

**MILK HOUSE PRE-MILKING SET UP****1. PURPOSE**

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To ensure the correct equipment-setup in the Milk House prior to milking.

**2. RESPONSIBILITY**

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2.1 Trained and qualified personnel

**3. MATERIALS**

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- 3.1 Filter
- 3.2 Iosan®
- 3.3 Udder wash
- 3.4 4XLA®
- 3.5 Stripping cups
- 3.6 Teat dip bottles
- 3.7 Pails
- 3.8 Gloves

**4. PROCEDURE**

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4.1. Before starting:

- 4.1.1. Ensure all milkers have been washed correctly.
- 4.1.2. Check that all 3 valves are in the WASH position. If not in the WASH position, then the pipeline has not been washed:
  - 4.1.1.1. Turn the valves to the WASH position.
  - 4.1.1.2. Press OFF on the main control panel.
  - 4.1.1.3. Press WASH (45-minute duration).
- 4.1.3. If milker has not been effectively washed, then sanitize manually:
  - 4.1.1.4. Press "SELECT" once if the display reads "24".
  - 4.1.1.5. Press: "SELECT" twice if the display shows the time of day.
- 4.1.4. Ensure the washbasin is empty.
- 4.1.5. Check the milk temperature on the bulk tank control panel (2- 4°C).

4.2. On Milk pick-up days:

- 4.2.1. Upon arrival, the afternoon crew is responsible for checking if the bulk tank has been washed and to wash it if it hasn't been done.
- 4.2.2. Wash the bulk tank as early as possible and sanitize while setting up for milking. Refer to SOP [DC-603: Bulk Tank Sanitizing Procedures](#).

4.3. Switches and Valves:

- 4.3.1. Turn the 2 *Blue handle valves* to "HORIZONTAL" position (*parallel* to the pipe).
- 4.3.2. Turn the small *Black knob valve* to "HORIZONTAL" position (*perpendicular* to the pipe).

#### 4.4. Pipes:

- 4.4.1. 4.4.1 Disconnect the pipeline above the sink at the elbow.
- 4.4.2. Remove the black rubber cap on top of the bulk tank and insert the short extension pipe with the rubber collar (found on top of the sink).
- 4.4.3. Using the elbow, attach the pipeline to the short extension pipe inserted into the bulk tank.

#### 4.5. Filter:

- 4.5.1. Must be changed *before* milking. Remove the dirty filter by pulling it off the holder
- 4.5.2. Rinse the interior of the pipe as well as the filter holder, rubber rings and gasket.
- 4.5.3. Hands MUST be washed before handling the new filter.
- 4.5.4. Slide a new filter on the filter holder Never use a filter that has fallen onto the floor (but you can keep it for the wash).
- 4.5.5. Work the rubber ring up the filter to the groove at the top of the holder. The rubber ring will hold the filter in place.

#### 4.6. Milkers:

- 4.6.1. Put milkers into "MILKING" mode and confirm *before* removing from the wash rack.
- 4.6.2. Open the valves on the claws.
- 4.6.3. **IMPORTANT:** Gently remove the claws from the candles by pulling upward so the candles don't break.
- 4.6.4. Unplug the milker by squeezing the multi-point handle ("the gun").

#### 4.7. Milk cart:

- 4.7.1. Add 2 pumps of udder wash solution to the *short pail* and fill  $\frac{3}{4}$  way with hot water.
- 4.7.2. Add 2 pumps of Iosan® to the pail labelled IOSAN and fill with pure hot water.
- 4.7.3. Teat dip cups must be filled with 4XLA mix. ( $\frac{1}{2}$  Activator +  $\frac{1}{2}$  Base).

#### 4.8. Before leaving the Milk House:

- 4.8.1. Make sure you have enough paper towels (1 pack).
- 4.8.2. Press the "MILK" button on the main control panel.
- 4.8.3. Wait to check the vacuum level (-16.2).
- 4.8.4. Before leaving the Milk House:

##### 4.8.4.1. On **MILK pick-up days** (Bulk Tank is empty).

- 4.8.4.1.1. Start the cooler. Turn the switch on the Bulk Tank control panel to REFROIDISSEMENT.
- 4.8.4.1.2. Press the top left button UNITÉ INFÉRIEURE.
- 4.8.4.1.3. Make sure the Bulk Tank valve is closed.
- 4.8.4.1.4. Start milking immediately. The cooler will start in 20 minutes.

##### 4.8.4.2. On **NON-MILK pick-up days** (milk present in Bulk Tank):

- 4.8.4.2.1. Press the "agitate" button (AGITATION DE PRÉ-DÉMARRAGE). In the summer, cool the milk immediately by pressing "Refroidissement de pré-démarrage"

#### 4.9. After the first 8 cows have been milked:

- 4.9.1.1. The person who *has not* set up the Milk House returns to the milk house to make sure that everything is working properly.
- 4.9.1.2. Check that the pipeline has been attached to the Bulk Tank.
- 4.9.1.3. Look for milk dripping from the filter or the top of the Bulk Tank. Tighten clips if necessary.
- 4.9.1.4. Ensure the milk is agitating. If not, press the “agitate” button (AGITATION DE PRÉ-DÉMARRAGE).
- 4.9.1.5. Check oil level and oil drip on vacuum pump in the electric room.
- 4.9.1.6. Check overflow bucket in the electric room. Empty pail in gutter.

**4.10. READ ALL INSTRUCTIONS ON THE MILKER ACTION SHEET FOUND ON THE MILK CART**

**Document Status and Revision History**

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