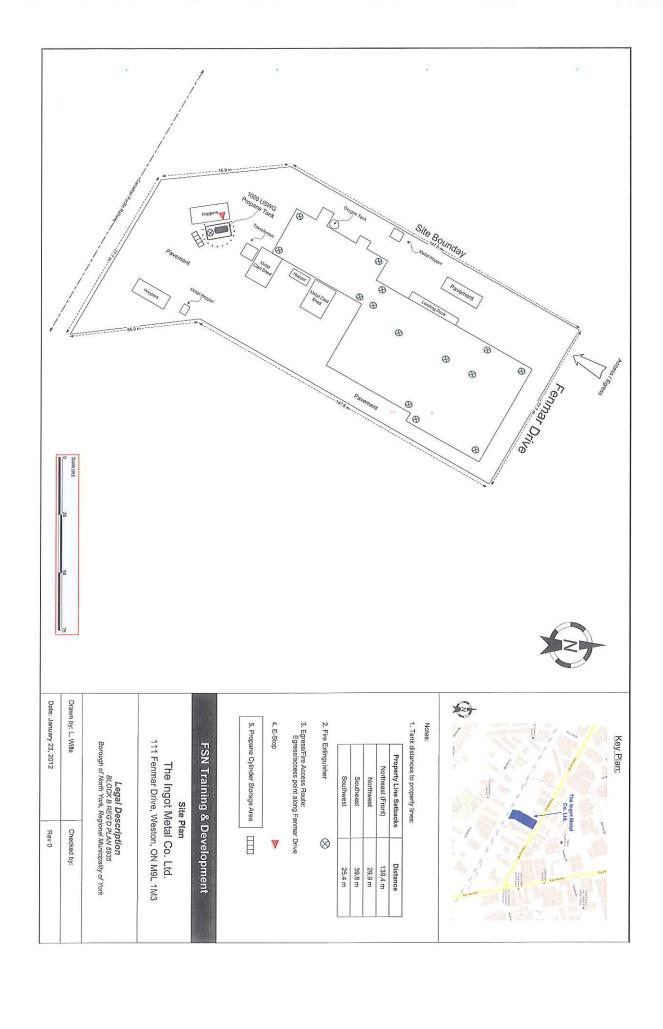
Map of Surrounding Area

Capacity of Propane Storage Tank = 1000 USWG

Capacity of Propane Storage Tank:

City of Toronto

Municipal Contact:





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 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:

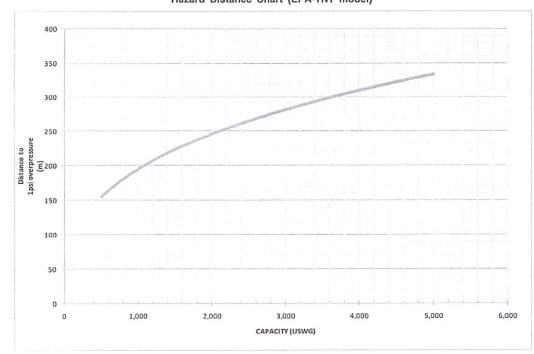
Density of Propane is 0.5033 kg per litre @ 15 C

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) David Shore | Official Title Vice President | | | |
|--|-------------------------------|------------------------------------|--|--|
| Signature Dad She | Telephone No. 416-749-1372 | Date (dd-mm-yyyy) 01 -0 2 -2 0 (2 | | |



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SECTION C: SUBMISSIONS (cont'd)

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

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

Table 2: Buildings and Features

| E | Buildings and Features Present within the Circle on the Map of the Surrounding Area | | * Number of Buildings and Features (mark with an "X") | | | Distance from Tank to Closest Building or |
|-----------------------|---|-----|---|------|-----|---|
| | AND Name and Address of Closest Building or Feature | 0 | 1 | 2-10 | 11+ | Feature |
| Name: | buildings or parks or golf courses Henry Ware House and Rail 99 Fenmar Drive North York Province On Postal Code M9L 1M3 | | | | x | m |
| Name: | al building units specifically permanent single family dwellings, condominiums, and apartments. None | × | | | | m |
| | Province Postal Code | | | | | |
| Name: | al building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Fenmar Cafe 122 Fenmar Drive North York Province On Postal Code M9L 1M3 | | | х | | m |
| Name: | al building units – continuous occupancy specifically hotels, campgrounds, and resorts. None | × | | | | m |
| City: | Province Postal Code Postal Code | | | | | |
| institutions Name: | institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health s, and prisons. None | - x | | | | m |
| Address: City: | ProvincePostal Code | | | | | |
| Name: | ey responders specifically fire stations, ambulance stations, and police stations. Fire Station 411 | | v | | | 300 m |
| Address: | 75 Toryork Drive | - | × | | 1 | |
| City: | North York Province On Postal Code M9L 1X9 | _ | | | 1 | |

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

| Name of person completing this form (please print) | Official Title | |
|--|----------------|-------------------|
| David Shore | Vice President | |
| Signature | Telephone No. | Date (dd-mm-yyyy) |
| Dad She | 416-749-1372 | 01-02-2012 |



Technical Standards and Safety Authority Fax: 416.231.4903

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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 | 0 | 0 |
| # 100 | 29.5 | 5 | 147.5 |
| # 40 | 11.75 | 0 | 0 |
| # 33.3 | 9.62 | 14 | 134.68 |
| # 30 | 8.8 | 0 | 0 |
| # 20 | 5.8 | 0 | 0 |
| # 10 | 2.9 | 0 | 0 |
| # 5 | 1.5 | 0 | 0 |

Tanks Stored On-site Not Connected for Use

| Tank Size In USWG | Q | uantity | Total Volume in USWG | |
|--|---------------|---------|----------------------|--|
| 0 | 0 | | 0 | |
| No. of the state o | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total Tank Capacity 0 | | | - | |
| Total Cylinder Capacity | | 282.18 | | |
| Total Tank Capacity | Tank Capacity | | | |
| Total Portable Capacity | | 282,18 | | |

| Name of person completing this form (please print) David Shore | Official Title Vice President | | | | |
|--|-------------------------------|---|--|--|--|
| Signature Dad 82e | Telephone No. 416-749-1372 | Date (dd-mm-yyyy) ○ /- ○ 2 - Z ○ (` _ | | | |