

**INDEX OF**  
**MEMORANDA OF MILK ORDINANCE**  
**EQUIPMENT COMPLIANCE (M-b)**  
**February 21, 2019**

<b><u>CODE</u></b>	<b><u>EQUIPMENT</u></b>	<b><u>COMPANY</u></b>	<b><u>MODEL/SERIAL #</u></b>	<b><u>ISSUE DATE</u></b>
M-b-1	Mechanical Capper	Scholle	SCMC-101	10/3/1962
M-b-2	Milk Porter "Sputnick"	Milk Porter Company	MP-200, MP-300	5/28/1963
Sup. 1	Milk Porter "Sputnick"		LP-300, LMP-300	1/29/1965
M-b-3	Milk Equipment Documentation Requirements for Review			11/29/1962
M-b-4	Plastic Tubing for Polygal Fillers	Polygal	Part No. PGV 153	1/29/1963
M-b-5	Milk Carton Performer	Pre-O-Form Corporation	100	1/31/1963
M-b-6	Straw Seal Unit	Milliken Tetra Pak	SS-2	1/31/1963
M-b-7	Rapid-Flo Filter Holder	Johnson and Johnson	Part No. 799-3, 799-4	4/2/1963
M-b-8	Pt. Container w/Straw Opening Container	Ex-Cell-O Corporation		4/4/1963
M-b-9	Cap Press and Cap Machine	Exsa Division, R. A., Fords LTD.	Mark 16/1PL, Mark 3RJ	4/15/1963
M-b-10	Clarifier	Delaval Separator Company	MRPX-213	4/24/1963
M-b-11	Milky Weigh Milk Meter	Yandell Company, Incorporated	Part No. Y463, Y363, Y563	4/24/1963
M-b-12	Mobile Lactorium	Chore-Boy		5/13/1963

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M-b-13	Seal-O-Matic Filler and Sealer	Liquid Package Equipment Corporation	LP-500, Service No. 600 and up, A-216 No. 6500 and Up	5/13/1963
M-b-14	Meterflo Dispensers	Meterflo Dispensers, Inc.	F-1, F-2, UC-2, UC-2C	5/16/1963
M-b-15	Milk Veyor	Weco Milk Veyor Corporation	10, 20, 30	6/3/1963
M-b-16	Ultra-Pak Form-Fill-Seal Machine for Packing Cream and Similar Dairy Products	Packaging Frontiers, Incorporated	Series 700-D	6/5/1963
M-b-17	Pure-Pak Gallon Carton Equipment	Ex-Cell-O Corporation	UP	7/3/1963
M-b-18	Portable Pipelines	Plymouth Portable Pipelines	C, D, E	7/3/1963
M-b-19	1-Gallon Filler-Sealer	AMI Manufacturing	A-15	7/3/1963
M-b-20	Milk Transfer System	ARCO Manufacturing Company	B, C	7/3/1963
M-b-21	Milk Transfer System	The Schlueter Company	HCDS-10, SHCDS-10, CDS-10, BDS-10	7/3/1963
M-b-22	Submission of Additional Descriptive Material for Equipment Review			7/11/1963
M-b-23	Pure-Pak Steam Defoamer and Sanitary Filler Bowl Lid Seal	Ex-Cell-O Corporation	Part 74-KB-5064, 5065, and 507C	7/23/1963
M-b-24	7-Gallon Multi-Use Poly Milk Dispenser Container	Magi-Pak Corporation		7/29/1963

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M-b-25	Pure-Pak Filler and Sealer	Ex-Cell-O Corporation	WP, Serial 6001 and Up	7/29/1963
M-b-26	Single Service Bag Filler	Fitting Specialties Company	FSC Model T, Ser. No. 1000 and Up	7/31/1963
M-b-27	Kesco Milk Mover System	Kent Supply Company	S-30, RS-30, C, RS-30C, RS-31	9/3/1963
Sup. 1	Kesco Milk Mover System		S-30, SW-30, C, RS-150, RS-100	11/4/1964
M-b-28	Roistrip Filter Dispenser	Johnson and Johnson		10/21/1963
M-b-29	Bulk Milk Dispenser Cans with Sealed Doubled Bottoms	John Wood		1/15/1964
M-b-30	Seal-O-Matic Filler and Sealer	Liquid Package Equipment	LP-750	11/14/1963
M-b-31	Plastic Plug Type Milk and Food Valves	Tanaco	Serial A-225 and Up	11/15/1963
M-b-32	Cattle Drinking Cups, Revised List of Approved Cups			11/15/1963
Sup. 1	Cattle Drinking Cups, Revised List of Approved Cups			4/8/1964
Sup. 2	Cattle Drinking Cups, Revised List of Approved Cups			9/1/1965
Sup. 3	Reito Automatic Float Valve for Cattle Watering Tanks	Reitman Manufacturing Company	500	11/1/1972
M-b-33	2" Ball Check Valves	Ladish Company	45-BY, 45-BYMP	1/17/1964
M-b-34	Boot Seal Valve	Stahlin Corporation		2/3/1964

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M-b-35	Single Service Container and Bag Filler; Filling Valve	Liquid-Box Corporation	2203	Revised 1/10/1966
M-b-36	Pulsator and Visi-Lid for Suspended Bucket	Dairy Equipment Company	8581900, 8500618	3/18/1964
M-b-37	Milk Transport System	Universal	6250, 6730	4/27/1964
Sup. 1	Milk Transport Assembly		7270	5/28/1965
Sup. 2	Milk Transport Assembly		7270-1, 7270R-1	4/13/1967
M-b-38	Minute Man Milk Filler	American Can Company	Tuffy	7/1/1964
M-b-39	Perfection Milk Transfer System	Sta-Rite Products	P593B, P594B, P591B, P595B	7/6/1964
Sup. 1	Perfection Milk Transfer System		DE401-5, DE-300-5, DE-300-6, DE-300-10	3/10/1972
M-b-40	Mechanical Capper for Auto-Fill	Scholle	MF	7/8/1964
M-b-41	Hand Mechanical Capping Device	Waldorf Paper Products Company	1-644000, Serial 4002	8/12/1964
M-b-42	Milk Filter	Filter Equipment Sales Company	100, 200, 300	9/8/1964
M-b-43	Former, Filler, Sealer	Chicago Stainless Equipment	HQ, Serial 1004	9/8/1964
M-b-44	CZ System, Packaging Bag-in-Box Type Container	Crown Zellerbach	3000	9/21/1964

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M-b-45	Milk Transfer Station	Acro Manufacturing Company	RSC	9/25/1964
M-b-46	Cattle Waterers	Star Tank and Boat Company	CPE, CHPE	9/30/1964
M-b-47	Aer-Void Portable Milk Dispensers	Vacuum Can Company	M-954, M-904, M-854, M-804, M-794, M-784	10/21/1964
M-b-48	Sanitary Food Pump	Alemite-Division of Stewart-Warner	7846	10/28/1964
Sup. 1	Cover for Use with the Sanitary Food Pump			4/9/1965
M-b-49	Filler and Capper	Anderson Brothers Manufacturing Company	600PH	10/22/1964
M-b-50	NOR-KEL Defoaming Valve	Crystal Preforming and Packaging Company	M-1	12/1/1964
M-b-51	Seal-O-Matic Filler	Liquid Package Equipment Company	AP-4000	12/1/1964
Sup. 1	Crystal-Matic Filler		AP-4400	6/16/1966
Sup. 2	Crystal-Matic Filler		12-20	5/17/1968
M-b-52	Pure Pack Carton Performer	Northern Illinois Machine Company	NIMCO 200	12/1/1964
M-b-53	Breeze-Pak Capping Head	Proven Products, Nibot Corporation	A, C	12/23/1964
M-b-54	Filler	Eyrle Company	MM6412	2/15/1965
M-b-55	Tri-Clover Bulk Milk Filler	Ladish Company	50D15	2/15/1965
M-b-56	Top-Line Sanitary Milk Pump	Ben H. Anderson Company	P-7	3/29/1965

