

ORDINANCE NO. 270

AN ORDINANCE TO REVISE SECTION 356 OF THE REVISED ORDINANCES OF THE CITY OF POLSON, MONTANA, CONCERNING ANY INSTALLATION IN FIRE LIMITS OF CHIMNEYS, FIREPLACES, FLUES, AND CLEANOUTS WITHIN THE CITY OF POLSON, MONTANA.

BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF POLSON, MONTANA:

SECTION 1. That Section 356 of the Revised Ordinance of the City of Polson, Montana, be, and the same is hereby amended to read as follows:

"SECTION 356 - Every building erected within the limits of said City wherein fires shall be intended to be used shall fall under the scope of this Section.

Chimneys-- General requirements.

1. HEIGHT

(a) Chimneys for low heat appliances shall extend at least 3 feet above the highest point where they pass through the roof of a building and at least 2 feet higher than any portion of the building within the feet.

(b) Chimneys for high heat appliances shall extend not less than twenty feet higher than any portion of any building within fifty feet.

2. CLEARANCE FROM COMBUSTIBLE MATERIAL

(a) All wood beams, joists and studs shall be trimmed away from chimneys and fireplaces. Headers, beams, joists and studs shall be not less than 2 inches from the outside face of a chimney or from masonry enclosing a flue. Header supporting trimmer arches at fireplaces shall be not less than 20 inches from the face of the chimney breast. Trimmers shall be not less than 6 inches from the inside face of the nearest flue lining.

(b) A clearance of not less than 4 inches shall be provided between the exterior surface of chimneys for commercial and industrial type incinerators and combustible material.

(c) No woodwork shall be placed within 4 inches of the back face of a fireplace; nor shall combustible lathing, furring or plaster grounds be placed against a chimney at any point more than 1½ inches from the corner of the chimney; but shall not prevent plastering directly on the masonry or on metal lath and metal furring; nor shall it prevent placing chimneys for low heat appliances entirely on the exterior of a building against the sheathing.

(d) The clearance between woodwork and a factory-built fireplace approved as a result of tests by a nationally recognized testing laboratory need not comply with paragraph (c) of this section provided the factory-built fireplace is installed in accordance with the conditions of approval.

(e) No woodwork shall be placed within 6 inches of a fireplace opening. Woodwork above and projecting more than 1½ inches from a fireplace opening shall not be placed less than 12 inches from the top of fire place opening.

(f) All spaces between chimneys and wood joists, beams or headers shall be firestopped by placing noncombustible material to a depth of one inch at the bottom of such spaces.

(g) All spaces back of combustible mantels shall be filled with noncombustible material.

(h) Flue liners shall start from a point not less than 8 inches below the intake or in the case of fireplaces from the throat of the fireplace. They shall extend, as nearly vertically as possible, for the entire height of the chimney.

3. TWO OR MORE FLUES IN ONE CHIMNEY.

(a) Where two flues adjoin each other in the same chimney with only flue lining separation between them, the joints of the adjacent flue linings shall be staggered at least 7 inches.

(b) Where more than two flues are located in the same chimney, masonry wythes at least 4 inches wide and bonded into the masonry walls of the chimney shall be built at such points between adjacent flue linings that there are not more than two flues in any groups of adjoining flues without such wythe separation.

4. CLEANOUT OPENINGS.

(a) Where cleanout openings are provided in chimneys they shall be equipped with metal doors and frames arranged to remain tightly closed when not in use.

## 5. METAL CHIMNEYS (SMOKESTACKS)

(a) In building construction where ceiling suspended heating appliance is used, or where masonry chimney can not be used, due to lack of floor space.

## 6. CONSTRUCTION

(a) Metal chimney must be factory-built and carry the "Underwriters Laboratories Inc. Label"

(b) Metal chimney must be for the proper heat appliance to be used such as Low heat appliance, Medium heat appliance.

(c) Metal chimneys must be installed in accordance to manufacturers' specifications and factory furnished support and firestop-spacer assemblies.

## MASONRY CHIMNEYS--GENERAL REQUIREMENTS

## 7. SUPPORT.

(a) Masonry chimneys shall be supported on properly designed foundations of masonry or reinforced concrete or other noncombustible material having a fire resistance rating of not less than 3 hours.

## 8. SMOKE TEST.

(a) Chimneys shall be proved tight by a smoke test after erection and before being put into use.

## 9. CHANGE IN SIZE OR SHAPE AT ROOF NOT PERMITTED.

(a) No changes in the size or shape of a chimney, where the chimney passes through the roof, shall be made within a distance of 6 inches above or below the roof joists or rafters.

## 10. CONSTRUCTION.

(a) Masonry chimneys for low heat appliances shall be constructed of solid masonry units or of reinforced concrete. Chimneys in dwellings, chimneys for domestic type low heat appliances and chimneys for building heating equipment for heating a total volume of occupied space not to exceed 25,000 cubic feet shall have walls not less than 4 inches thick. In other buildings and for other low heat appliances the thickness of chimney walls shall be not less than 8 inches, except that rubble stone masonry shall be not less than 12 inches thick.

## 11. LINERS.

(a) Masonry chimneys for low heat appliances shall be lined with approved fire clay flue liners not less than 5/8" of an inch thick, or with other approved liner of material that will resist without softening or cracking a temperature of 1800 degrees Fahrenheit.

(b) Fire clay flue liners shall be installed ahead of the construction of the chimney as it is carried up, carefully bedded one on the other in Type A, Type B or fire clay mortar with close fitting joints left smooth on the inside.

(c) In masonry chimneys with wall less than 8 inches thick liners shall be separated from the chimney wall and the space between the liner and masonry shall not be filled; only enough mortar shall be used to make a good joint and hold the liners in position.

SECTION 2. This Ordinance is passed as a police regulation for the protection of the public within the corporate limits of the City of Polson, and is hereby declared to be an emergency measure; and shall be in full force and effect from and after its passage and approval.

SECTION 3. All ordinances and parts of ordinances in conflict hereby are hereby repealed.

SECTION 4. This ordinance shall be in full force and effect from and after its passage and approval.

PASSED AND APPROVED THIS \_\_\_\_\_ day of \_\_\_\_\_, 1961.

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
City Clerk