

CONSTRUCTION HEATER INSPECTION CHECKLIST

SECTION A: IDENTIFICATION (If the name plate is missing or illegible the heater must be either recertified or scrapped)

MANUFACTURER'S **ULC**

MODEL # _____ NAME: _____ SERIAL # _____
(If applicable)

COMPANY # _____ **MANUFACTURER'S** SERIAL # _____
(If applicable)

SECTION B: SAFETY CHECKS
HEATERS WITH "BASO" FLAME
SAFEGUARD VALVE

- | | ACCEPTABLE | YES | NO | N/A |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| 1. Does the body of the heater, including the screen protectors, the inner barrel, and the support legs appear to be in good shape? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the hose assembly in good condition and free of cracks, splits, or burns? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Has the strainer been checked and cleaned within the past year? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Is there a certified (CGA/ULC/ULAGA) P.O.L. excess flow fitting? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is the proper regulator installed and is it free of damage and/or tampering? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

CONNECT THE REGULATOR ASSEMBLY TO THE PROPANE SUPPLY AND TURN ON THE GAS:

6. Prior to ignition, have all connections and fittings from the propane supply to the "BASO" Safety Valve been tightened, checked and found to be gas tight?

IGNITE THE HEATER AS PER THE INSTRUCTIONS ON THE NAME PLATE:

7. Is the flame adjusted so that it is normal in strength and composition and is it firing towards the center of the burner tube?
8. Is the regulator pre-set to the maximum allowable pressure and can the flame strength be controlled by the regulator adjusting stem?
9. Have the tilt switches been checked to ensure that the burner and/or heater shuts down when the heater is tilted to either side at an angle greater than 30°?

SHUT OFF THE PROPANE SUPPLY AND WAIT 40-60 SECONDS FOR THE THERMOCOUPLE TO COOL DOWN:

10. Has the BASO safety valve "clicked" indicating the valve has closed? (If NO, clean or replace the BASO valve, leak check the valve train, and repeat the step)

TURN ON THE PROPANE SUPPLY AGAIN:

11. Without engaging the BASO, check at the burner and/or orifice with an ignition device, is there any sign of escaping gas? (If YES, clean or replace the BASO valve, leak check the valve train, and repeat the step)

SECTION B: SAFETY CHECKS
HEATERS WITH ELECTRONIC FLAME
SAFEGURAD CONTROLS

- | | ACCEPTABLE | YES | NO | N/A |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| 1. Does the body of the heater, including the screen protectors, the barrel, and the support legs appear to be in good shape? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Are all fasteners for the burners, motor, control panel, etc. in place properly and tightened? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the hose assembly in good condition and free of cracks, splits, or burns? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Has the strainer been checked and cleaned within the past year? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Is there a certified (CGA/ULC/ULAGA) P.O.L. excess flow fitting? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the proper regulator installed and is it free of damage and/or tampering? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Have the solenoid valve(s) been checked and cleaned within the past year? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

CONNECT THE HEATER TO THE FUEL SUPPLY AND TURN ON THE GAS:

8. Prior to ignition, have all connections and fittings from the gas supply to the solenoid valves been checked, tightened, and found to be gas tight?

IGNITE THE HEATER AS PER THE INSTRUCTIONS ON THE NAME PLATE:

9. Do the burner ports and/or orifice(s) appear to be free of blockage?
10. Are the inlet and manifold gas pressures adjusted to operating pressures as specified on the name plate of the heater?
11. Is the flame adjusted so that it is normal in strength and composition?
12. Has the air proving switch been adjusted to its proper operating setting? (That is, with approximately 1/2 to 5/8 of the fan inlet blocked and the burner and/or heater shuts down)
13. Has the high limit switch been checked to ensure it functions to shut down the burner and/or heater? (Do not use a torch or other high temperature source to perform this check)
14. Have the tilt switches been checked to ensure that the burner and/or heater shuts down when the heater is tilted to either side at an angle greater than 30°?

CLOSE THE GAS SUPPLY AND RE-OPEN IT AFTER WAITING 15 SECONDS:

15. Does the flame safeguard control function to lock out the solenoid valve(s), cancel the ignition cycle and positively stop the flow of gas?

SECTION C: WORK PERFORMED ON HEATER (If available, provide the Work Order Number only)

SECTION D: CERTIFICATION

Branch Name _____ Date of Inspection _____ Signature: _____