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M-b-57	Family-Serv Packaging System	Proven Products	S 201-001 and Up, C201-020 and Up	3/23/1965
M-b-58	ARCO Milk Line Dryers for Milk Lines	Ben H. Anderson Company		3/23/1965
M-b-59	Automatic Screw Capper	Resina Automatic Machinery	S-30DL, S-30D	3/23/1965
M-b-60	B and R Meter	Bopp and Reuther	NW-32, NW-50, NW-65, NW-100	3/29/1965
M-b-61	Top Line Milk Transfer Station with and w/o Hose Rack	Ben H. Anderson Company	RS-CP-20 (Without Hose Rack), RS-CP-30 (With Hose Rack)	3/30/1965
See M-b-61	Letter Dated October 18, 1965, on Anderson (Top Line) Milk Transfer Station with/w/o Hose Rack		Anderson Manufacturers and Distributes Under Their Name the same Model Numbers RS-CP-20 (Without Hose Rack), RS-CP-30 (With Hose Rack)	10/18/1965
M-b-62	"Tuffy" Former, Filler, Sealer	Food Machinery Corporation	Crusader 125	4/6/1965
M-b-63	Milk Transfer Station	Zero Manufacturing	RS30, S30, RS31	4/21/1965
M-b-64	Milk Transfer Station	ARCO Manufacturing	Change in Model # (See M-b-20)	4/21/1965
M-b-65	Pure-Pak Packaging Machine	Ex-Cell-O Corporation	XP	5/4/1965
M-b-66	Surge Electrobrain Pipeline Washer	Babson Brothers Company		5/4/1965
M-b-67	Mechanical Hand Filling Device	General Films		5/20/1965
M-b-68	Automatic Filling Heads	Scholle Container Corp.	100, 500	5/21/1965
M-b-69	Sanitary Milk Pump	Sta-Rite Products	SRP	5/28/1965

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Sup. 1	Sanitary Milk Pump		SRP	10/18/1965
M-b-70	Air Activated Pasteurization Vat Outlet Valve w/Leak Detector	Tri-Clover Division, Ladish Company	262D125	7/1/1965
M-b-71	Stainless Steel Sanitary Meter	Badger Meter Manufacturing	SPS-1, SPS-2	7/6/1965
M-b-72	Vacuum Operated Milk Pump	DeLaval Separator Company	8300531-80	7/6/1965
Sup. 1	Vacuum Operated Milk Pump		8300531-81	9/3/1970
M-b-73	Z-RO Line and Fittings	Zero Manufacturing Company	Part # MA524-400 Thru MA524-442, MA520-21, MA195-41, MA120-27	7/9/1965
M-b-74	Sani-Matic Milk Transfer Station	Schlueter Company	PHCT-10, SPHCT-10, PCT- 10, SPCT-10 w/Model 4 Pump	8/11/1965
Sup. 1	Model # Changes		PHT-8, HTS-10, TS-10	7/13/1966
M-b-75	2 and 3-Way Seven Star Valves	Lumaco		8/11/1965
M-b-76	Former, Filler- Sealer	Chicago Stainless Equipment	200, 400	8/16/1965
M-b-77	Filter for Compressed Air	Deltech		9/1/1965
M-b-78	Pre-O-Form Former-Filler and Former; Seal-O-Matic Former-Filler	Paper Package Corporation	200, 300, 100, 340	10/11/1965
M-b-79	Semi-Automatic Can Filler	Mayfair Products		11/9/1965
M-b-80	Milk Pump	Universal Machine	6054-1, 6022-1	11/22/1965

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M-b-81	Semi-Automatic Plastic Carton Pre-Former	Roto-Seal	900	11/22/1965
M-b-82	Fluid Packaging System	Buford Brothers Manufacturing Company	C65820001, V6582001	12/14/1965
Sup. 1	Bag-in-Box Liquid System			10/28/1969
M-b-83	Milk-A-Way Transfer Unit	Rath Manufacturing W, P Company		12/14/1965
Sup. 1	Milk Transfer Unit	Elsinger Manufacturing Co.	EZ	10/22/1970
M-b-84	Sealking Filler and Sealer	Sealright Company, Incorporated	GT-300	2/23/1965
Sup. 1	Additional Shields for Metering Cylinders		GT-300	1/26/1973
M-b-85	Equipment for Washer, Filler, Capper	Shake Break, Incorporated	10, 14, 28, K, 400	3/25/1966
M-b-86	Plastic Bottle Capper	Standard Packaging Corporation	SC-1, SC-2, 5B, 5B8, 5B8-1	3/25/1966
M-b-87	Automatic Screw Capper	Horix Manufacturing Company	KS-1-AP	5/4/1966
M-b-88	Milk Transfer Station	Ben H. Anderson Manufacturing Company		5/4/1966
M-b-89	Kesco Milk Moving Equipment	Kent Supply Company	JR, RSC-P, CP, RSC-100, RSC-150, B	5/5/1966
M-b-90	Hinkley Sanitary Positive Displace- ment Pump	Sta-Rite Products	S-20, S-65, S-150, S-300	5/6/1966



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Sup. 1	Hinkley Sanitary Positive Displacement Pump			6/16/1966
M-b-91	Volumetric Filler	Weyerhaeuser Co.	F	5/6/1966
M-b-92	Milk-O-Matic Milk Conveyer	Dairyland Equipment Co.	CC-43 and PC-43	7/6/1966
M-b-93	Oval Milk Flow Meter	Montgomery Brothers, Incorporated	LS2441, LS2641, LS2741, LS2941	7/18/1966
M-b-94	Flow Diversion Valve (FDV)	Tri-Clover Division, Ladish Company	262D121	8/4/1966
Sup. 1	FDV Leak Detect Line			11/29/1966
Sup. 2	FDV Wiring Diagram		91D212-9	No Date Given
Sup. 3	Additional FDV Wiring Diagram and Visual Leak Detection			10/6/1975
Sup. 4	Correction of M-b-94 and Sup. 1			7/21/1978
Sup. 5	Updated Wiring Diagram for FDV			11/30/1983
M-b-95	Sanitary Vacuum Relief Valve	Q-Controls	QV, QVH, QVF	9/9/1966
Sup. 1	Sanitary Vacuum Relief Valve		QVW	11/30/1967
M-b-96	Sanitary Pressure Gauge	DeLaval Separator Company		9/29/1966
M-b-97	Auto-Filer IV Automatic Filling Device for Bag-in-Box Containers	Scholle Container Corporation		9/29/1966

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M-b-98	Pure-Pak Carton Former Filler Machines	Ex-Cell-O Corporation	VP & ZP	10/12/1966
M-b-99	Milk Conveyor and Transparent Milk Tubing	DeLaval Separator Company	8300433-80, 8300400-80 and 306 PVC Transparent Tubing	10/20/1966
M-b-100	Single Service Plastic Milk Bottle Filler and Sealer	Haskon, Incorporated	24-40	11/18/1966
Sup. 1	Single Service Plastic Milk Bottle Filler and Sealer		28-50	1/24/1967
M-b-101	Multi-Pack Carton Former Filler	Chicago Stainless Equipment Co	2-HH	11/29/1966
M-b-102	Univeral Plastic Bottle Filler and Capper	Ward C. Cramer Associates, Incorporated	PBW, Serial No. 16121 and Up	12/15/1966
M-b-103	Filter-Flow Sanitary Manhole Vent	Walker Stainless Equipment Company		12/19/1966
M-b-104	Sanitary Vertical Form, Fill, Seal Packaging Machine	Packaging Frontiers, Incorporated	Model 700G - Serial No. 64 and Up	12/19/1966
M-b-105	Buckateer Milk Transfer System	Babson Brothers, Incorporated	Model No. 100, 150 and 200	1/12/1967
M-b-106	Sealking Former, Filler, Sealer	Sealright Company	Model 100GT	1/24/1967
Sup. 1	Additional Shielding			1/26/1973
M-b-107	Vented Cover for Rotary Pumps	CP Division, St. Regis	Pumps No. 4 or 6	1/30/1967
M-b-108	Lo-Profile Siphon and Surcingle Breaker Cups	Babson Brothers, Incorporated		4/13/1967

