

**GRINNELL MUTUAL REINSURANCE COMPANY**  
**Grinnell, Iowa**  
**SOLID FUEL BURNING CHECKLIST**

Insured: \_\_\_\_\_ Policy #: \_\_\_\_\_

Address: \_\_\_\_\_  
 \_\_\_\_\_

Phone Number: \_\_\_\_\_ Model Number of Heating Appliance \_\_\_\_\_

Name of Manufacturer: \_\_\_\_\_ Manufacturers Phone Number \_\_\_\_\_

Installer of Unit: \_\_\_\_\_ Manufacturers Website Address (if applicable) \_\_\_\_\_

Is this a Listed Unit (according to UL standards)?  Yes  No (If No, GMRC does not recommend insuring)

Unit Listed by \_\_\_\_\_

**CLEARANCE FROM COMBUSTIBLE WALLS:**

If a listed unit, is it installed the proper distance to combustible material as listed on the name plate?.....  Yes  No

If the above is No, the following are approved clearance reduction systems. ONE of the following should be checked. Use the distances for **listed** (according to UL standards) units only.

	<u>FROM WALL</u>	<u>FROM CEILING</u>		
3½ inch masonry wall without ventilated air space .....	24"		<input type="checkbox"/> Yes	<input type="checkbox"/> No
½ inch noncombustible insulation board over 1 inch glass fiber or mineral wool batts without ventilated air space .....	18"	24"	<input type="checkbox"/> Yes	<input type="checkbox"/> No
24 gauge sheet metal over 1 inch glass fiber or mineral wool batts reinforced with wire or equivalent on rear face with 1 inch ventilated air space .....	12"	18"	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3½ inch masonry wall with 1 inch ventilated air space .....	12"		<input type="checkbox"/> Yes	<input type="checkbox"/> No
24 gauge sheet metal with 1 inch ventilated air space .....	12"	18"	<input type="checkbox"/> Yes	<input type="checkbox"/> No
½ inch noncombustible insulation board with 1 inch ventilated air space .....	12"	18"	<input type="checkbox"/> Yes	<input type="checkbox"/> No
24 gauge sheet metal with 1 inch ventilated air space over 24 gauge sheet metal with ventilated air space .....	12"	18"	<input type="checkbox"/> Yes	<input type="checkbox"/> No
1 inch glass fiber or mineral wool batts sandwiched between two sheets of 24 gauge sheet metal with 1 inch ventilated air space .....	12"	18"	<input type="checkbox"/> Yes	<input type="checkbox"/> No

If none of the above are Yes, what are the clearances? From wall? \_\_\_\_\_ From ceiling? \_\_\_\_\_

Is miscellaneous combustible material the proper distance from the appliance? .....  Yes  No

**CLEARANCE FROM COMBUSTIBLE FLOORS:**

Does floor protection extend 18 inches outward on all sides of the appliance?.....  Yes  No

Three types of floor protection are required depending on the distance of the unit's fire box to combustible floor. ONE of the following should be checked.

Greater than 6 inches between unit and floor, is there at least a 2 inch thickness of brick, concrete or stone covered by 24 gauge steel?.....  Yes  No

2 to 6 inches between unit and floor, is there 4 inches of hollow masonry laid for air circulation covered by 24 gauge steel? .....  Yes  No

Less than 2 inches between unit and floor, is there no combustible material under the unit?.....  Yes  No

If none of the above are Yes, what are the clearances? \_\_\_\_\_

**CONNECTING (STOVE) PIPE:**

Is all of the stove pipe visible from the woodburner to the chimney? .....  Yes  No

Is the stove pipe as short and straight as possible, and have a horizontal run not longer than 75% of the height of the chimney above the connector? .....  Yes  No

Is the stove pipe 24 gauge steel or heavier metal? .....  Yes  No

Is there a minimum slope of ¼ inch per foot from the appliance up to the chimney? .....  Yes  No

Is the stove pipe as large as the outlet size of the appliance? .....  Yes  No

Is the stove pipe void of a **heat reclaimer**?.....  Yes  No

Is a damper installed in the stove pipe? .....  Yes  No

**CONNECTING (STOVE) PIPE CLEARANCE FROM COMBUSTIBLES:**

Clearance to unprotected combustible material ..... 18 inches  Yes  No

If the above is No, the following are approved clearance reduction systems. ONE of the following should be checked.

**FROM WALL FROM CEILING**

- 24 gauge sheet metal spaced out one inch..... 6" 9"  Yes  No
- 3 1/2 inch thick masonry wall..... 12"  Yes  No
- 24 gauge sheet metal over one inch glass fiber or mineral wool batts reinforced with wire, or equivalent, spaced out one inch..... 6" 9"  Yes  No

If none of the above are Yes, what are the clearances? \_\_\_\_\_

**CONNECTING (STOVE) PIPE CLEARANCE PASSING THROUGH COMBUSTIBLE WALLS:**

Check ONE of the following if stove pipe passes through combustible wall.

Sections of listed factory-built chimney installed the proper distance as marked on the chimney section ..  Yes  No

All combustible material cut away from connector to maintain 18 inch clearance, noncombustible material used to close up such openings.....  Yes  No

**CHIMNEY:**

- Type of approved Chimney:  Masonry with approved liner  Listed metal triple wall all fuel  Listed metal insulated all fuel  Listed prefabricated all fuel (non-metal)

Name brand of chimney: \_\_\_\_\_

If none of the above, explain: \_\_\_\_\_

Does the chimney have a 2 inch clearance from all combustibles, such as joists, rafters, wall panels? .....  Yes  No

Does a **separate** chimney serve only the woodburning appliance?.....  Yes  No

Is the chimney void of any obstructions or bends? .....  Yes  No

If No, explain: \_\_\_\_\_

Is the flue (chimney) size as large as the connecting (stove) pipe? .....  Yes  No

Is there an air-tight connection around the stove pipe into the flue (chimney) inlet? .....  Yes  No

When was creosote last cleaned from chimney? \_\_\_\_\_

Creosote should be cleaned monthly, when 1/4" accumulation is noted or as often as necessary.

Is the chimney at least 3 feet above the roof and 2 feet above any roof surface within 10 feet?.....  Yes  No

Is the chimney located outside or inside the dwelling? \_\_\_\_\_

General condition of chimney:  Unacceptable  Good  Excellent

Are ashes stored in a metal container with lid, sitting on a noncombustible surface? .....  Yes  No

Is at least one 10-pound ABC dry chemical fire extinguisher available?.....  Yes  No

Are smoke detectors installed in all levels of the dwelling? .....  Yes  No

Are carbon monoxide detectors installed in the dwelling?.....  Yes  No

Is the solid fuel burning device located in the garage? (if it is, it should be removed) .....  Yes  No

Describe the overall condition of the risk: \_\_\_\_\_

Would you recommend this risk? .....  Yes  No

If No, explain: \_\_\_\_\_

Inspector \_\_\_\_\_ Date of Inspection \_\_\_\_\_

Hazards discussed with insured? .....  Yes  No

Loss Control Report delivered to insured? .....  Yes  No

**Any ONE of the questions checked No is a deficiency and can cause serious fire problems. If hazards checked as No are not corrected, consideration should be given to not insuring the risk.** Consult NFPA No. 211 on the correct installation procedure for hazards noted on this form.

**Attach a sketch or picture showing distance of connecting pipe and unit from combustibles. Show floor protection, sidewall protection, etc.**