

Thomas Angstadt
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QMI

Aseptic Sampling on Dairy Operations

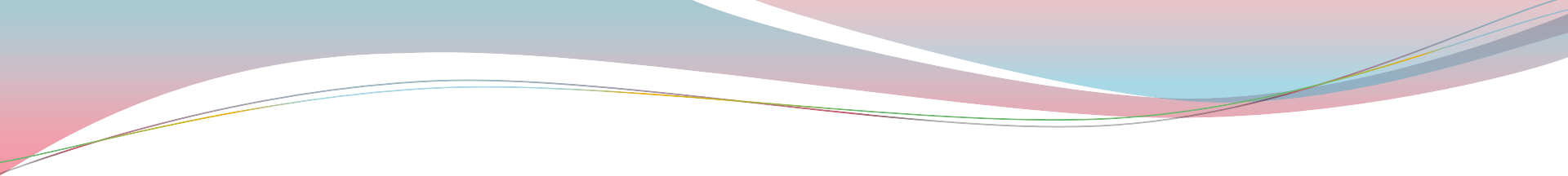


QMI Aseptic Sampling Systems

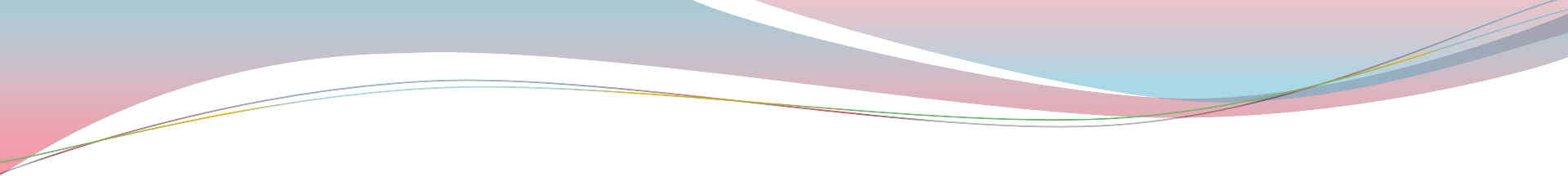
QMI has four NCIMS Approved
Aseptic sampling systems that
can be used for on farm
sampling.



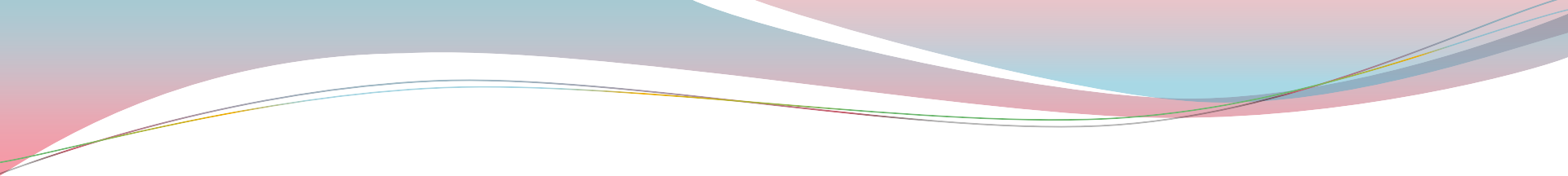
The NCIMS and FDA have
approved QMI products for in-
line sampling for Farm Direct
Loading as announced in FDA
Memo M-I-06-6



The NCIMS and FDA have approved
the QMI method for sampling a silo
or bulk tank fitted with the
approved QMI products for
Needle-Only Sampling in FDA
Memo M-I-06-12




The NCIMS and FDA have approved QMI products for sampling bulk milk tanker trucks in FDA IMS-A-46. This is known in the industry as bulk milk tanker QMI side samplers.



The NCIMS and FDA at the 33rd
NCIMS Conference have
approved the QMI system for
Aseptic Alternative Farm Bulk
Tank Sampling to Obtain a
Universal Sample.

