

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

3½ 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 ¼" 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.