

Ag 30

Filed Nov 21, 1972

STATE OF WISCONSIN)
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DEPARTMENT OF AGRICULTURE)

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Donald E. Wilkinson, Secretary of Agriculture, and custodian of the official records of the State of Wisconsin Department of Agriculture, do hereby certify that the annexed order adopting rules relating to minimum standards for manufacturing milk, Wis. Adm. Code chapter Ag 30, was duly adopted by this department on November 20, 1972.

I further certify that said copy has been compared by me with the original on file in this department and that the same is a true copy thereof, and of the whole of such original.

IN WITNESS WHEREOF, I have hereunto set my hand at Madison, Wisconsin, this 20th day of November, 1972.


Secretary of Agriculture

ORDER OF THE DEPARTMENT OF AGRICULTURE
ADOPTING RULES

Pursuant to authority vested in the State of Wisconsin Department of Agriculture by sections 93.07(1) and 97.52, Wis. Stats., the Department of Agriculture hereby repeals, amends, and adopts rules as follows:

1. Section Ag 30.03(14) of the Wis. Adm. Code is adopted to read:

Ag 30.03(14) MILKING AND MILK HANDLING EQUIPMENT. (a) All milking and milk handling systems and equipment hereafter installed, reconstructed or extensively altered for use in the milking of cows and the transfer of the milk from the cow to containers, in which or from which the milk is removed from the dairy farm, shall conform to the following standards of construction and installation:

1. All product contact surfaces of permanently mounted pipelines shall be of stainless steel or heat resistant glass, except that rubber, rubber-like, or plastic materials may be used for sealing applications. Paper gaskets shall not be used.

2. All joints of permanently mounted pipelines, including solution lines, shall be welded or equipped with CIP (clean-in-place) fittings. Welded joints shall be smooth and free from pits, cracks or other defects. Demountable fittings shall be of such design as to form substantially flush interior joints. Appurtenances, such as milker claws, pumps or receiver jars with product contact surfaces, shall be readily cleanable, either when assembled or disassembled. Removable parts shall be readily demountable. Non-product contact surfaces shall have a smooth finish and be readily cleanable.

3. Permanently mounted pipelines shall be supported so that they remain in constant alignment and position. They shall be self-draining with a minimum slope of one inch per 10 feet. The support system shall be so designed as to preclude electrolytic action between supports and pipeline.

4. Transparent plastic tubing used in conjunction with transfer stations or systems shall be in one continuous length and be supported off the floor at all times. The opening through which tygon tubing enters the milk room shall be provided with a closure which is to be kept closed when the transfer unit is not in use. Equipment for mechanically air drying the tygon tubing shall be provided. The pouring station receptacle shall be of smooth stainless steel and be equipped with an overlapping self-closing cover. The receptacle shall be mounted off the floor on a readily cleanable stainless steel framework and be washed and stored in the milk room. Wire mesh or materials which are not readily cleanable may not be used as a support for the filter medium.

5. The claw or milk cup shall be designed so that cleaning and sanitizing solutions will drain when the claw or milk cup is in the cleaning and sanitizing position.

6. A bucket type milking machine shall be provided with a check valve or other device which will prevent moisture or any contaminating substance from entering the milk from the vacuum system. The movable portion of the check valve shall be of one piece construction or the parts shall be bonded together.

(b) Department approval is not required prior to the installation, reconstruction or alteration of milking or milk handling systems and equipment, except that upon completion of the installation, the installer shall furnish the purchaser with a signed written statement certifying that the equipment as installed is in full compliance with this subsection.

2. The Note at the end of Section Ag 30.03 of the Wis. Adm. Code is amended to read:

Note: Tanks which conform to the "3-A Sanitary Standards" and milking and milk handling equipment which conform to the "3-A Accepted Practices for the Design, Fabrication and Installation of Milking and Milk Handling Equipment", published by the International Association of Milk, Food and Environmental Sanitarians, Inc. in the Journal of Milk and Food Technology will meet the requirements of this section.

3. Section Ag 30.07(2)(intro. par.) of the Wis. Adm. Code is amended to read:

Ag 30.07(2)(intro. par.). Bacteriological tests may be the resazurin, bacterial plate count or direct microscopic clump count tests. The milk or cream is of undergrade sanitary quality:

4. Section Ag 30.07(2)(a) of the Wis. Adm. Code is repealed and Sections Ag 30.07(2)(b) and (2)(c) are renumbered (2)(a) and (2)(b) respectively.

5. Section Ag 30.08(3)(a) of the Wis. Adm. Code is repealed and Sections Ag 30.08(3)(b), (c) and (d) are renumbered (3)(a), (b) and (c) respectively.

6. Section Ag 30.09 of the Wis. Adm. Code is amended to read:

Ag 30.09 Test methods, standard. The procedures for performing sanitary tests, except where otherwise prescribed, shall be those in

the book "Standard Methods for the Examination of Dairy Products", Twelfth Edition (1967), copies of which are on file at the offices of the department of agriculture, secretary of state and revisor of statutes, and may be obtained from American Public Health Association, Inc., 1790 Broadway, New York, N.Y. 10019.

The rules contained herein shall take effect as provided in section 227.026, Wis. Stats.

Dated: November 20, 1972.

STATE OF WISCONSIN
DEPARTMENT OF AGRICULTURE

By Donald E. Wilber
Secretary of Agriculture