

OVERVIEW

QMI systems provide high value solutions for dairy farms to access their fluid raw milk product while in production. Farmers and Veterinarians routinely use QMI systems to collect “representative” composite samples for milk quality and bonus payments, regulatory purposes, herd health management, and to isolate contamination within the milking process.

According to the Pasteurized Milk Ordinance (PMO), “It shall be the responsibility of the bulk milk hauler/sampler to collect a representative sample of milk from each farm bulk milk tank and/or silo or from a properly installed and operated in-line sampler or aseptic sampler, that is approved for use by the NCIMS Conference, State Regulatory Agency and FDA to collect representative samples, prior to transferring or as transferring milk utilizing an aseptic sampler from a farm bulk milk tank and/or silo, truck or other container.”

QMI has a solution for you, for all types of tanks and silos. Our solutions were demonstrated over many years of rigorous testing under many types of conditions. The large amount of data from these studies were accepted by the FDA and the NCIMS Laboratory Committee, and then were presented to and accepted by the NCIMS Executive Board.



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For Dairy Farms

- **Direct Load Dairy Farms**
- **Vertical and/or Horizontal Milk Tanks**
- **Bulk and/or Silo Milk Tanks**
- **Veterinarians - Isolation of Contamination**

Direct Load Dairy Farms

QMI direct-load farm solutions provide dairy farmers with the best continuous flow sampler. Unlike other samplers (i.e. intermittent drip samplers) the QMI direct load sampling system takes a representative sample of the entire volume of milk produced. The importance of the continuous flow sampler is that it provides an approach to early detection of potential problems that may arise in your operation. The QMI Direct Load Sampling System saves you valuable time and cost. You may rest assured that your sampling system is properly cleaned and sanitized. QMI products are 3-A authorized and are cleaned in place (CIP). There is no need to wash, sanitize or rinse QMI accessories because they come pre-sterilized and individually packaged.

In May of 2006 the FDA, the NCIMS Laboratory Committee and the Executive Board of the NCIMS approved the collection of dairy farm milk samples (FDA Memorandum of Interpretation M-I-06-6). Prior to utilizing an approved in-line sampler, a protocol specific to each milk producer must be developed by your local regulatory agency. The protocol is developed in cooperation with the equipment manufacturer, the milk buyer, the milk producer and FDA.

Vertical and/or Horizontal Milk Tanks

In August of 2006, the FDA, the NCIMS Laboratory Committee and the Executive Board of the NCIMS accepted the procedure for collecting your representative sample using the procedure outlined in FDA Memorandum of Interpretation M-I-06-12. If you have a vertical and/or horizontal milk tank that cannot have the manhole door opened to sample milk, a QMI insulated tank assembly can be welded easily and then polished to 3-A standards into your manhole door, thus giving you aseptic access to your fluid raw milk product.

Bulk and/or Silo Milk Tanks

In February of 2012, the FDA, the NCIMS Laboratory Committee and the Executive Board of the NCIMS accepted the procedure for collecting your “universal” sample using the procedure outlined in FDA Memorandum of Interpretation M-I-12-4. A dairy milk hauler can use this procedure to collect the “universal” sample without having to agitate the milk bulk tank or silo tank, thus saving time and money. Additionally, you provide a safer environment for the milk hauler because all sampling can be performed standing on the ground.

Veterinarians - Isolation of Contamination

QMI continues to monitor data under controlled studies that demonstrate the importance of using QMI systems for your sample collection needs. The University of Minnesota conducted two independent studies published in the Journal of Dairy Sciences validating the use of QMI products. Researchers stated “QMI products provide the producer with timely and inexpensive tools to help improve programs for monitoring milk quality and overall health of the herd.” Veterinarians routinely use a QMI stainless steel assembly and sampling bags to collect samples from specific pens from the herd to help isolate potential mastitis problems.