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M-b-109	Whipped Cream Dispenser	Nilsen Manufacturing Company	D-19	4/24/1967
M-b-110	Pure-Pak Aseptic Forming and Filling Machine	Ex-Cell-O Corporation	NP, Ultra-Clean Unit	5/23/1967
M-b-111	Pump	Jabsco Pump Company	12810	5/23/1967
M-b-112	Washer-Releaser	Bender Machine Works, Inc.	1600 and 1800	6/7/1967
M-b-113	Speed-Creamer	Auto-Pak, Incorporated	1000	6/7/1967
M-b-114	Bag-in-a-Bag System	Olinkraft, Incorporated	VFD-10QL and VDF-10QS	6/12/1967
M-b-115	Five Gallon Multiple Use Container	Plastican Corporation		7/19/1967
M-b-116	BIMBA Actuated Fluid Valve	Scholle Container Corporation	NL 004000	11/27/1967
M-b-117	Vibrating Milk Cap Feeder	Syntron Company	C-114238	2/20/1968
Sup. 1	Vibrating Milk Cap Feeder		VM #40	8/20/1973
M-b-118	Sanitary Level Transmitter	Foxboro Company	17FES-MS, Serial # 1867490	3/4/1968
M-b-119	Filler and Washer	Magi-Pak Corporation	0001 and Up, 00AA and Up	4/4/1968
M-b-120	Liqui-Matic High Speed Precision Filler	Liqui-Box Corporation	440, 880	5/5/1968
M-b-121	Flow Limit Device	Mojonnier Brothers Company	FLD-3 Serial #5000 and Up	5/17/1968

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M-b-122	Raw Milk Booster Pump Controller on HTST Pasteurizers	DeLaval Separator Company		5/17/1968
M-b-123	Seal-O-Matic Former-Filler	Haskon, Incorporated	540	5/17/1968
M-b-124	Air Actuated 3" Flow Diversion Valve	Taylor Instrument	Serial # I.E.D. 35159	7/9/1968
M-b-125	Filling, Sealing and Packaging Container System	Portion Containers, Incorporated	7200 and Up - 7201 and Up	7/9/1968
M-b-126	Filter Dispenser	Filters, Incorporated	608	7/9/1968
M-b-127	Polymation "Bag-in-Box" Filler	Metronics, Incorporated	6FS	7/15/1968
M-b-128	Packaging Equipment	Ex-Cell-O Corporation	MP Serial # HP-2503 and HP-2504	11/15/1968
M-b-129	Packaging Equipment	Ex-Cell-O Corporation	NLL Serial # NLL 10182	11/15/1968
M-b-130 Also See M-b-167	Plastic Coated Carton Former-Filler-Sealer	Northern Illinois Machine Company	NIMCO-500, NIMCO-545	12/4/1968
M-b-131	Formseal & Filler	Anderson Brothers Manufacturing Company	E-5 with Filler Model 697-16-2 and Model B with Filler Models 697-9-3 and 697-9-6	2/20/1969
M-b-132	Isolok Automatic Sampling Device for Raw Milk	Bristol Engineering Company	M-4JS	4/10/1969
M-b-133	CTA Ultra-High-Heat Processor	CP Division, St. Regis	40, 80, 120 and 210	4/10/1969
M-b-134	Sanitary Pressure Indicator	Taylor Instrument Company	117K	4/11/1969
Sup. 1	Sanitary Pressure Indicator		447K	5/26/1976
M-b-135	Port-O-Matic Filler-Capper	Haskon, Incorporated	101	10/29/1969

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M-b-136	Sweetheart Flexi-E-Fill Filler and Capper	Maryland Cup Corporation		11/12/1969
M-b-137	Heat Exchanger (Including Press And Plates)	Cherry-Burrell		11/18/1969
M-b-138	Pitcher-Pak Filling Machine	Pre-Pac Company	1S-2	12/4/1969
M-b-139	Automatic Capping Machine	Eastern Cap and Closure Co.	38E-2, 38A-2, 48E-2, 43E-2	1/12/1970
M-b-140	Siemens Meters and Air Eliminators	Delaval Separator Company	MZS, MRP, MVP, MVPD, MVRP, MVRS, DSM and VAE	1/12/1970
Sup. 1	Siemens Meters and Air Eliminators			4/16/1974
M-b-141	Pour-Pak System	Scholle Container Corporation	Auto-Fill 20	3/20/1970
M-b-142	Former-Sealer	Adolf Illig Company	RDM-40FS	4/2/1970
M-b-143	Filler-Sealer	Regent Containers, Limited	M-450	4/14/1970
Sup. 1	Filler-Sealer		M-450-A	10/22/1970
M-b-144	Milk Pump	Ben H. Anderson Manufacturing Company	P-7	4/30/1970
M-b-145	Milk Fillers and Cappers	Goyette Machine Associated	PBF, PBB and Cappers HSC, HC	5/1/1970
M-b-146	Zero Through-the-Wall Farm Bulk Tank	Zero Manufacturing Company		5/1/1970
M-b-147	Surge Tru-Test Milk Meter	Babson Brothers Company	26035, 26038	5/13/1970

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M-b-148	Twinsac Thimonnier, Liquid Pouch Packaging System	Thimonnier and Cie, and Twinpak, Incorporated	D4/0 Serial No. 138 and Up, D4/2 Serial No. 214 and Up	6/5/1970
M-b-149	Sanitary Plug- Type Valve	Morland Products		10/8/1970
M-b-150	Tube-Master Heat Exchanger	Girton Manufacturing Company		10/9/1970
M-b-151	Rotapac Filling Machine	Ravema Company	UP-5	10/9/1970
M-b-152	Concord Milk Claw and Conventional Milk Claw	Zero Manufacturing Company		10/12/1970
M-b-153	CIP Flow Diversion Diversion	Alloy Products Corporation		11/10/1970
Sup. 1	CIP Flow Diversion Valve			6/2/1971
Sup. 2	Correction of M-b-153, Sup. 1			7/21/1978
M-b-154	Reclassification – Former, Filler, Sealer Machines	Cherry-Burrell Corporation	Q-80, Q-160, H-75, H150, G-60	11/23/1970
M-b-155	Air Actuated Valve	Lumacs Food Processing Equipment	Types A1 – A6, B1 – B6, C1 – C6	1/18/1971
M-b-156	Rigid Mount Weigh Jars	Dairy Equipment Company		2/4/1971
M-b-157	Autoweld Bottling System	Koekring, Brown Machine Division	AWF-1014	2/12/1971
M-b-158	High Speed Mixer	Norman Machinery Company	150 and 400	2/17/1971

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M-b-159	Renumbering - Former-Filler- Sealer	Haskon Equipment Division	340U, 540U	3/8/1971
M-b-160	CIP Flow Diversion Valve	G and H Products, Incorporated	GC 60FDV	5/28/1971
M-b-161	Former-Filler Machine	Bertopack Ltd.	026, 036; Series #16	6/18/1971
M-b-162	Tearstrip Straw-hole Container	Foremost Foods Company		7/20/1971
Erratta	FDA Region Correction			8/11/1971
M-b-163	Cleaning System and Storage Tank Recording Thermometer	The Partlow Corporation	RFT-J667	8/20/1971
M-b-164	Indicating and Air Space Thermometers	Anderson Instrument Company, Incorporated	LS22E, AS3C, P5D, JR9E, UR4B	10/20/1971
Sup. 1	Correction in M-b-164			11/2/1971
Sup. 2	Additional Dairy Thermometer Series		C, BV, BVB, BVR, BVL	7/27/1972
M-b-165	Milk Pump Assembly	Chore-Boy Division, Golay and Company		10/21/1971
M-b-166	Recorder Controller	The Partlow Corporation	RFH-J673	10/21/1971
Erratta	Notice of Error, Nov. 29, 1971			11/29/1971
M-b-167	NIMCO Former- Sealer-Filler	Northern Illinois Machine Company	720	1/12/1972

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	Re: M-b-130 And M-b-167		500 & 720	3/10/1972
M-b-168	Farm Milk Cooling Tank	Girton Manufacturing Company	D5	3/10/1972
M-b-169	Sanitary Boot Seal Valve	Sta-Rite Industries, Incorporated		3/13/1972
M-b-170	Washer-Cooler, Drainer, Creamer; Vari-Speed Food Pump for Cottage Cheese	Grace Manufacturing Corporation		3/14/1972
M-b-171	Screw Capping Machine	Stewart-Walker Company	405-B	3/14/1972
M-b-172	Brown-Fords Twin Cap Press	Brown Machine, Division of Koehring Company	A-1400-TT/1	5/15/1972
M-b-173	Screw Capping Machine	Eastern Cap and Closure Company	38E-4	5/18/1972
M-b-174	Sanitary Mini Disc Valve	Lumaco		7/27/1972
M-b-175	Milk Filler	Ex-Cell-O Corporation	KP	8/17/1972
M-b-176	"Patriot" Liquid Packaging Machine	Package Machinery Company	FP-1	8/21/1972
M-b-177	Recording Thermometers	Partlow Corporation	RFT-J703	10/31/1972
M-b-178	Finnpack Form, Fill, Seal Milk Packaging Machine	Len E. Ivanson	FP1650, FP3300	11/1/1972
M-b-179	Turbine Flow Meter	Scholle Container Corporation	SC, Serial #1	1/24/1973



