

5001 Campus Drive  
College Park, MD 20740-3835

M-b-378

January 26, 2018

TO: Director, Office of State Cooperative Programs  
Attn: All Staff, Division of Milk Safety

FROM: Milk and Milk Products Branch (HFS-316)

SUBJECT: Agri-Service LLC Dairy Heritage Flow Diversion Control System  
Version 1.16 Model Number: 66-03400-000

In accordance with M-I-00-2, *Milk and Milk Product Equipment-A Guideline for Evaluating Construction*, FDA's Milk Specialists and CFSAN's Milk and Milk Products Branch have specifically evaluated the Agri-Service LLC Dairy Heritage Flow Diversion Control System Version 1.16 Model Number: 66-03400-000 and have validated and confirmed the technical information submitted by Agri-Service LLC and reviewed by the Atlantic Midwest Dairy Equipment Review Committee (AMDERC).

The Agri-Service LLC Dairy Heritage Flow Diversion Control System is **composed of a pair of DEFINOX Model number DCX4 valves, as the flow diversion device (FDD)**, along with a control box, which has been designed to comply with Item 16p(B)-High-Temperature-Short-Time (HTST) Continuous-Flow Pasteurization of the *Grade "A" Pasteurized Milk Ordinance* (PMO). The technical design and supporting documentation submitted to AMDERC and FDA for review were for the 1.5 - 4 inch DEFINOX valve which make up the FDDs.

When constructed, installed, operated and maintained as described in this memorandum, the Agri-Service LLC Dairy Heritage Flow Diversion Control System Version 1.16 Model Number: 66-03400-000 has been found to comply with the applicable provisions of Item 16p(B) of the PMO. Compliance with the PMO is based upon construction, installation, operation and maintenance criteria as cited in Agri-Service LLC Dairy Heritage Flow Diversion Control System Version 1.16 Model Number: 66-03400-000 Operations and Maintenance Manual Publication Rev 1.1, dated 06/14/2016, and the following provisions:

1. The installation shall comply with all applicable Tests cited in Appendix I- Pasteurization Equipment Controls -Tests of the PMO.
2. Upon the proper installation and the determination of compliance through appropriate required PMO testing, regulatory seals shall be applied.

The technical information addressing the Agri-Service LLC Dairy Heritage Flow Diversion Control System Version 1.16 Model Number: 66-03400-000 constitutes AMDERC's Engineering Design and Technical Construction File (EDTCF). The material in the EDTCF is the property of the manufacturer and may be provided at their discretion.

For additional information regarding this piece of equipment please contact:

Lester Martin  
Agri-Service LLC  
11906 Wheatfield Drive  
Hagerstown, MD 21740

(301) 573-0793  
(301) 223-6877-office  
lester.martin@agriservicellc.com

FDA's review and acceptance of the Agri-Service LLC Dairy Heritage Flow Diversion Control System Version 1.16 Model Number: 66-03400-000 does not constitute FDA or Regulatory Agency endorsement or approval. Any representation on a label or in printed literature citing or indicating as "FDA Approval" would be considered as false and misleading.

An electronic version of this memorandum is available for distribution to FDA Milk Specialists, Milk Regulatory/Rating Agencies, and Milk Sanitation Rating Officers. The electronic version should be widely distributed to representatives of the dairy industry and other interested parties and will also be available on the FDA Web site at <http://www.fda.gov> at a later date.

If you would like an electronic version of this document prior to it being available on the FDA Web Site, please e-mail your request to [Robert.Hennes@fda.hhs.gov](mailto:Robert.Hennes@fda.hhs.gov).



Donald R. Goldsmith  
Milk Specialist



Robert Hennes, RS, MPH  
CAPT U.S. Public Health Service  
Milk and Milk Products Branch



# Flow Diversion Control System

Version 1.16



Rev.1.1 06/14/2016

## Section 4 – Regulatory Seals

### 4.1 Enclosure Sealing

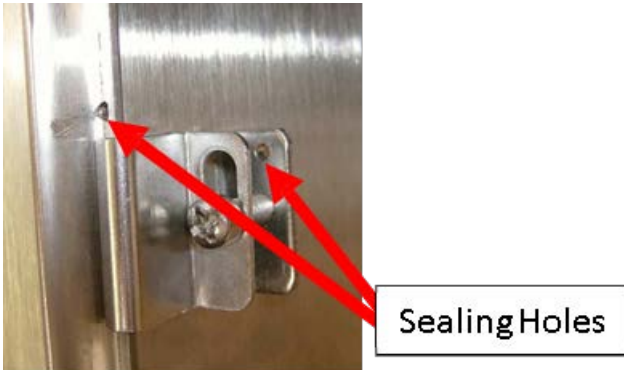


Figure 4.1a. Enclosure sealing

## Section 5 – Testing

The Dairy Heritage Flow Diversion Device is to be tested in accordance with the procedures set forth in the current PMO, Appendix I.