

Chapter ATCP 80**APPENDIX A****3-A SANITARY STANDARDS AND ACCEPTED PRACTICES**

The following 3-A standards and 3-A accepted practices establish criteria for the sanitary construction and operation of dairy handling and processing equipment. These standards are published jointly by the International Association of Milk, Food and Environmental Sanitarians, Inc., and the Food and Drug Administration, Public Health Service, United States Department of Health and Human Services. Copies are on file with the department, the Secretary of State and the Revisor of Statutes.

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3-A SANITARY STANDARDS

Number	Title	Effective
01-08	Storage Tanks for Milk and Milk Products	11/2001
02-09	Centrifugal and Positive Rotary Pumps for Milk and Milk Products	11/1996
04-04	Homogenizers and Reciprocating Pumps	11/1996
05-15	Stainless Steel Automotive Milk and Milk Product Transportation Tanks for Bulk Delivery and/or Farm Pick-Up Service	11/2002
10-04	Milk and Milk Products Filters Using Single Service Filter Media	11/2000
11-06	Plate-Type Heat Exchangers for Milk and Milk Products	11/2001
12-06	Tubular Heat Exchangers for Milk and Milk Products	5/2002
13-09	Farm Milk Cooling and Holding Tanks	11/1993
16-05	Milk and Milk Products Evaporators and Vacuum Pans	8/1997
17-10	Formers, Fillers, and Sealers of Single-Service Containers for Fluid Milk and Fluid Milk Products	11/2002
18-03	Multiple-Use Rubber and Rubber-Like Materials Used as Product Contact Surfaces in Dairy Equipment	8/1999
19-05	Batch and Continuous Freezers for Ice Cream, Ices, and Similarly Frozen Dairy Foods	11/1999
21-00	Centrifugal Separators and Clarifiers	11/2002
20-22	Multiple-Use Plastic Materials Used as Product Contact Surfaces for Dairy Equipment	6/2003
22-07	Silo-Type Storage Tanks for Milk and Milk Products	11/1996
23-04	Equipment for Packaging Viscous Dairy Products	11/2002
24-02	Non-Coil Type Batch Pasteurizers for Milk and Milk Products	11/1989
25-03	Non-Coil Type Batch Processors for Milk and Milk Products	11/2002
26-04	Sifters for Dry Products	11/2001

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27-05	Equipment for Packaging Dry Milk and Dry Milk Products	11/2002
28-03	Flow Meters for Milk and Milk Products	6/2002
29-02	Air Eliminators for Milk and Fluid Milk Products	11/2000
30-01	Farm Milk Storage Tanks	9/1984
31-03	Scraped Surface Heat Exchangers	11/2000
32-02	Uninsulated Tanks for Milk and Milk Products	8/1994
33-01	Polished Metal Tubing for Milk and Milk Products	11/1994
34-02	Portable Bins for Dry Milk and Dry Milk Products	9/1992
35-00	Continuous Blenders	8/1997
36-00	Colloid Mills	8/1997
38-00	Cottage Cheese Vats	8/1997
39-00	Pneumatic Conveyors for Dry Milk and Dry Milk Products	9/1982
40-02	Bag Collectors for Dry Milk and Dry Milk Products	11/2002
41-01	Mechanical Conveyors for Dry Milk and Dry Milk Products	11/1996
42-01	In-Line Strainers for Milk and Milk Products	11/1997
43-00	Wet Collectors for Dry Milk and Dry Milk Products	9/1997
44-03	Diaphragm Pumps	11/2001
45-01	Crossflow Membrane Modules	11/1999
46-03	Refractometers and Energy-Absorbing Optical Sensors for Milk and Milk Products	11/2002
47-00	Centrifugal and Positive Rotary Pumps for Pumping Cleaning and Sanitizing Solutions	11/1996
49-01	Air-Driven Sonic Horns for Dry Products	11/2001
50-01	Level Sensing Devices for Dry Products	11/2001
51-01	Plug-Type Valves for Milk and Milk Products	11/1998
52-02	Plastic Plug-Type Valves for Milk and Milk Products	11/1998
53-02	Compression-Type Valves for Milk and Milk Products	1/2002
54-02	Diaphragm-Type Valves for Milk and Milk Products	11/1997
55-01	Boot Seal-Type Valves for Milk and Milk Products	11/1996
56-00	Inlet and Outlet Leak-Protector Plug-Type Valves for Milk and Milk Products	5/1993
57-01	Tank Outlet Valves for Milk and Milk Products	11/1996

58-00	Vacuum Breakers and Check Valves for Milk and Milk Products	6/1992
59-00	Automatic Positive Displacement Samplers for Fluid Milk and Fluid Milk Products	11/1993
60-00	Rupture Discs for Milk and Milk Products	9/1983
61-00	Steam Injection Heaters for Milk and Milk Products	11/1994
62-01	Hose Assemblies for Milk and Milk Products	11/1996
63-03	Sanitary Fittings for Milk and Milk Products	11/2002
64-00	Pressure Reducing and Back Pressure Regulating Valves for Milk and Milk Products	11/1993
65-00	Sight and/or Light Windows and Sight Indicators in Contact with Milk and Milk Products	11/1994
66-00	Caged-Ball Valves for Milk and Milk Products	11/1995
68-00	Ball-Type Valves for Milk and Milk Products	11/1996
70-01	Italian-Type Pasta Filata Style Cheese Cookers	11/2002
71-01	Italian-Type Pasta Filata Style Cheese Moulders	11/2002
72-01	Italian-Type Pasta Filata Style Moulded Cheese Chillers	11/2002
73-00	Shear Mixers, Mixers, and Agitators	11/1996
74-02	Sensors and Sensor Fittings and Connections Used on Fluid Milk and Milk Products Equipment	11/2002
75-00	Belt-Type Feeders	11/1998
78-00	Spray Devices to Remain in Place	11/1998
81-00	Auger-Type Feeders	11/1998
82-00	Pulsation Dampening Devices	11/2002

3-A ACCEPTED PRACTICES

Number	Title	Effective
603-06	Sanitary Construction, Installation, Testing, and Operation of High-Temperature Short-Time and Higher-Heat Shorter-Time Pasteurizer Systems	12/1992
604-04	Supplying Air Under Pressure in Contact with Milk, Milk Products, and Product Contact Surfaces	11/1994
605-04	Permanently Installed Product and Solution Pipelines and Cleaning Systems Used in Milk and Milk Product Processing Plants	8/1994
606-05	Design, Fabrication, and Installation of Milking and Milk Handling Equipment	11/2002
607-04	Milk and Milk Products Spray Drying Systems	11/1998
608-02	Instantizing Systems	11/2001

609-02	Method of Producing Steam of Culinary Quality	11/1996
610-00	Sanitary Construction, Installation, and Cleaning of Crossflow Membrane Processing Systems for Milk and Milk Products	9/1990
611-00	Farm Milk Cooling and Storage Systems	11/1994