QMI[®] System Features

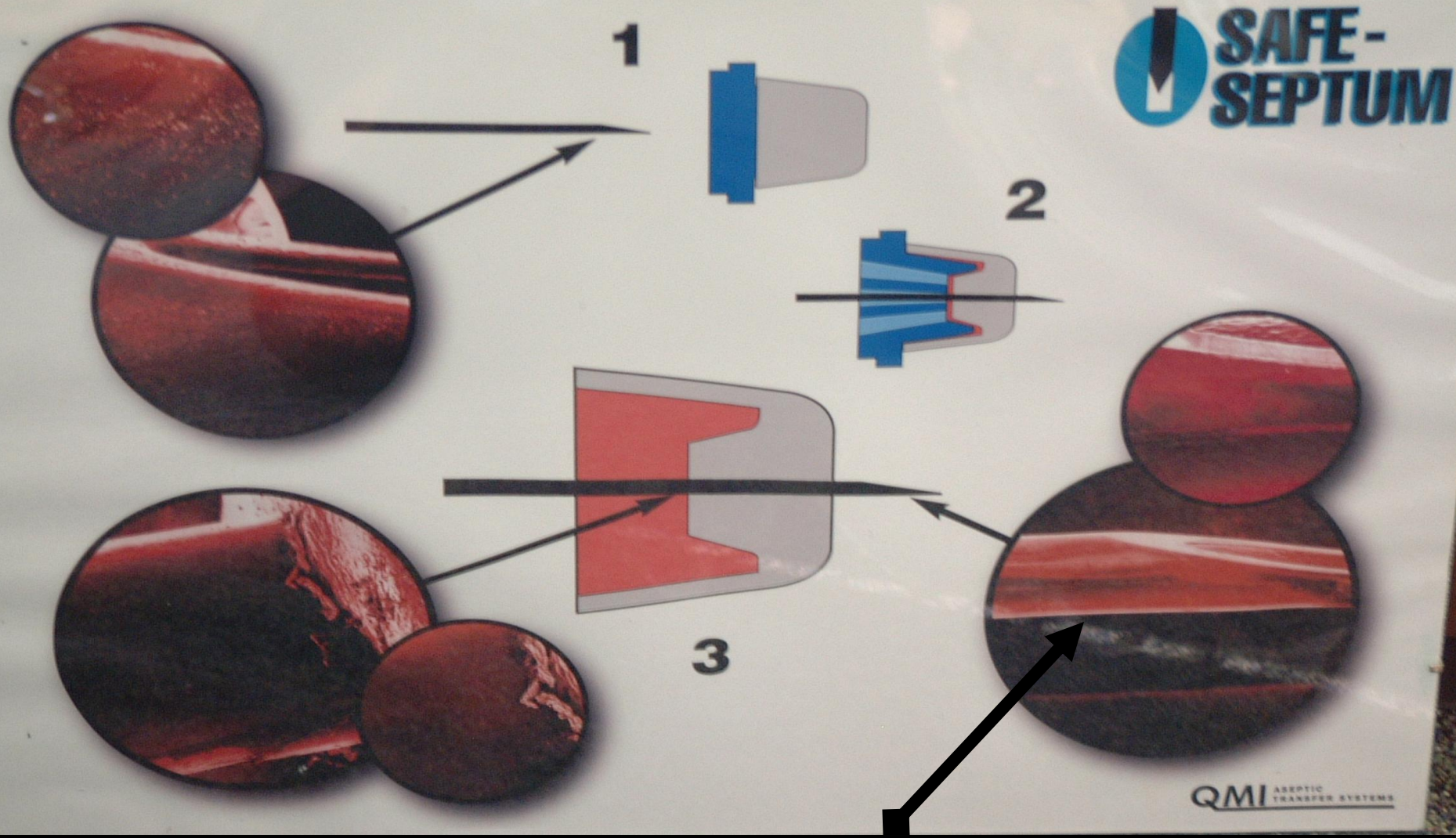
- Aseptic
- University validated
- Accepted by *Standard Methods*
- Conforms to H A C C P principles
- Authorized to use 3A symbol 
- Pre-sterilized
- Stable for heat, pressure and length of use
- Easy to install
- Safe to use

