

INDEX OF
MEMORANDA OF MILK ORDINANCE
EQUIPMENT COMPLIANCE (M-b)

January 10, 2014

| <u>CODE #</u> | <u>EQUIPMENT</u> | <u>COMPANY</u> | <u>MODEL/SERIAL #</u> | <u>ISSUE DATE</u> |
|----------------------|---|-------------------------------------|------------------------------|--------------------------|
| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 Displacement Pump | Sta-Rite Products | S-20, S-65, S-150, S-300 | 5/6/1966 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| | 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| M-b-205 | Bou-Matic Milk Valve Assembly 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 |

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| 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 |
| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 |
| Sup. 1 | Modification for Higher Temperature | | | 11/9/1984 |
| Sup. 2 | Additional Model Numbers | | HT-223-A240S, HT-323- A250S, HT-323-A240S, HT- | 3/18/1988 |

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| | | | 323-A240D, HT-423-A240S, HT-423-A240D, HT-223- A000S, HT-223-A000D | |
| 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 |
| 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- | M-3100 and M-3200 | 12/7/1983 |

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| | | Pak, Incorporated - Distributor | | |
| 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 |
| 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 |

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| 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 |
| 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 | | | 9/19/1986 |

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| Also See M-b-237, 238 and 266 | Motor Drives on Centrifugal Pumps in Lieu of a Positive Displacement Metering Pump on HTST Pasteurizing Systems | | | |
| 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 |
| 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 |

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| M-b-296 | Sentinel TM /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 TM 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 TM | 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 Software 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 |

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| 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 |
| 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 |

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| 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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| | | | Use as a Magnetic Flowmeter | |
| Sup. 1 | Electromagnetic Flow Measuring System | New Manufacturer-Anderson Instrument Co., Inc. | | 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 |
| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 |

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| 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 |
| 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 Tuchehegan 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 |

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| 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 |
| 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 |
| M-b-366 | Jetter Cup Cover for Milking Unit Inflations | 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 TM 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 1/2"), 7ME6140-2Yxxx-xxxx (2"), 7ME6140-3Fxxx-xxxx (2 1/2"), 7ME6140-3Mxxx-xxxx (3"), and 7ME6140-3Txxx-xxxx (4") Transmitter: Model Number 7ME6910-xxxxx-xxxx | 10/23/2013 |