

Office of the Fire Commissioner



CONSTRUCTION HEATERS GENERAL CHECK LIST (Revision Date: October 3, 2019)

The following general requirements must be met in order to be considered for a start-up of a Construction Heater by Inspection and Technical Services Manitoba (ITSM).

***** 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 sections of this form must be completed and signed by a licensed Gas/Oil Fitter and submitted to ITS for review and approval prior to starting up the appliance on-site.

All Construction Heaters that are given approval to start-up based on the content of this form are still subject to field inspection of an ITS inspector.

INSTALLER'S INFORMATION	
Date (mm/dd/yy)	
Gas/Oil Fitters Name	
Phone Number	
Gas/Oil Fitter Licence Number	
Gas/Oil Permit Number (if applicable)	
Rental company	

APPLIANCE IDENTIFICATION	
Manufacturer	
Model Number	
Standard Built (if applicable)	
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 applicable	<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) (CSA B139.1.0:15: 4.1.2)			

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) (CSA B139.1.0:15: 5.2.1.6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. All manufacturer instructions/installation/service manuals are available on site) (CSA B139.1.0:15: 4.2.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. The Gas/Oil Fitter has instructed the user in the safe and correct operation (CSA B149.1-15: 4.3.3) (CSA B139.1.0:15: 4.2.2)	<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) (CSA B139.1.0:15: 6.2.1.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Rating plate are legible and intact (CSA B139.1.0:15: 4.8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C – SAFETY CHECKS – CSA B149.1 Installation Requirements:	YES	NO	N/A
1. Protection installed where physical damage can be incurred (CSA B149.1-15: 4.23) (CSA B139.1.0:15: 4.16.2)	<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) (CSA B139.1.0:15: 4.14)	<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) (CSA B139.1.0:15: 5.2.1.8,9)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Pressure test performed (CSA B149.1-15: 6.22.2) (CSA B139.1.0:15: 9.5.4)	<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) (CSA B139.1.0:15: 9.6)	<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) (CSA B139.1.0:15: 5.4.3)	<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) (CSA B139.1.0:15: 5.2.6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Appliance clearances to combustible material maintained (CSA B149.1-15: 4.13) (CSA B139.1.0:15: 4.14)	<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) (CSA B139.2:15: 7.3.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I certify that the above information is true and correct and complies with Manitoba Regulation 104/87R

Name of Gas/Oil Fitter

Signature of Gas/Oil Fitter

Date

Please submit a signed copy of the Construction Heater Checklist List by one of the following three methods:

Mail: The Office of the Fire Commissioner

Inspection and Technical Services 508 – 401 York Avenue, Winnipeg MB R3C 0P8

Fax: 204.948.2089

Email: firecomm@gov.mb.ca