<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
M-b-180	Milk Filler Machine	Ex-Cell-O Corporation	RLL	1/23/1973
M-b-181	Milk Filler Machine	Ex-Cell-O Corporation	QUC	1/24/1973
M-b-182	Centrifugal Milk Pump and Milk Leveler Control	DeLaval Separator Corporation	8301755-80 8301756-80	1/24/1973
M-b-183	Fil-Per-Pak Thermoform-Fill-Seal Packaging Machine	Filper Corporation	71-D	2/8/1973
M-b-184	No-Box Container and #724 Liner Bag	Scholle Corporation		2/22/1973
M-b-185	Milk Packaging Machine	Pitcher Pak Corporation	1S-5	2/22/1973
M-b-186	Milker Claw Assembly	DeLaval Separator Company	Part #8301900-80	6/6/1973
M-b-187	Case-Pak Dispenser Packaging System	Parish Manufacturing, Incorporated		6/13/1973
M-b-188	Satellite Conveyor Milk Claw	Conde Milking Machine Company		7/9/1973
M-b-189	Seal-O-Matic Former-Filler-Sealer	Haskon, Incorporated	740-I	8/13/1973
M-b-190	Swivel Joint	LC Thomsen and Sons, Inc.		9/7/1973
M-b-191	Filler	Liqui-box Corporation	1000, C-2T, C-1T, C-2B, C-1B	10/12/1973
M-b-192	Auto-Fill IX Milk Filler	Scholle Container Corporation		10/12/1973

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
M-b-193	Refrigerated Milk Dispenser	Liqui-Box Corporation and Ebco Manufacturing Company	FHR	12/11/1973
M-b-194	Milk Filler	Liqui-Box Corporation	# 620	11/28/1973
M-b-195	Kesco Pipeline Receiver Panels	Doug Johnson Industries, Incorporated	27101, 27201	3/8/1974
M-b-196	Auto-Fill X Milk Filler	Scholle Container Corporation		7/31/1974
M-b-197	Vibrating Milk Cap Feeders	Syntron Division, FMC Corporation	4-140,140-A, 140-B, 140-C, 140-D	7/10/1975
M-b-198	Cap Supply Hopper and Screw Cap Capping Machine	Eastern Cap and Closure Company	CH-100 74A	7/10/1975
M-b-199	Vibratory Cap Feeder	Rikart Manufacturing, Incorporated	RMI-24-CAS-D, Serial #D1 and Up	9/15/1975
M-b-200	Lab Pumps with Pumpheads	Fluid Metering, Incorporated	RP-P-SAN Pumpheads	2/26/1976
M-b-201	Milk Filler for Plastic Gallon and ½ Gallon Containers	E.P. Remy and Company	7032	5/26/1976
M-b-202	Compression Couplings for Milk Pipeline	DeLaval Separator Company	Part # 830-1716-80 1", 830-1716-81 2"	9/23/1976
M-b-203	Automatic Flow Sensor	Germania Dairy Automation, Inc.	FS-1	10/26/1976
M-b-204	Vacuum Shut-off and Flow Sensor Assembly	Ross-Holm	A-858	10/26/1976

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
M-b-205	Bou-Matic Milk Valve Assembly Flow Sensor Assembly	Dairy Equipment Flow Company	3551903 3551762, 3553100	10/28/1976
Sup. 1	Bou-Matic Milk Valve Assembly Flow Sensor Assembly		Part 3553002 <u>Not</u> 3553100	4/22/1977
M-b-206	Milk Filler	Ex-Cell-O Corporation	CD94X, QM2D	10/29/1976
M-b-207	Bag Filler	Scholle Corporation	Auto-fill V, Auto-fill XII, Auto-fill IXC	12/9/1976
M-b-208	Liquid Box Filler	Corco Incorporated, Liqui-Box Division	1100C2T, 1100C1T	12/10/1976
M-b-209	APC Flow Diversion Valve	Alloy Products Corporation	FDV 7500, FDV 7800	12/13/1976
Sup. 1	Valve Instruction Manual			12/13/1978
M-b-210	Pouch Filler	Pitcher Pak Corporation	IS-5M	12/22/1976
M-b-211	Milk Flow Sensor and Automatic Milker Remover	Schlueter Company	Safeguard "ACR"	7/26/1977
M-b-212	Milk Flow Sensing Chambers	DeLaval Separator Company	959499, 961436	7/26/1977

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 1	Modification of Chambers		959499-85, 961436	6/14/1979
M-b-213	Flow Diversion Device	Cherry Burrell Corporation	262-FD, 292-FD	12/23/1977
Sup. 1	Flow Diversion Device		Revised Manual 5438-77 R 1/78 for 262-FD and 292-FD	4/7/1978
Sup. 2	Flow Diversion Device		W262 and W282 FDD (1", 1½", 2", and 2½") With High Pressure Adapter	7/21/2005
M-b-214	Jet Cooker	Bepex Corporation, Rietz Division	JC-770373 and Greater	12/23/1977
M-b-215	Fragile Foods Pump	Bepex Corporation, Rietz Division	803D, 808D	4/7/1978
M-b-216	Surge VSO Automatic Shut-off Control	Babson Brothers Company	21569	4/14/1978
Sup. 1	VSO w/Stainless Steel Base			5/24/1978
Sup. 2	VSO Strainer			12/29/1978
M-b-217	Clean Machine Sanitary Basket Centrifuge	DeLaval Separator Company		4/14/1978
M-b-218	Milk Meter Flow Sensor Assembly	Dairy Equipment Company	355250 3552164	6/5/1978
M-b-219	HTST Controller	Foxboro Company	M/40R	6/5/1978

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 1	Chart #87705			3/22/1979
Sup. 2	HTST Controller			1/8/1982
Sup. 3	Renumbering Terminals and Wiring Diagram			8/1/1983
M-b-220	Rietz Creamer	Bepex Corporation, Rietz Division	RC-(20-30-40-50-60-70) Serial # RC-000-000	6/5/1978
M-b-221	Pouch Pack Milk Packaging System	Twinpak Ltd. and Liqui-Box Corporation	MIR I, MIR II	6/5/1978
M-b-222	Vacuum Air Operated Valve	Scholle Container Corporation		10/13/1978
M-b-223	Full-Flo Secondary Drain	Babson Brothers Incorporated	31482	12/29/1978
M-b-224	Dual Diversion Recorder- Controller	Partlow Corporation	RFH-J7552, Serial 7130763, Chart #A122F – 12 Hour	1/8/1979
M-b-225	Milk Flow Monitor	Westfalia Systemat	7053-2437-070	1/6/1979
M-b-226				Not Issued
M-b-227	High Capacity Milk Claw	DeLaval Separator Company	8303400-80	8/8/1979
M-b-228	Gaskcovent Tank Venting System	Light Industrial Design Company		9/10/1979
M-b-229	Bodmin Nu-Pulse Milk Claw	America's International Dairy Equipment Co.	A10001	9/10/1979
M-b-230	Pure-Pak Fillers- Sealers	Ex-Cell-O Corporation	120, 125, 220, 320	11/15/1979
M-b-231	Fillers & Sealers	Brik Pak, Inc.	AB3, AB5	11/15/1979

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 1	Headspace Gas Injection and Dosing Unit			7/25/1986
M-b-232	Filler and Sealer	Vercon, Incorporated	AWF-1014V	11/26/1979
M-b-233	Automatic Fill XVI Bag Filler	Scholle Corporation		1/10/1980
M-b-234	Air-Intake Valve Assembly and Discharge Valve Assembly	Westfalia Systemat	7053-2938-040 7053-2938-020	3/10/1980
M-b-235	Refrigerated Milk Receiver	Paul Mueller Company	Parts #93766 and 93749	9/26/1980
M-b-236	Milk Product Filler	Vercon, Incorporated	System 2	10/31/1980
M-b-237	Magnetic Flow Meter System to be Used in Lieu of a Metering Pump	Foxboro	Series 2800 Foxboro Magnetic Flow Meter, Series E96S Magnetic Flow-to-Current Converter, a Series 63U Electronic Alarm, a Model E69 Current-to-Air Transducer, a Series 130 Pneumatic Controller, and a Series 120 Pneumatic Recorder	2/6/1981
Sup. 1	Magnetic Flow Meter System to be Used in Lieu of a Metering Pump		Additional Research by FDA Food Engineering Branch-Use for Products with Viscosities no Greater than Ice Cream Mix	10/29/1982
Sup. 2	Magnetic Flow Meter System to be Used in Lieu of a Metering Pump		Additional Research by FDA Food Engineering Branch Indicates System Useable for All Products Irrespective of Viscosity. Deletes Paragraph 2 of Supplement 1	1/7/1983

