



In-Line Sampling (BMWS)

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WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION

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IN-LINE SAMPLERS

Who can do what with in-line sampling?



IN-LINE SAMPLERS

- Does the person starting or changing the bag at the farm need to be a BMWS?
- Yes



IN-LINE SAMPLERS

- ❑ Does the person hauling the sample to the plant need to be a BMWWS?
- No, They do not need to be a licensed Bulk Milk Weigher and Sampler



IN-LINE SAMPLERS

ATCP 82

- ❑ **ATCP 82.04:** Bulk milk weigher and sampler; license and grade A permit. (1) **LICENSE REQUIRED.** Except as provided under sub. (2), no person may do either of the following unless that person holds a valid bulk milk weigher and sampler license issued by the department under s. 98.146, Stats., and this section:
 - ❑ (a) Weigh or measure milk, for payment purposes.
 - ❑ (b) **Collect test samples of milk required under s.ATCP 65.38.**



IN-LINE SAMPLERS

ATCP 65

- ❑ **ATCP 65.38(2):** SAMPLE COLLECTED AT THE DAIRY FARM. A bulk milk weigher and sampler who collects a bulk milk shipment from a dairy farm shall collect the milk sample for the dairy plant operator, under sub. (1), in accordance with ch. ATCP 82. The bulk milk weigher and sampler shall promptly deliver the sample to the dairy plant operator, or to a milk testing laboratory designated by the dairy plant operator.



IN-LINE SAMPLERS

ATCP 82

- ❑ **ATCP 82.10(9): MILK SAMPLE FOR TESTING.** (a) Before milk is transferred from a dairy farm bulk tank to a bulk milk tanker, a bulk milk weigher and sampler shall collect a representative sample of that milk from the bulk tank for testing. The bulk milk weigher and sampler shall collect the test sample according to s. ATCP 82.12.



IN-LINE SAMPLERS

ATCP 82.12(2)(b) The bulk milk weigher and sampler shall collect the sample using a method approved by the department or a sample dipper that is of sanitary design and construction, is clean, and in good repair.

The division uses the criteria outlined in the 2019 PMO as the basis for our approval process to ensure that the use of the in-line sampler systems meets both state and federal requirements.



IN-LINE SAMPLERS

The PMO states

REQUIREMENTS FOR USING AN ASEPTIC APPROVED IN-LINE SAMPLER

(For informational purposes only: Refer to M-I-06-6)

- ❑ **A protocol for utilizing an in-line sampler system shall be approved by the Regulatory Agency in cooperation with the sampling equipment manufacturer, the milk producer and FDA.** A copy of the approved aseptic in-line sampling system's SOP shall be on file and posted for use at the location where the sampling system is utilized. As a minimum, the protocol (SOP) shall include the following:



IN-LINE SAMPLERS

The PMO states (cont.)

1. A description of how the milk sample is to be collected, identified, handled and stored.
2. A description of the means used to refrigerate the sample collection device and milk sample collection container throughout the milk sample collection period.
3. A means to monitor milk sample temperature, and the milk temperature.
4. A description of how and when the sampler is to be cleaned and sanitized, if not of a single use design.
5. **A listing of the licensed bulk milk hauler/samplers who have been trained to maintain, operate, clean and sanitize the sample collection device as well as to collect, identify, handle and store the milk sample.**
6. A description of the method and means that will be used to determine weight of the milk on the milk tank truck.



IN-LINE SAMPLERS

The M-I-06-6 states

- ❑ A protocol specific to each milk producer who direct loads milk tank trucks (through by-passing the use of farm bulk milk tanks or silos) while utilizing an approved in-line sampler shall be developed by the Regulatory Agency in cooperation with the sampling equipment manufacturer, the milk buyer, the milk producer and FDA. As a minimum, the protocol should include the following:



IN-LINE SAMPLERS

The M-I-06-6 states (cont.)

1. A description of how the milk sample is to be collected, identified, handled and stored.
2. A description of the means used to refrigerate the sample collection device and milk sample collection container throughout the milk sample collection period.
3. A means to monitor the sampler device temperature and milk sample temperature and the milk temperature.
4. A description of how and when the sampler is to be cleaned and sanitized, if not of a single use design.
5. **A listing of the licensed bulk milk hauler/samplers who have been trained to maintain, operate, clean and sanitize the sample collection device as well as to collect, identify, handle and store the milk sample.**
6. A description of the method and means that will be used to determine weight of the milk on the milk tank truck.



IN-LINE SAMPLERS

□ Appendix N: Sampling at the Dairy Plant

- This sample is only used to do the drug residue testing of the load to determine if the load is acceptable to receive.
- The person doing this at the Dairy Plant does not need to be licensed, but needs to be trained annually by a Certified Lab Analysis.



IN-LINE SAMPLERS

❑ Official (Component) Sampling

- This sample is usually the sample taken at the farm or at the dairy plant for Direct Ship Tankers, for monthly quality and payment purposes. This sample is also used for producer trace-back if the load tests positive for antibiotics.
- The person collecting this sample needs to be a licensed Bulk Milk Weigher and Sampler.



IN-LINE SAMPLERS

In closing ...

- Anyone who is trained to maintain, operate, clean and sanitize the sample collection device as well as to collect, identify, handle and store the milk sample needs to be a licensed Bulk Milk Weigher and Sampler.



IN-LINE SAMPLERS

Thank you for your time.

QUESTIONS???





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