QMI[®]

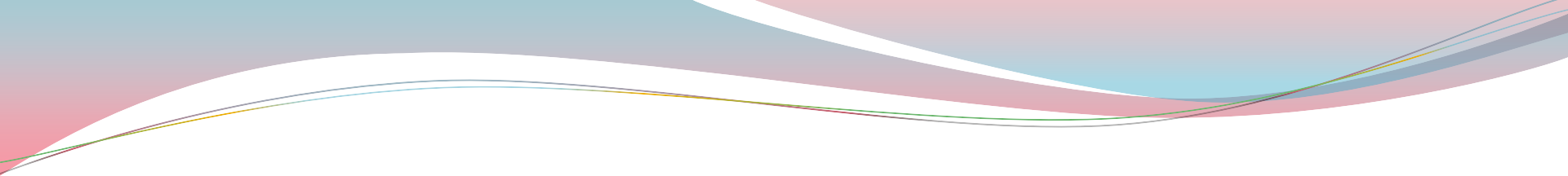
Successful History

- Thirty years of successful sampling
- Forty countries
- Used in more than 1000 processing plants
- Used on hundreds of dairy farms
- Pharmaceutical & Biotech applications





*The photos above show a sampling needle with electron scanning microscopy (ESM).
In this validation study, a deliberately contaminated needle emerges from the QMI® system free of bacteria.*



SOP's for all four QMI sampling procedures can be found on the FDA website.



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11/25/2009



11.25.2009

Leave at Farm Samples













**QMI[®]
Aseptic
Sampler**





















QMI – Dip Sample Comparison

Dip sample front				QMI front				Dip sample rear				QMI rear			
PLC – PI – SCC -- BF				PLC – PI – SCC – BF				PLC – PI – SCC – BF				PLC – PI – SCC – BF			
4	60	270	NR	4	15	270	NR	4	290	200	NR	6	300	210	NR
Not used				Not used				14	800	310	406	9	570	200	368
4	36	330	483	2	10	110	349	3	11	190	370	3	8	180	367
2	390	400	379	2	430	400	378	3	86	120	397	3	92	130	395
6	52	480	473	1	3	NR	271	4	140	210	374	3	91	160	354











Contact Information:

Quality Management Systems, Inc.

DBA- QMI

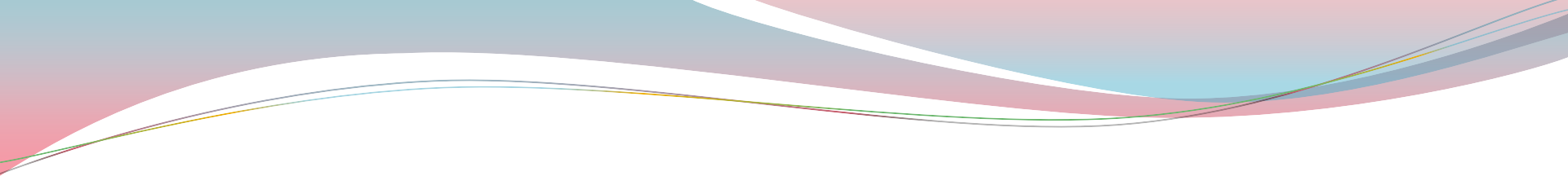
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QMI now has two ways to
access their SOP's and Training
Videos on the internet:

www.youtube.com/qmisystems

www.qmisystems.com

SOP's and Videos are also
available in Spanish!



THANK YOU FOR YOUR
ATTENTION

QUESTIONS?