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 3	Magnetic Flow Meter System Used in Lieu of a Metering Pump		Substituting a Duplex Alarm Unit (63U-BT-OJER) for the Approved Single Alarm Unit (Model 63U-OJBA)	8/1/1983
M-b-238	Magnetic Flow Meter System to be Used in Lieu of a Metering Pump	Taylor	Taylor X-1100 LK Sanitary Magnetic Flow Meter, a 1100 TK Magnetic Flow-to-Current Converter without Automatic Zeroing Option, a 1401 TA Current-to-Air Transducer, an X 122 RF 137 Flow Recorder with Event Marker, and a 1016 NA High Flow Alarm	2/6/1981
Sup. 1	Magnetic Flow Meter System Used in Lieu of a Metering Pump		Additional Research by FDA Food Engineering Branch-Use for Products with Viscosities Not Greater than Ice Cream Mix	10/29/1982
Sup. 2	Magnetic Flow Meter System to be Used in Lieu of a Metering Pump		Additional Research by FDA Food Engineering Branch Indicates System Useable for All Products Irrespective of Viscosity. Deletes Paragraph 2 of Supplement 1	1/7/1983
Sup. 3	Modification of Wiring Diagram for Taylor Magnetic Flow Meter Systems to be Used in Lieu of a Metering Pump		Corrected Wiring Diagrams	1/14/1985
M-b-239	Surge Mini-Orbit Milker Claw	Babson Brothers, Incorporated	Part # 19787 w/Valved Outlet as Part # 19789	6/26/1981
M-b-240	Auto-Fill XVII Milk Filler	Scholle Corporation		9/21/1981
Sup. 1	Picture of Auto Filler XVII			9/30/1982
M-b-241	Surge Kube Cooler	Babson Brothers, Incorporated	81050	9/25/1981

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 1	Surge Kube Kooler		81735	8/15/1983
M-b-242	AC-Variable Frequency Controller on Metering Pump for HTST Pasteurizer			9/30/1982
M-b-243	Milk Filler	Pure-Pak	235 Pacesetter	9/30/1982
M-b-244	PKL Combibloc Fillers	Blockpak, Incorporated	CF 5.000, CF 6.000, CF 10.000	9/30/1982
Sup. 1	Renumber Models		CF505A, CR506A, CF606A, CF706A, CF510A	12/21/1984
M-b-245	Flo-Master™ Milk Meter	DeLaval Agricultural Division, Alfa- Laval, Incorporated	Part # 8304200-80	9/30/1982
M-b-246	Sani-Pro Polypropylene Plastic Fittings, Tees and Elbows	Bou-Matic	1", 2", 2½" and 3"	9/30/1982
M-b-247	VISOTRON Automatic Pulsation Arrestor	Westfalia Systemat	Part # 7051-2910-030	9/30/1982
M-b-248	Pipeline Receiver System	Westfalia Systemat	Part #4018-2100	9/30/1982
M-b-249	Safety Thermal Limit Recorder- Controller System	Foxboro	120 Series	9/30/1982
M-b-250	HTST Recorder- Controller	Anderson Instrument Company	HT-223-A240, HT-223- A240D, HT-323-A250, HT-323-A250D	9/30/1982



<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 1	Modification for Higher Temperature			11/9/1984
Sup. 2	Additional Model Numbers		HT-223-A240S, HT-323-A250S, HT-323-A240S, HT-323-A240D, HT-423-A240S, HT-423-A240D, HT-223-A000S, HT-223-A000D	3/18/1988
M-b-251	Differential Pressure Controller for HTST Pasteurizer System	Partlow Corporation	100	10/29/1982
M-b-252	Recorder-Controller System	Taylor	1400J Series Using an X210 Transmitter	10/29/1982
Sup. 1	Platinum Resistance Bulb			12/14/1983
Sup. 2	Temperature Transmitter		351 R/352 R or 1400 Series Using an X210T or X211T Transmitter	8/1/1986
M-b-253	Milker Claw	Bodman Nu-Pulse America, Incorporated	MLX	8/15/1983
M-b-254	HTST Differential Pressure Switch	Anderson Instrument Co.		9/23/1983
Sup. 1	Transducer Seals			5/15/1997
M-b-255	Pipeline Pulsation Dampener	APV Gaulin Corporation	899827	9/29/1983
M-b-256	Mastitis Detector	AMBIC Equipment, Limited - RJB Co Distributor	MK II	11/29/1983
M-b-257	Electronic Recorder Controller	Partlow Corporation	ER 1300	12/2/1983

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
M-b-258	Rotary Drum Cap Sorter and Capping Head	Fogg Filler Company	D	12/5/1983
M-b-259	Pure-Pak Milk Filler	Ex-Cell-O Corporation	240	12/6/1983
M-b-260	Pouch Milk Filler	Thimonnier and Cie, and Twin-Pak, Incorporated - Distributor	M-3100 and M-3200	12/7/1983
M-b-261	Flow Diversion Device	Superior Stainless	Model K60-FDV	12/9/1983
M-b-262	Allflex Automatic Detacher	G.C. Hanford Manufacturing Co	MARK II	12/14/1983
M-b-263	Window Conveyor Claw	Conde Milking Machine Company	Conde Satellite III	12/15/1983
M-b-264	Milk Flow Meter I	Universal Milking Machine	Part 350015	1/13/1984
M-b-265	Form-Fill-Seal Equipment	Benco Machine E Linee Di Confecezio-Namento Packaging Lines	Asepack 2	3/12/1984
M-b-266	Magnetic Flowmeter System Used in Lieu of a Metering Pump for HTST Pasteurizers	Accurate Metering Systems	IZI Diessel Magnetic Flowmeter, Partlow 2 Recorder-Controller, Masoneilan Current-to-Pressure Transducer, Tri-Clover Air-Activated Flow Control Valve	3/14/1984
M-b-267	Bag-in-Box Milk Filler	Scholle Corporation	#12BD	4/9/1984
M-b-268	Sanitary Steam Injection Heater	Pick Heaters, Incorporated	SC-7, SC-10, SC-25	4/20/1984

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
M-b-269	Booster Pump Controller	Foxboro Company	#43EP	7/13/1984
M-b-270	Pure-Pak Milk Filler	Ex-Cell-O Corporation	335 Pacesetter	7/13/1984
M-b-271	Bio-Milker Milking Machine Claw	Westfalia	7022-2600-010	8/24/1984
M-b-272	Tetra-Brik Packaging Machine	Tetra-Pak, Incorporated	AB9	1/14/1985
M-b-273	Eclipse Milker Claw	Babson Brothers, Incorporated	34150	3/18/1985
M-b-274	Metatron Milk Monitor	Westfalia	Part #7161-2457-010	4/5/1985
M-b-275	E-Z-Flo SS Coupling, Adapters and Hose	Dayco Group		7/19/1985
M-b-276	“Alert” End of Milking Indicator	Babson Brothers, Incorporated	21960, 21980	7/22/1985
M-b-277	Auto-Fill Bag-in- Box Filler	Scholle Corporation	12BDK 12BK	7/31/1985
M-b-278	Quadro-Flo Milker Claw	Chore-Boy Corporation	Claw I 61480, Claw II 61580, 61581, Claw III 61460, 41461	2/3/1986
M-b-279	Electronic Milk Meter	Zero Manufacturing Co		2/7/1986
M-b-280	Auto-Fill Bag-in- Box Milk Fillers	Scholle Corporation	9S and 9D	3/14/1986
M-b-281	Pacesetter Bag-in- Box Milk Filler	Liqui-Box Corporation	1110 CITO, 1110 CITO ESL	3/14/1986
M-b-282	Replaceable PTFE Fluorocarbon Valve Seats	Tri-Clover Division, Ladish Company Incorporated		3/24/1986

