



# Harrison County Rural Electric Cooperative

61-65 Fourth Street, PO Box 2  
Woodbine, Iowa 51579-0002  
Telephone: 712-647-2727

John A. Borbridge, President  
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## CERTIFICATE REQUIRED BY IOWA STATE COMMERCE COMMISSION RULE 250-20.12, IOWA ADMINISTRATIVE CODE

I, \_\_\_\_\_ certify that I am the (owner) (builder) of a  
Structure completed after April 1, 1984, and is intended primarily for human occupancy.

Said structure is located in \_\_\_\_\_ County as follows:  
(Describe location of structure)

I further certify that the structure conforms to the energy conservation  
requirements adopted under Iowa Administrative Code subrule 680-16.800 (3) as  
amended and updated by subrule 680-16.800(4).

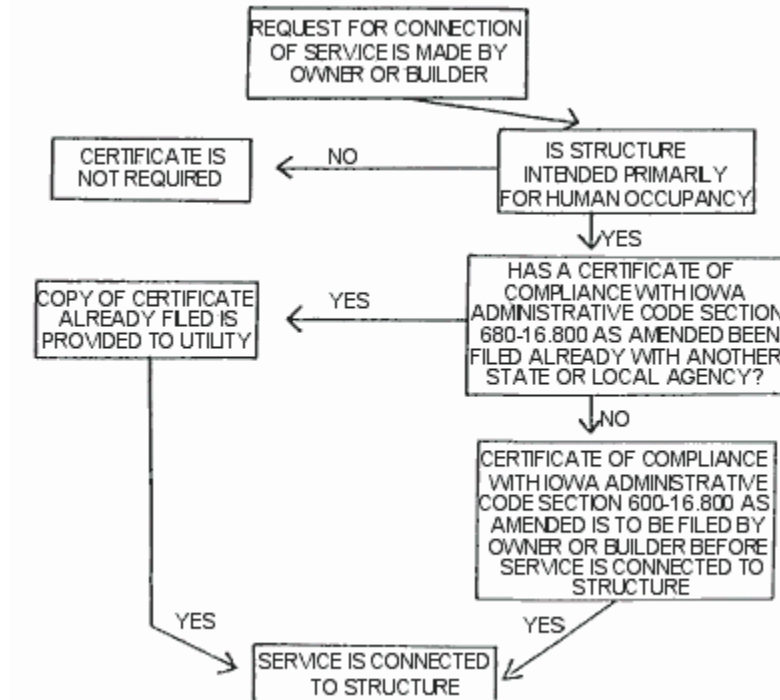
Certified to and signed on this \_\_\_\_\_ day of \_\_\_\_\_ 200\_\_\_\_,  
At \_\_\_\_\_, Iowa.

\_\_\_\_\_  
(Owner) (Builder)

\_\_\_\_\_  
(Address)

Form furnished by \_\_\_\_\_  
(Cooperative)

**250-20.12(476) NEW STRUCTURE ENERGY CONSERVATION STANDARD.** Each utility providing electric service shall not provide such service to any structure completed after April 1, 1984, unless the owner or builder of the structure has certified to the utility that the building conforms to the energy conservation requirements adopted under Iowa Administrative Code subrule 680-16.800 (3) as amended and updated by subrule 680-16.800 (4). If this compliance is already being certified to a state or local agency, a copy of that certification shall be provided to the utility. If no state or local agency is monitoring compliance with these energy conservation standards, the owner or builder shall certify that the structure complies with the standards by signing a form provided by the utility.



R Value of insulation as follows:

- Exterior Walls R-20
- Roof/ceiling assembly R-35
- Floors over unheated space R-20
- Basement walls R-11
- Windows - At least double glazed glass not exceeding fifteen percent of the gross area of all exposed exterior walls.
- Caulked and weather stripped

**Slab-on-grade Floors.** For Slab-on-grade floors, thermal resistance (R) of the insulation around the perimeter of the floor shall be not less than 5.5. The insulation shall extend downward from the top of the slab for a minimum distance of 24 inches or downward to the bottom of the slab then horizontally beneath the slab for a minimum total distance of 24 inches.

**Heating and Cooling Systems.** Minimum COP for heat pumps-based on 70% indoor temperature.

- |              |                             |
|--------------|-----------------------------|
| Water Source | COP - 2.5                   |
| Air to Air.  | 47% outdoor temp. - COP 2.5 |
|              | 170 outdoor temp. - COP 1.5 |
| Central Air  | - EER. 7.8                  |