

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 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. Copies may be purchased from the IAMFES, 6200 Aurora Ave., Suite 200 W., Des Moines, IA (515) 276-3344, telephone (800) 369-6337 (US), (800) 284-6336 (Canada).

3-A SANITARY STANDARDS

NUMBER	TITLE	EFFECTIVE DATE
01-07	3-A Sanitary Standards for Storage Tanks for Milk and Milk Products	9-90
02-08	3-A Sanitary Standards for Centrifugal and Positive Rotary Pumps for Milk and Milk Products	5-78
04-03	3-A Sanitary Standards for Homogenizers and Pumps of the Plunger Type	9-71
05-14	3-A Sanitary Standards for Stainless Steel Automotive Milk and Milk Products Transportation Tanks for Bulk Delivery and/or Farm Pick-Up Service	11-89
08-17	3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products, as amended, Parts I and II (rev.) (Fittings and Plug Type Valves)	9-83
08-17D	3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products, as amended, Parts I and II (rev.) (Automatic Positive Displacement Sampler)	9-83
08-17E	3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products, as amended, Parts I and II (rev.) (Inlet and Outlet Leak-Protector Type Valves)	9-83
08-17F	3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products, as amended, Parts I and II (rev.) (Tank Outlet Valves)	9-83
08-17G	3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products, as amended, Parts I and II (rev.) (Rupture Discs)	9-83
08-17H	3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products (Thermoplastic Plug Type Valves)	11-89
08-17I	3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products (rev.) (Steam Injection Heaters)	9-88
08-17L	3-A Sanitary Standards for Hose Assemblies for Milk and Milk Products	6-92
08-18	Rescinding Amendments to 3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines conducting Milk and Milk Products, Part I and Part II (rev.)	9-85
08-19	Amendments to 3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products (Fittings & Plug Type Valves)	9-88

08-19A	3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products (Compression Type Valves)	9-88
08-19B	3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines conducting Milk and Milk Products (Diaphragm Type Valves)	9-88
08-19C	3-A Sanitary Standards for Fittings used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products (Boot-Seal Type Valves)	9-88
08-19E	Part One of the 3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products	5-93
08-20B	Rev. Amendments to 3-A Sanitary Standards for Fittings Used on Milk and Milk Products Equipment and Used on Sanitary Lines Conducting Milk and Milk Products, #08-20Rev.	9-92
09-08	3-A Sanitary Standards for Instrument Fittings and Connections Used on Milk and Milk Products Equipment, Parts I and II	9-90
09-09	Part One of the 3-A Sanitary Standards for Sensors and Sensor Fitting and Connections Used on Milk and Milk Products Equipment	5-93
10-03	3-A Sanitary Standards for Milk and Milk Products Filters Using Disposable Filter Media	9-84
11-04	3-A Sanitary Standards for Plate Type Heat Exchangers for Milk and Milk Products	2-88
12-05	3-A Sanitary Standards for Tubular Heat Exchangers for Milk and Milk Products	9-86
13-08	3-A Sanitary Standard for Farm Milk Cooling and Holding Tanks	8-85
16-05	3-A Sanitary Standards for Milk and Milk Products Evaporators and Vacuum Pans	8-85
17-07	3-A Sanitary Standards for Fillers and Sealers of Single-Service Containers for Milk and Fluid Milk Products	12-89
18-00	3-A Sanitary Standards for Multiple-Use Rubber and Rubber-Like Materials Used as Product Contact Surfaces in Dairy Equipment	4-63
19-04	3-A Sanitary Standards for Batch and Continuous Freezers for Ice Cream, Ices and Similarly Frozen Dairy Foods	3-90
20-17	3-A Sanitary Standards for Multiple-Use Plastic Materials Used as Product Contact Surfaces for Dairy Equipment	5-93
22-05	3-A Sanitary Standards for Silo-Type Storage Tanks for Milk and Milk Products	9-92
23-01	3-A Sanitary Standards for Equipment for Packaging Frozen Desserts, Cottage Cheese, and Similar Dairy Products	1-77
24-02	3-A Sanitary Standards for Non-Coil Type Batch Pasteurizers for Milk and Milk Products	11-89
25-02	3-A Sanitary Standards for Non-Coil Type Batch Processors for Milk and Milk Products	11-89
26-03	3-A Sanitary Standards for Sifters for Dry Milk and Dry Milk Products	9-92
27-02	3-A Sanitary Standards for Equipment for Packaging Dry Milk and Dry Milk Products	5-93
28-02	3-A Sanitary Standards for Flow Meters for Milk and Liquid Milk Products	9-92
29-00	3-A Sanitary Standards for Air Eliminators for Milk and Fluid Milk Products	6-72
30-01	3-A Sanitary Standards for Farm Milk Storage Tanks	9-84
31-02	3-A Sanitary Standards for Scraped Surface Heat Exchangers	10-76

32-01	3-A Sanitary Standards for Uninsulated Tanks for Milk and Milk Products	5-93
33-00	3-A Sanitary Standards for Polished Metal Tubing for Dairy Products	1-77
34-02	3-A Sanitary Standards for Portable Bins for Dry Milk and Dry Milk Products	9-92
35-00	3-A Sanitary Standards for Continuous Blenders	8-77
36-00	3-A Sanitary Standards for Colloid Mills	8-77
37-01	3-A Sanitary Standards for Pressure and Level Sensing Devices	11-89
38-00	3-A Sanitary Standards for Cottage Cheese Vats	8-80
39-00	3-A Sanitary Standards for Pneumatic Conveyors for Dry Milk and Dry Milk Products	9-82
40-01	3-A Sanitary Standards for Bag Collectors for Dry Milk and Dry Milk Products	9-86
41-00	3-A Sanitary Standards for Mechanical Conveyors for Dry Milk and Dry Milk Products	9-83
42-00	3-A Sanitary Standards for In-Line Strainers for Milk and Milk Products	9-86
43-00	3-A Sanitary Standards for Wet Collectors for Dry Milk and Dry Milk Products	9-86
44-00	3-A Sanitary Standards for Air Driven Diaphragm Pumps for Milk and Milk Products	9-90
45-00	3-A Sanitary Standards for Crossflow Membrane Modules	9-90
46-00	3-A Sanitary Standards for Refractometers and Energy Absorbing Optical Sensors for Milk and Milk Products	6-92
49-00	3-A Sanitary Standards for Air Driven Sonic Horns For Dry Milk Products	3-92
50-00	3-A Sanitary Standards for Level Sensing Devices for Dry Milk and Dry Milk Products	3-92

3-A ACCEPTED PRACTICES

603-06	3-A Accepted Practices for the Sanitary Construction, Installation, Testing and Operation of High-Temperature Short-Time and Higher Heat Shorter Time Pasteurizer Systems	12-92
604-03	3-A Accepted Practices for Supplying Air Under Pressure in Contact With Milk, Milk Products and Product Contact Surfaces	6-72
605-04	3-A Accepted Practices for Permanently Installed Product and Solution Pipelines and Cleaning Systems Used in Milk and Milk Product Processing Plants	1-92
606-03	3-A Accepted Practices for the Design, Fabrication and Installation of Milking and Milk Handling Equipment	3-90
607-03	3-A Accepted Practices for Milk and Milk Products Spray Drying Systems	9-82
608-01	3-A Accepted Practices for Instantizing Systems for Dry Milk and Dry Milk Products	2-88
609-00	3-A Accepted Practices for a Method of Producing Steam of Culinary Quality	8-79
610-00	3-A Accepted Practices for the Sanitary Construction, Installation and Cleaning of Crossflow Membrane Processing Systems for Milk and Milk Products	9-90