FORM **MA-3000(I)**
(02-12-2022)

MANUFACTURING ACTIVITIES LIST FOR USE IN COMPLETING THE MA-3000 MANUFACTURERS' UNFILLED ORDERS SURVEY

PRIMARY METALS

31A Iron and Steel Mills and Ferroalloy and Steel Product Manufacturing

- 331110 Iron and Steel Mills and Ferroalloy Products
- 331210 Iron and Steel Pipes and Tubes from Purchased Steel
- 331221 Rolled Steel Shapes
- 331222 Steel Wire Drawing

31B Alumina, Aluminum, and Nonferrous Metal Production and Processing

- 331313 Alumina Refining and Primary Aluminum Production
- 331314 Secondary Smelting and Alloying of Aluminum
- 331315 Aluminum Sheet, Plate, and Foil
- 331318 Other Aluminum Rolling, Drawing, and Extruding
- 331410 Nonferrous Metal (except Aluminum) Smelting and Refining
- 331420 Copper Rolling Drawing, Extruding, and Alloying
- 331491 Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, Extruding, and Alloying
- 331492 Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)

31C Ferrous Metal Foundries

- 331511 Iron
- 331512 Steel Investment
- 331513 Steel (except Investment)

31D Nonferrous Metal Foundries

- 331523 Nonferrous Metal Die-Casting
- 331524 Aluminum (except Die-Casting)
- 331529 Other Nonferrous Metals (except Die-Casting)

FABRICATED METAL PRODUCTS

32A Forging and Stamping

- 332111 Iron and Steel Forging
- 332112 Nonferrous Forging
- 332114 Custom Roll Forming
- 332117 Power Metallurgy Parts
- 332119 Crown, Closure, and Other Metal Stampings (except Automotive)

32C Boiler, Tank, and Shipping Container Manufacturing

- 332410 Power Boilers and Heat Exchangers
- 332420 Metal Tanks (Heavy Gauge)
- 332431 Metal Cans
- 332439 Other Metal Containers

32D Metal Valve Manufacturing

- 332911 Industrial Valves
- 332912 Fluid Power Valves and Hose Fittings
- 332913 Plumbing Fixture Fittings and Trim
- 332919 Other Metal Valve and Pipe Fittings

32G Other Fabricated Metal Products Manufacturing

- 332311 Prefabricated Metal Building and Components
- 332312 Fabricated Structural Metal
- 332313 Plate Work
- 332321 Metal Windows and Doors
- 332322 Sheet Metal Work
- 332323 Ornamental and Architectural Metal Work
- 332510 Hardware
- 332613 Springs
- 332618 Other Fabricated Wire Products
- 332710 Machine Shops
- 332721 Precision Turned Products
- 332722 Bolts, Nuts, Screws, Rivets, and Washers
- 332811 Metal Heat Treating
- 332812 Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers
- 332813 Electroplating, Plating, Polishing, Anodizing, and Coloring
- 332991 Ball and Roller Bearings
- 332996 Fabricated Pipe and Pipe Fittings
- 332999 All Other Miscellaneous Fabricated Metal Products

32X Small Arms and Ordnance Manufacturing

- 332992 Small Arms Ammunition
- 332993 Ammunition (except Small Arms)
- 332994 Small Arms, Ordnance, and Ordnance Accessories

Industry category	Industry category title (and component 6-digit 2017 NAICS codes)
	MACHINERY
33C	**Construction Machinery Manufacturing**
	333120 Construction Machinery
33D	**Mining, Oil, and Gas Field Machinery Manufacturing**
	333131 Mining Machinery and Equipment
	333132 Oil and Gas Field Machinery and Equipment
33E	**Industrial Machinery Manufacturing**
	333241 Food Product Machinery
	333242 Semiconductor Machinery
	333243 Sawmill, Woodworking, and Paper Machinery
	333244 Printing Machinery and Equipment
	333249 All Other Industrial Machinery
33F	**Vending, Laundry, and Other Machinery Manufacturing**
	333318 Other Commercial and Service Industry Machinery
33G	**Photographic Equipment Manufacturing**
	333314 Optical Instruments and Lenses
	333316 Photographic and Photocopying Equipment
33H	**Ventilation, Heating, Air-Conditioning, and Refrigeration Equipment Manufacturing**
	333413 Industrial and Commercial Fan, Blower, and Air Purification Equipment
	333414 Heating Equipment (except Warm Air Furnaces)
	333415 Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment
33I	**Metalworking Machinery Manufacturing**
	333511 Industrial Molds
	333514 Special Dies and Tools, Die Sets, Jigs, and Fixtures
	333515 Cutting Tools and Machine Tool Accessories
	333517 Machine Tools
	333519 Rolling Mill Machinery and Other Metalworking Machinery

Industry category	Industry category title (and component 6-digit 2017 NAICS codes)
	MACHINERY (continued)
33J	**Turbine and Generator Manufacturing**
	333611 Turbine and Turbine Generator Set Units
33K	**Other Power Transmission Equipment Manufacturing**
	333612 Speed Changers, Industrial High Speed Drives, and Gears
	333613 Mechanical Power Transmission Equipment
	333618 Other Engine Equipment
33L	**Pump and Compressor Manufacturing**
	333912 Air and Gas Compressors
	333914 Measuring, Dispensing, and Other Pumping Equipment
33M	**Material Handling Equipment Manufacturing**
	333921 Elevators and Moving Stairways
	333922 Conveyors and Conveying Equipment
	333923 Overhead Traveling Cranes, Hoists, and Monorail Systems
	333924 Industrial Trucks, Tractors, Trailers, and Stacker Machinery
33N	**All Other General Purpose Machinery Manufacturing**
	333991 Power-Driven Handtools
	333992 Welding and Soldering Equipment
	333993 Packaging Machinery
	333994 Industrial Process Furnaces and Ovens
	333995 Fluid Power Cylinders and Actuators
	333996 Fluid Power Pumps and Motors
	333997 Scales and Balances
	333999 All Other Miscellaneous General Purpose Machinery