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
M-b-283	Milk Fillers	Manufactured by Shikoka Kakoki Company - Distributed by Ex-Cell-O Corporation	UP-S120, UP-M160	7/25/1986
M-b-284	Surge Stanchion VSO Milk Unit Retractor	Babson Brothers, Incorporated	Assembly #21612	8/25/1986
M-b-285	Magnetic Flow Meters Using A-C Variable Frequency Motor Drives on Centrifugal Pumps in Lieu of a Positive Displacement Metering Pump on HTST Pasteurizing Systems			9/19/1986
Also See M-b-237, 238 and 266				
M-b-286	Electronic Milk Meter	ENFARM B.V. ENRAF-NONIOUS GROUP	Enfarm Electronic Milk Meter	10/3/1986
M-b-287	Sanitary Vulcanized Hose	Dairy Industry, Incorporated		10/10/1986
M-b-288	Eclipse Milking Unit	Babson Brothers Company, Incorporated	34150, 34175	10/17/1986
M-b-289	3" SS-to-Glass Adapter for Receiver Jar	Babson Brothers Company, Incorporated	28538, 28539, 28526	10/17/1986
M-b-290	Flo-Star™ Milking Claws	Dairy Equipment Company	8506848, 8506864	5/26/1987
Sup. 1	Flo-Star™ Milking Claws		Redesign and Fabrication of 8506848-New 8512558 and 8512559	6/13/2005
M-b-291	Milk Sentry™ End-of-Milk Indicator	Dairy Equipment Company	3554242	5/26/1987

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
M-b-292	Cup Filler	Waldner Dosomat – 1, 2 and 10 Herman Waldner GMBH and Co.		11/3/1987
M-b-293	Surge Dairy Manager™ Milk Meter	Babson Brothers Company	Part #47210	11/5/1987
M-b-294	Bulk Filling Machine	Pryor Packaging Machines, Incorporated	PPMC-150	2/19/1988
M-b-295	Product Transfer Pumps	Pryor Packaging Machines, Inc.	TP-40-2, TP-200, TP-200-4	2/19/1988
M-b-296	Sentinel™/New- pack Thermoform Fill-Seal Machine	Sentinel Machine Division, Packaging Industries Group, Incorporated	FM-100M, FM-150M, FM- 200M	2/26/1988
M-b-297	Sealcup™ Filler	Purity Packaging, INNOPAC Corporation	802, EC802, 1002, EC1002, 1202, EC1202	2/29/1988
M-b-298	Clay Milking Machine	Gascoigne-Melotte B.V.	Part #429174, 429205, 492157, 037780, 480081	5/19/1988
M-b-299	Clay DV-5 Diaphragm Valve	Gascoigne-Melotte B.V.	#D-385637	7/8/1988
M-b-300	Pre-Pak Milk Fillers	DuPont, Canada, Incorporated	IS-3, IS-6	9/16/1988
M-b-301	Milky Sway Swivel™	Jerrine Company, Incorporated	#200	9/19/1988
M-b-302	Delta Air- Operated Milk Valve	APV Rosista, Incorporated	SU22, SU23	12/16/1988
M-b-303	Fulscope ER/C Recorder- Controller	Taylor Instrument Company	ER/C Models 1900J and 1900R	1/6/1989

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 1	Field Modifications			12/1/1992
M-b-304	Centrifugal Pumps	Ampco Pumps	DC2, DCH2	7/12/1989
M-b-305	Safety Thermal Limit Recorder	Anderson Instrument Company, Incorporated	700	10/13/1989
M-b-306	Clay Milk Meter	Gascoigne-Melotte B.V.	MR 2000	1/12/1990
M-b-307	Auto-Fill Bag-in-Box Milk Filler	Scholle Container Corporation	9DL	4/5/1990
M-b-308	Milk Product Filler	Pryor Packaging Machine Corporation	1300	4/6/1990
M-b-309	Dairy Hose Couplings and Hoses	Titan Industries	SW 440, SW 330, SS 280	4/6/1990
M-b-310	Flow Diversion Device w/Relay Logic-Based Control Panel	G and H Products Corporation	SRC-RD	9/6/1990
M-b-311	SS Sanitary Vacuum Breaker	Vacu-Purg, Incorporated		9/18/1990
M-b-312	Truline Circular Chart Recorder Controller for Use as Safety Thermal Limit Recorder Controller	Honeywell, Incorporated	DR 4500	3/15/1991
M-b-313	Programmable Logic Controller System for Flow Diversion Device	Custom Control Products, Incorporated	FDVC 5025P, FDVC 5027P	3/15/1991

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 1	Additional Models with Location of Regulatory Seals		5025P, 5027P, 5035P, 5037P, 5045P, 5047P	1/20/1993
Sup. 2 Amends M-b-313 and M-b-313 Sup. 1	Tuchenhagen North America Purchased Custom Control Products, Incorporated and Manufacturers the Products Listed	Tuchenhagen North America, LLC		7/7/2002
M-b-314	“DART” Digital Reference Thermometer (DRT)	Anderson Instrument Company		11/27/1991
M-b-315	Reseal and PermaSeal Couplers and Sanigard Hose	Sanitary Couplers, Incorporated		4/8/1992
M-b-316	SS In-Line Sight Glass	Dairy Industry, Incorporated and Key Industrial		5/12/1992
M-b-317	American Classic Visible Milker Claw	Westphalia Systemat		10/8/1992
M-b-318	Modular One Bag-in-Box Milk Filler	Liqui-Box Corporation	2000 C1T-A, Low Acid, Aseptic; 2000 C1T-ESL, Extended Shelf Life; 2000 C1T-0, Standard	12/15/1992
M-b-319	Programmable Logic Controller System for Flow Diversion Devices	Custom Control Products, Incorporated	5055P, 5057P, 5065P, 5067P, 5075P, 5077P.	5/1/1993

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 1 Amends M-b-319	Tuchenhagen North America Purchased Custom Control Products, Incorporated and Manufacturers the Products Listed	Tuchenhagen North America, LLC		7/7/2002
M-b-320	IZM Series Electromagnetic Flowmeter Soft- ware Version 2.2	Accurate Metering Systems		6/15/1995
M-b-321	Magnetic Flow Meter	G and H Products Corporation	PD340 MBTS	6/30/1995
M-b-322	Mechanically Cleanable Vacuum Breaker	G and H Products Corporation	GHVB	1/29/1996
M-b-323	Magnetic Flow Meter with Transmitter	ABB Kent-Taylor, Incorporated	Magmaster	9/19/1996
M-b-324	Magnetic Flow Meter Recorder/ Controller	ABB Kent-Taylor, Incorporated	C1900	9/19/1996
Sup. 1	Magnetic Flow Meter Recorder/ Controller	ABB Kent-Taylor, Incorporated	New EPROM Parts-C1900- 2201 XX	7/22/2005
Sup. 2	Magnetic Flow Meter Recorder/ Controller	ABB Kent-Taylor, Incorporated	EPROM Parts-C1900-2101	10/31/2008
M-b-325	Magnetic Flow Meter Recorder/ Controller	ABB Kent-Taylor, Incorporated	C1950	9/20/1996
Sup. 1	Magnetic Flow Meter Recorder/ Controller	ABB Kent-Taylor, Incorporated	New EPROM Parts-C1900- 2201 XX	7/22/2005



<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 2	Magnetic Flow Meter Recorder/ Controller	ABB Kent-Taylor, Incorporated	EPROM Parts-C1900-2101	10/31/2008
M-b-326	Digital Indicating Thermometer	Andersen Instrument Company	Digi-Therm	9/26/1996
M-b-327	Self Powered Digital Read Thermometers	Wahl Instruments, Incorporated	Series DST 200 and DRS 3	9/26/1996
M-b-328	Battery Powered Digital Thermometers	Chicago Stainless Equipment	Sani-Flow	9/26/1996
M-b-329	Pouch Milk Fillers	Dupont Canada, Incorporated, Liquid Packaging	Prepac IS-7 and IS-7M	6/6/1997
M-b-330	Flo-Diversion Valves and Panels	Tri-Clover, Incorporated	Model 762-227 and 762-227MRAL	6/6/1997
M-b-331	Differential Pressure Booster Pump Controller	ABB Kent-Taylor	Commander 320	8/16/1999
M-b-332	Microprocessor Based Safety Thermal Limit Recorder	Anderson Instruments	AV9900	8/16/1999
Sup. 1	Microprocessor Based Safety Thermal Limit Recorder		Provides for Additional Recording Capabilities of a Safety Flow Limit Recorder	7/22/2005

