

SCHEDULE

RENDERING REQUIREMENTS

PART II

METHODS OF RENDERING

METHOD 4

NATURAL FAT BATCH (BATCH PRESSURE)

Equipment

1. The premises shall be equipped with apparatus to crush specified bovine material to the appropriate particle size, at least one cooker to cook the specified bovine material, sufficient capacity of hot water and steam production to render specified bovine material in accordance with this method, and equipment to separate protein from tallow and store those products.

Crushing

2. The raw material shall be reduced in size by crushing so that the particle size does not exceed 50 mm. Final reduction equipment shall be checked daily and its condition recorded. Any broken equipment shall be repaired without delay to ensure that the final particle size is achieved.

Cooking

3. Crushed material should then be heated in a steam jacketed vessel. After all air in the vessel has been displaced by steam, the vessel shall be sealed and heating continued until the pressure reaches 3 bar and the temperature reaches at least 133°C. This state should be held for at least 20 minutes, after which the pressure should be lowered back to atmospheric pressure. The product should then be dried to remove all of its inherent moisture. The times, temperatures and pressures achieved during the cooking process must be recorded on a permanent recording system.

Separation and storage of final products

4. After cooking, the material shall be discharged from the cookers and separated into its tallow and protein fractions. Protein and tallow shall be stored separately.

Records

5. All records shall be kept for one year.