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EXEMPTION APPLICATION
FROM
RENTAL WEATHERIZATION STANDARDS
 Section 101.122, Wisconsin Statutes
CEILING, WALLS, BOX SILL, FLOOR INSULATION

DEPARTMENT OF COMMERCE
 Safety and Buildings Division
 P.O. Box 7302
 Madison, Wisconsin 53707
 (920) 854-7405

NAMES OF ALL OWNERS			ADDRESS OF RENTAL UNIT			PREPARER OTHER THAN OWNER		
OWNER'S ADDRESS			NUMBER OF DWELLING UNITS			PREPARER'S ADDRESS		
CITY	STATE	ZIP	CITY			CITY	STATE	ZIP
OWNER'S TELEPHONE NUMBER ()			COUNTY			TELEPHONE NUMBER ()		

Applications for exemptions must be made on this form. **ONLY ONE EXEMPTION MAY BE REQUESTED ON EACH FORM.** The worksheet within this application estimates the energy saved from the envelope measures required by Ch. 67.05. Other nonenvelope cost payback calculations may be approved by the Department. The final acceptance of cost payback shall be made by the Department.

TO APPLY FOR AN EXEMPTION - Each request for an exemption must include:

1. **A completed application.**
2. **5-Year payback calculations (Worksheet on pages 2, 3, & 4 or other documented method).
(Note: Separate calculations should be done for supply and/or return ducts.)**
3. **Drawings or pictures depicting the conditions.**
4. **Documentation of unit fuel cost (Fuel billing less than 6 months old).**
5. **Cost estimate of the conservative measure (Signed by contractor).**
6. **Owner's signature and date signed.**
7. **\$25 Application fee (Make checks payable to Dept. of Commerce, Safety and Buildings Division).**
8. **Send to Dept. of Commerce, Rental Weatherization, P.O. Box 7302, Madison, Wisconsin 53707.**

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The Department will determine eligibility for an exemption in accordance with COMM 67.06 of the Wisconsin Administrative Code. Upon determination of eligibility, the office will issue a letter of exemption which must be presented to the inspector performing the compliance inspection.

Calculation Procedures for Exemption Form

The following portion of the application is used to calculate savings for envelope energy conservation measures required by Ch. COMM 67. Worksheet uses estimating methods specified by Ch. 67.

1. Refer to Fig. 1. Enter the zone number for the rental unit. 1a)
 Enter the degree days/year. 1b)
2. Enter the coefficient found in Table 1 referring to your type of fuel. Coefficient = 2)
 Units = (fuel units x hour) / (day x Btu)
3. Multiply line 1b, the number DD, times the coefficient, line 2. (1b) x (2) = 3)
 Units = (fuel units x hour x F/Btu-year)
4. Enter your cost for one unit of fuel. (In \$ per gallon, \$ per KWH, \$ per CCF, \$ per cord of wood). \$/Fuel Unit = 4)
5. Multiply line 3 by line 4. (3) x (4) =- 5)

NOTE: *All the information needed to complete #1 - #5 can be found in Figure 1, Table 1, and a heating fuel utility bill from the most current heating season.

TABLE 1 - Fuel Coefficiencies (Line 2)

FUEL	COEFFICIENT
LP	.00239
Oil	.00158
Natural Gas	.00218
Electricity	.03516
Wood	8.65×10^{-6}

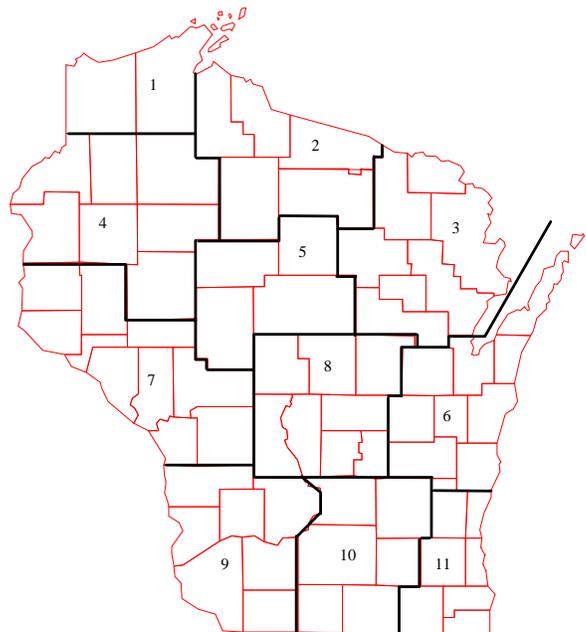
NOTE: These coefficients account for the heating value of the fuel and the annual furnace efficiency.