<u>CODE</u>	<u>EQUIPMENT</u>	<u>COMPANY</u>	<u>MODEL/SERIAL #</u>	<u>ISSUE DATE</u>
Sup. 2	Microprocessor Based Safety Thermal Limit Recorder/Safety Flow Limit Recorder		Revision 3.0 of the Field Setup Guide	11/21/2006
M-b-333	Coupling Sleeve	LTI, Incorporated	Model 2250	11/16/2001
M-b-334	Fluid Transfer Systems Including Valve Spool and Air Blow System	LTI, Incorporated	FTS-1994, FTS-5011, SABS-1000	11/16/2001
M-b-335	Break to Atmosphere Twin Tanks	Warren Taylor Services, Inc.		11/30/2001
M-b-336	Mix Proof Valves	Bardiani Valvole USA/ProTerm	Bardiani ZL, 2"	9/16/2002
Sup. 1 Amends M-b-336	Additional Model Sizes		Bardiani ZL, 2.5', 3' and 4" and the Giotto Control Top	9/3/2004
M-b-337	Mix Proof Valves	Defontaine of America, Incorporated, Department Definox	Definox VDCI PMO, 2", 2½", 3", 4", and 6"	9/16/2002
M-b-338	Mix Proof Valve	Alfa Laval, Inc.	G & H SMP-SC2 PMO Singled Bodied Mix-Proof	7/7/2003
M-b-339	Mix Proof Valve	Sudmo, Inc.	Sudmo D620-PMO Series Single-Bodied Double Seat Valve (1", 1½", 2", 2½", 3", 4", and 6"	9/8/2003
M-b-340	Mix Proof Valve	Tuchenhagen North America	Tuchenhagen Varivent Mix-Proof Type M.O. Valve	9/8/2003
M-b-341	Mix Proof Valve	APV Invensys	APV Full Line Size Leak Detect Rosista Series DF2 Mix-Proof "Double Seat Valve"	9/8/2003
M-b-342	Electromagnetic Flow Measuring System	Accurate Metering System, Inc.	Accurate Metering System, Inc. IZMS Electromagnetic Flow Measuring System for	9/8/2003

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Sup. 1	Electromagnetic Flow Measuring System	New Manufacturer-Anderson Instrument Co., Inc.	Use as a Magnetic Flowmeter	7/22/2005
M-b-343	Flow Diversion Device	Bardiani Valvole USA	Bardiani Valvole USA/Pro Therm ZP-FD Flow Diversion Device	12/10/2003
M-b-344	Mix Proof Valve	Alfa Laval, Inc.	Alfa Laval Uniq-PMO Sanitary Mix-Proof Valve (Sizes 2", 2 1/2", 3" and 4")	12/11/2003
M-b-345	Electromagnetic Flow Measuring System	Endress and Hauser, Inc.	Endress and Hauser PROline Promag 50/53 H Electromagnetic Flow Measuring System	3/30/2004
M-b-346	Circular Chart Recorder/Controller	Honeywell, Inc.	Honeywell DR4500A Truline Series HTST, STLR and Pasteurization Flow Circular Chart Recorder/Controller	3/30/2004
M-b-347	Flow Diversion Device	Sudmo, Inc.	Sudmo BAA S400 Flow Diversion Device, Model 2000 DN 1"-4" inch	9/10/2004
Sup. 1	Flow Diversion Valve, Equipped with Proximity Switches	Sudmo, Inc.	Sudmo BAA S400FDV-IT Select Flow Diversion Valve, Sizes DN 1", 1.5", 2.0", 2.5", 3.0", And 4"	9/21/2011
Sup. 2	Flow Diversion Device and Flow Diversion Valve, Equipped with Proximity Switches	Sudmo, Inc.	Sudmo BAA S400 Flow Diversion Device, Model 2000 and BAA S400FDV-IT Select Flow Diversion Valve Equipped with Proximity Switches	7/23/2014
M-b-348	Mix Proof Valve	Waukesha Cherry-Burrell	Waukesha Cherry-Burrell W75RS PMO Double Seat Mix-Proof Valve 1"-4" inch (Spill-Free Design)	10/4/2004

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M-b-349	Aseptic Product Valve	Tetra Pak, Inc., Packaging Systems	Aseptic Product Valve (APV) (Commonly Known as the ABC Valve) Used to Separate Cleaning Solutions from Pasteurized and/or Aseptic Milk and Milk Products	4/22/2005
M-b-350	Sanitary Flowmeter and Transmitters	Rosemount, Inc., PB 04	Rosemount 8721 Sanitary Flowmeter and the 8712C or 8732D Transmitters	8/18/2005
Sup. 1	Sanitary Flowmeter and Transmitters	Rosemount, Inc., PB 04	Corrections in Model Letter Designations for the Transmitter Models are 8712D and 8732C	10/5/2005
Sup. 2	Sanitary Flowmeter and Transmitters	Rosemount, Inc., PB 04	Referencing Model Designation 8712E as a Direct Replacement of the 8712D Transmitter and Model Designation 8732E as a Direct Replacement of the 8732C Transmitter.	10/31/2008
M-b-351	Dual Stem Flow Diversion Device (FDD)	Waukesha Cherry-Burrell	W265/W285 FD HTST Divert Valves	8/18/2005
M-b-352	Magnetic Flow Meter Based Timing System	ABB, Inc.	FXE 4000 Model DE21-PMO with Remote Es-PMO Signal Converter and Model DE23-PMO with Integral E4-PMO Signal Converter	11/30/2006
M-b-353	Varivent® Mixproof Valve - Valve Vent Cavity Cleaning Option	Tuchenhagen	Manufacturer's Operating Instruction Manual Varivent® Mixproof Valve M_O (06), Issue 2007-03, Revision 8, Valve code ending .../06, Parts no. 430-407E; and the Operating Instructions Control Module T.VIS® M-1 for PMO Valve Type M_O (06), Issue 2007-03, Revision 8, Parts no. 430-398E	4/10/2007

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Sup. 1	Varivent® Mixproof Valve - Valve Vent Cavity Cleaning Option	Tuchenhagen	Varivent® Mixproof Valve M_O (06) Addition of a balancer cleaning device. Addition of a six (6) inch OD valve size. Acceptance of alternative valve control module options. Removal of the maximum seat lift time.	10/31/2008
M-b-354	Double-Seat Mixproof Valve With The Vent Cavity Cleaning Option	Sudmo	D 365it Double-Seat Mix proof Valve With The Vent Cavity Cleaning Option, Sizes 1.5", 2", 2.5", 3", 4" and 6" Manufacturer's Operating Instructions BAA D 365it, Double seat valve, DN 1.5" - 6" (1/16/2008)	1/28/2008
M-b-355	Paperless Data Acquisition Systems	Eurotherm	Manufacturer's Installation and Operation Manual, HA261742, 5100/5180, Issued May 5, 2001; User Guide HA028910, 6100/6180A, Issue G, Issued October 2005; and User Guide HA027566, 5000B, Issued April 5, 2003 5000/6000 Series, Model Numbers 6100A, 5100A, 5180V and 5000B	1/28/2008
M-b-356	Double-Seat Mix-Proof Valve With The Vent Cavity Cleaning Option	Alfa Laval	Unique PMO Plus™ Double-Seat Mix-Proof Valve With The Vent Cavity Cleaning Option, Sizes 2", 2.5", 3", and 4" Manufacturer's Operating Instructions Manual, Unique PMO Plus™ Sanitary Mix-Proof Valve Sizes 2", 2.5", 3", and 4" , effective 11/1/2007	5/12/2008

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Sup. 1	Double-Seat Mix-Proof Valve With The Vent Cavity Cleaning Option	Alfa Laval	Unique PMO Plus® Series Double-Seat Mix-Proof Valve With The Vent Cavity Cleaning Option, Sizes 1.5”, 2”, 2.5”, 3”, 4” and 6” Manufacturer’s Instructions Manual, Unique PMO Plus® Series Sanitary Mix-Proof Valve Sizes 1.5”, 2”, 2.5”, 3”, 4” and 6” , effective 11/1/2007, Revision 8/1/2009	10/14/2009
M-b-357	Double Seat Mix Proof Valve With The Vent Cavity Cleaning Option	Waukesha Cherry-Burrell	W75CP PMO Double Seat Mix Proof Valve With The Vent Cavity Cleaning Option, Sizes 1.5”, 2.0”, 2.5”, 3.0”, 4.0” and 6.0” Manufacturer’s Operating and Maintenance Manual, Mix Proof Valves (in O.D. Tubing Sizes), W75CP PMO Mix Proof, Revision Date: September 2008, Publication 95-03094	10/29/2008
M-b-358	Flow Diversion Device	Tuchenhagen Flow Components, LLC	Flow Diversion Device Type XKR and XWR, Sizes 1”, 1.5”, 2”, 2.5”, 3”, 4” and 6”. Table of Contents and Manufacturer’s Operating and Maintenance Manual XKR and XWR-Dual Stem Device—Test Procedures, Issue 2008-07/Revision 10; Part no. 430-455	2/2/2009

