

# Office of the Fire Commissioner



## CONSTRUCTION HEATER GENERAL INSTALLATION CHECK LIST

The following are general requirements that must be completed for the installation and start-up of a construction heater.

**\*\*\* Please keep this checklist with the unit and make it available to ITS upon request.\*\*\***

\*\*\*Please note that ALL requirements set forth in CSA B149.1-15, B149.2-15, B139-15, Manitoba Acts, Regulations, Manufacturer's Instructions, and any additional applicable Codes or Standards not included on this checklist must be upheld.\*\*\*

All Construction Heaters, regardless of size, are subject to an inspection by an ITS inspector.

INSTALLATION INFORMATION	
Installation Address	
Gas/Oil Permit Number	
Rental company (if applicable)	

APPLIANCE IDENTIFICATION	
Manufacturer	
Model Number	
Serial Number	
Input	

APPLIANCE LOCATION ON SITE	
Sketch of location of appliance	
Site plan with location of containers	
If vaporizer on site, provide location	

PERMITS			
A – SAFETY CHECKS – Permits:	YES	NO	N/A
1. Tanks Set Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Appliance Electrical Permit Obtained from ITS (if required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B – SAFETY CHECKS – Certifications:	YES	NO	N/A
1. Appliances, accessories and components are certified by recognized bodies (CSA B149.1-15: 4.1.3)			
2. Hose is certified for the intended use and neither less than 15 ft. (4.6m) nor more than 75 ft. (24m) in total length (CSA B149.1-15: 6.20)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. All manufacturer instructions/installation/service manuals are available on site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. The Gas Fitter has instructed the user in the safe and correct operation (CSA B149.1-15: 4.3.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. All containers are designed and constructed according to applicable codes and standards (CSA B149.2-15: 3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Rating plate are legible and intact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>C – SAFETY CHECKS – CSA B149.1 Installation Requirements:</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
1. Protection installed where physical damage can be incurred (CSA B149.1-15: 4.23)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. All service clearances are in accordance with manufacturer's instructions and CSA B149.1-15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Underground piping, tubing or fittings are protected from damage (trench properly graded, fill material free from sharp objects, etc.) and are protected against corrosion (CSA B149.1-15: 6.15, 6.16)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Pressure test performed (CSA B149.1-15: 6.22.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Venting is free from hazards (away from electrical, containers, appliance air intakes, etc.) and is vented to atmosphere	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. All relief valves function correctly and are rated for the intended use (CSA B149.1-15: 4.1.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Excess flow valve and correct size of downstream piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Tank manual isolation valve(s) (ratings and pressures checked in relation to hydrostatics) (CSA B149.1-15: 4.1.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Regulators are correctly installed, in the proper position, and are adequately supported (CSA B149.1-15: 5.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Piping allows for movement, expansion and contraction (CSA B149.1-15: 6.16.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Appliance clearances to combustible material maintained (CSA B149.1-15: 4.13)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Appliance and containers are installed in an area where physical damage can be incurred, the appliance shall be protected from such damage. (CSA B149.1-15: 4.23, CSA B149.2-15: 4.119, 5.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I certify that the above information is true and correct and that the installation complies fully with Manitoba Regulation 104/87R, and all codes and standards referenced within.

\_\_\_\_\_  
**Name of Gas Fitter**

\_\_\_\_\_  
**Signature of Gas Fitter**

\_\_\_\_\_  
**Gas Licence Number**

\_\_\_\_\_  
**Phone number**

\_\_\_\_\_  
**Date**

**Please maintain a completed and signed copy of this Construction Heater Checklist with every unit installed.**