FIGURE 1

Degree Days Per Year

Wisconsin Division
of State Energy
Degree Day Zones

- Zone 1 - 8960
- Zone 2 - 9128
- Zone 3 - 8608
- Zone 4 - 8686
- Zone 5 - 8354
- Zone 6 - 8089
- Zone 7 - 8330
- Zone 8 - 7872
- Zone 9 - 7466
- Zone 10 - 7673
- Zone 11 - 7324



6. The ceiling of your rental unit may be comprised of several different types of construction. It may have one or more of the following types of construction: flat roof, sloped roof, or roof with attic space. Transfer the appropriate ΔU -value from Table 2 to line 6a. Only fill out the construction types which are applicable to your rental units.

	ROOF W/ATTIC	SLOPED ROOF	FLAT ROOF	
6a) Refer to Table 2 and enter the change in U (ΔU) due to insulation.	6a) <input type="text"/>	<input type="text"/>	<input type="text"/>	
6b) Carefully measure the ceiling area of each type of construction in your rental unit and enter here (sq. ft.).	6b) <input type="text"/>	<input type="text"/>	<input type="text"/>	
6c) Multiply line 6a by line 6b.	6c) <input type="text"/>	+ <input type="text"/>	+ <input type="text"/>	6d) = <input type="text"/>
6d) Add all the products of line 6c and enter the resulting (ΔUA) value here.				ΔUA

6e) Enter value from line 6d on line 8.

7. Values of ΔU are given in Table 2 for walls*, box sills and floors. Select the appropriate ΔU value and enter below.

7a) Insulating option being chosen - check one:	<input type="checkbox"/> Walls*(1)	<input type="checkbox"/> Box Sills (2)	<input type="checkbox"/> Floors (3)
7b) Enter the value for ΔU .	<input type="text"/>	<input type="text"/>	<input type="text"/>
7c) Enter the area to be insulated (sq. ft.).	<input type="text"/>	<input type="text"/>	<input type="text"/>
7d) Multiply line 7b by line 7c.	<input type="text"/>	<input type="text"/>	<input type="text"/>
7e) Enter value from line 7d on line 8.			

TABLE 2 CHANGE IN U FOR CEILINGS, BOX SILLS, WALLS AND FLOORS

Choose the change in U value (ΔU) based on:

1. The type of construction;
2. The R value of the insulation present in the cavity;
3. The final R value as required by ILHR 67.05.

CONSTRUCTION TYPE	INITIAL R VALUE* (2)	FINAL R VALUE* (3)	ΔU
CEILING			
Unflooded Attic	0	38	.542
Unflooded Attic	10	38	.055
Unflooded Attic	11	30	.049
Floored Attic	0	19	.157
Floored Attic	3.5	19	.068
Flat Roofs	0	19	.114
Sloped Roof	0	11	.201
Sloped Roof	0	19	.230
BOX SILL			
	0	19	.180
	3.5	19	.083
	11	19	.022
WALL (open cavity)			
	0	11	.427
	3.5	11	.100
FLOOR			
	0	19	.194
	3.5	19	.083
	11	19	.021

*Note: R values shown in this table represent the thermal resistance of the insulation excluding the inherent resistance of the construction itself.

Ceiling Wall Box Sill Floor

- | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|------------|
| 8. Enter the ▲ UA products here. | _____ | _____ | _____ | _____ |
| 9. Enter the results of line 5. | _____ | _____ | _____ | _____ |
| 10. 5-YEAR DOLLAR SAVINGS.
Multiply line 8 by line 9. | _____ | _____ | _____ | _____ |
| 11. RETROFIT COST. Must be documented
by an estimate signed by the issuing
contractor. | _____ | _____ | _____ | _____ |
| 12. Are the 5-year energy savings greater
than the retrofit cost?
Circle:
Yes, the retrofit pays back in five years
No, it does not pay back in five years | <u>Y/N</u> | <u>Y/N</u> | <u>Y/N</u> | <u>Y/N</u> |

(Owner's Signature)

(Preparer's Signature)

Attach Photos or Drawings