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Sup. 1	Flow Diversion Device	Tuchenhagen Flow Components, LLC	Flow Diversion Device Type XKR and XWR, Equipped with Proximity Switch, Sizes 1", 1.5", 2.0", 2.5", 3.0", 4.0" and 6.0" Cover Page-Manufacturer's Operating Instruction Manual, Flow Diversion Device with Proximity Switch, Issue 2010-03/Revision 13, Part no. 430-455 Cover Page-Operating Instructions, Control Module T.VIS® M-1 FDD, Issue 2010-01, Part no. 430-539	9/10/2010
M-b-359	Mixproof Valve with a Vent Cleaning Option	GEA Tuchehegen US, LLC	24/7 PMO Mixproof Tank Valve Varivent® MT/T_R 08 (1", 1½", 2", 2½", 3", 4" and 6")Table of Contents and Photos of the Vertical and Horizontal Valve Mounting	6/29/2009
M-b-360	Magnetic Flowmeter Integral And Remote Systems	ABB	ABB FlowMaster Series, Hygienic Master Magnetic Flowmeter Integral And Remote Systems FEH321-PMO With FET321-PMO, FEH325 With FET325-PMO, FEH311-PMO And FEH315-PMO, Sizes 1", 1¼", 1½", 2", 2½", 3", and 4"	4/14/2010
M-b-361	Incorporated Cluster IQ Intelligent Quarter Milking System IQ Claw	GEA Farm Technologies	Incorporated Cluster IQ Intelligent Quarter Milking System IQ Claw Model Numbers 7025-2620-010, 7025-2620-020 and 7025-2620-030	4/14/2010
M-b-362	CIP Cleaning of Dairy Farm Pipeline- Discharge Water as a Solid Slug at Set Intervals	Dairymaster USA, Inc.	Dairymaster Jetstream Model Numbers JS30 (2" Outlet), JS31 (2.5" Outlet), JS32 (3" Outlet) And JS33 (4" Outlet)	4/14/2010

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M-b-363	Milking Claw	Dairymaster USA, Inc.	Dairymaster Swiftflo Claw Model Numbers SF105 (Heavy Claw with Weight) And SF305 (Lite Claw Without Weight)	4/14/2010
M-b-364	VAT Electronic Recorder/ Sensors Combination Package	Anderson Instrument Co, Inc.	Anderson AJ-3000 Series VAT Pasteurization Combination Electronic Control Package	8/5/2010
M-b-365	Magnetic Flow Meter	KROHNE, Inc.	KROHNE, Inc. IFC 300F, OPTIFLUX 6000/6300 Magnetic Flow Meter, Sizes 0.5", 1", 1.5", 2", 2.5", 3" and 4" Manufacturer's IFC 300 Handbook (Excerpts and Photos)	12/3/2010
Sup. 1	Krohne, Inc. IFC 300F, Optiflux 6000/6300C Magnetic Flow Meter, Sizes 0.5", 1", 1.5", 2", 2.5", 3" and 4"	Krohne, Inc.	IFC 300F, Optiflux 6000/6300C Magnetic Flow Meter, Sizes 0.5", 1", 1.5", 2", 2.5", 3" and 4"	6/1/2018
M-b-366	Jetter Cup Cover for Milking Unit Inflatons	Dairymaster USA,,Inc.	AquaJetz With Cover, Model JT 300	5/31/2011



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M-b-367	CIP Compliance Reporting System (Including Product Storage and Filtration)	Vigilistics, Inc.	Vigilistics, Inc. vEMI CIP Compliance Reporting System Items 12p-Cleaning and Sanitizing of Containers and Equipment, 16p-Pasteurization and Aseptic Processing (related to temperature monitors for membrane filtration) and 17p-Cooling of Milk and Milk Products; and Appendix H-Pasteurization Equipment and Procedures and Other Equipment (related to electronic data collection, storage and reporting) of the PMO	5/31/2011
M-b-368	Unconventional single bodied mix proof valve used to separation teat dipping/ backflush system chemicals and raw milk. These Milk Safety Valves are designed for usage only with conventional milking systems and are not acceptable for use with Automatic Milking Installation (AMI) systems.	GEA Farm Technologies	GEA Farm Technologies Milk Safety Valve #7750-0121-961 as Part of the Apollo <sup>TM</sup> MilkSystem Automatic Teat Dipping and Backflush System and Milk Safety Valve #7025-2620-040 as Part of the GEA IQ Milking Claw Cluster	11/13/2012
M-b-369	Rotary Swiftflo Revolver Milk Swivel	Dairymaster USA, Inc.	Model SR331 7496:	11/13/2012
M-b-370	Electronic Data Collection, Storage and Reporting System	Carlson Engineering, Inc.	Items 12p-Cleaning and Sanitizing of Containers and Equipment and 17p-Cooling of Milk and Milk Products; and Appendix H-Pasteurization Equipment and Procedures and Other Equipment of the PMO.	8/15/2013

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M-b-371	Mag Flow Meter with Transmitter	Siemens Industry, Inc.	Mag Flow Meter: Model Numbers 7ME6140-2Rxxx-xxxx (1 ½”), 7ME6140-2Yxxx-xxxx (2”), 7ME6140-3Fxxx-xxxx (2 ½”), 7ME6140-3Mxxx-xxxx (3”), and 7ME6140-3Txxx-xxxx (4”) Transmitter: Model Number 7ME6910-xxxxx-xxxx	10/23/2013
M-b-372	ACR Milk Flow Sensor with Float	Dairymaster USA, Inc.	Model CR 113	11/14/2014
M-b-373	Rotary Parlor MVEDA Milk Swivel	DeLaval, Inc.	Model 865344 80 (Serial Number Beginning with DL-00001 and Higher)	1/7/2015
M-b-374	Milking Cluster with Variant Liners	ADF Milking Ltd. Slindon, West Sussex, BN18 OLT, UK	Variant Liners 1 (Versions 123 and 125) and Variant Liner 2 with Profiled Insert (Versions 223 and 225)	2/12/2015
M-b-375	Pressure Differential Controller	Agri-Services LLC Hagerstown, MD	Dairy Heritage Pressure Differential Control, Version 2.2, Model Number 66-03300-000	3/13/2015
M-b-376	Vat Pasteurization Combination Recording/Indicating Thermometer	MicroDairy Desings LLC Smithsburg, MD	Model Therm 2	4/20/2015
M-b-377	Flow-Diversion Devices	Alfa Laval, Inc. (US)	7000 Series Standard Model Number 7640 210 and Reverse Acting Model Numbers 7640 111 (Vertical Version), 7650 1 TL (Horizontal Version) and 7650 1 TR (Horizontal Version)	11/30/2016

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M-b-378	Agri-Service LLC Dairy Heritage Flow Diversion Control System Version 1.16 Model Number: 66- 03400-000	Agri-Service LLC Dairy Heritage	Flow Diversion Control System Version 1.6, Model Number: 66-03400-000	1/26/2018
M-b-379	Endress+Hauser Promag H 100 Series Electromagnetic Flowmeter	Endress+Hauser USA	Endress+Hauser Promag H 100 Series Electromagnetic Flowmeter Sizes 0.5", 1", 1 1/2", 2", 2 1/2", 3", 4", & 6"	10/31/2018
M-b-380	Endress+Hauser Promag H 300 Series Electromagnetic Flowmeter	Endress+Hauser USA	Endress+Hauser Promag H 300 Series Electromagnetic Flowmeter Sizes 0.5", 1", 1 1/2", 2", 2 1/2", 3", 4", & 6"	10/31/2018
M-b-381	Endress+Hauser Promag H 500 Series Electromagnetic Flowmeter	Endress+Hauser USA	Endress+Hauser Promag H 500 Series Electromagnetic Flowmeter Sizes 0.5", 1", 1 1/2", 2", 2 1/2", 3", 4", & 6"	10/31/2018