Industry category	Industry category title (and component 6-digit 2017 NAICS codes)
	COMPUTERS AND ELECTRONIC PRODUCTS
34A	**Electronic Computer Manufacturing**
	334111 Electronic Computers
34H	**Other Electronic Component Manufacturing**
	334412 Bare Printed Circuit Boards
	334416 Capacitor, Resistor, Coil, Transformer, and Other Inductors
	334417 Electronic Connectors
	334418 Printed Circuit Assemblies (Electronic Assemblies)
	334419 Other Electronic Components
34K	**Electromedical, Measuring, and Control Instrument Manufacturing**
	334510 Electromedical and Electrotherapeutic Apparatus
	334512 Automatic Environmental Controls for Residential, Commercial, and Appliance Use
	334513 Instruments and Related Products for Measuring, Displaying, and Controlling Industrial Process Variables
	334514 Totalizing Fluid Meters and Counting Devices
	334515 Instruments for Measuring and Testing Electricity and Electrical Signals
	334516 Analytical Laboratory Instruments
	334517 Irradiation Apparatus
	334519 Other Measuring and Controlling Devices
34X	**Communications Equipment Manufacturing**
	334210 Telephone Apparatus
	334220 Radio and Television Broadcasting and Wireless Communications Equipment
	334290 Other Communications Equipment
34Y	**Search and Navigation Equipment Manufacturing**
	334511 Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments

Industry category	Industry category title (and component 6-digit 2017 NAICS codes)
	ELECTRICAL EQUIPMENT, APPLIANCES, AND COMPONENTS
35A	**Electric Lighting Equipment Manufacturing**
	335110 Electric Bulbs and Parts
	335121 Residential Electric Lighting Fixtures
	335122 Commercial, Industrial, and Institutional Electric Lighting Fixtures
	335129 Other Lighting Equipment
35B	**Household Appliance Manufacturing**
	335210 Small Electrical Appliance
	335220 Major Household Appliance
35C	**Electrical Equipment Manufacturing**
	335311 Power, Distribution, and Specialty Transformers
	335312 Motors and Generators
	335313 Switchgear and Switchboard Apparatus
	335314 Relays and Industrial Controls
35E	**Other Electrical Equipment, Appliance, and Component Manufacturing**
	335921 Fiber Optic Cables
	335929 Other Communication and Energy Wires
	335931 Current-Carrying Wiring Devices
	335932 Noncurrent-Carrying Wiring Devices
	335991 Carbon and Graphite Products
	335999 All Other Miscellaneous Electrical Equipment and Components

Industry category	Industry category title (and component 6-digit 2017 NAICS codes)
	TRANSPORTATION EQUIPMENT
36D	**Motor Vehicle Body and Trailer Manufacturing**
	336211 Motor Vehicle Bodies
	336212 Truck Trailers
	336213 Motor Homes
	336214 Travel Trailers and Campers
36E	**Motor Vehicle Parts Manufacturing**
	336310 Motor Vehicle Gasoline Engine and Engine Parts
	336320 Motor Vehicle Electrical and Electronic Equipment
	336330 Motor Vehicle Steering and Suspension Components (except Spring)
	336340 Motor Vehicle Brake Systems
	336350 Motor Vehicle Transmission and Power Train Parts
	336360 Motor Vehicle Seating and Interior Trim
	336370 Motor Vehicle Metal Stamping
	336390 Other Motor Vehicle Parts
36J	**Missile, Space Vehicle, and Parts Manufacturing**
	336414 Guided Missiles and Space Vehicles
	336415 Guided Missiles and Space Vehicles Propulsion Unit and Propulsion Unit Parts
	336419 Other Guided Missiles and Space Vehicle Parts and Auxiliary Equipment
36K	**Railroad Rolling Stock**
	336510 Railroad Rolling Stock
36U	**Other Transportation Equipment Manufacturing**
	336991 Motorcycles, Bicycles, and Parts
	336999 All Other Transportation Equipment
36W	**Military Armored Vehicles, Tanks, and Tank Components**
	336992 Military Armored Vehicles, Tanks, and Tank Components
36X	**Aircraft Manufacturing**
	336411 Aircraft
36Y	**Aircraft Engine and Parts Manufacturing**
	336412 Aircraft Engines and Aircraft Parts
	336413 Other Aircraft Parts and Auxiliary Equipment
36Z	**Ship and Boat Building**
	336611 Ship Building and Repairing
	336612 Boat Building

Industry category	Industry category title (and component 6-digit 2017 NAICS codes)
	FURNITURE AND RELATED PRODUCTS
37A	**Household Furniture and Kitchen Cabinet Manufacturing**
	337110 Wood Kitchen Cabinets and Counter Tops
	337121 Upholstered Household Furniture
	337122 Wood Household Furniture (except Upholstered)
	337124 Metal Household Furniture
	337125 Household Furniture (except Wood and Metal)
37B	**Other Furniture and Institutional Furniture Manufacturing**
	337127 Institutional Furniture
	337211 Wood Office Furniture
	337212 Custom Architectural Woodwork and Millwork
	337214 Office Furniture (except Wood)
	337215 Showcases, Partitions, Shelving, and Lockers
	MISCELLANEOUS PRODUCTS
39B	**Sporting Goods, Doll, Toy, and Game Manufacturing**
	339920 Sporting and Athletic Goods
	339930 Doll, Toy, and Games