

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

Industry category	Industry category title (and component 6-digit 2017 NAICS codes)	Industry category	Industry category title (and component 6-digit 2017 NAICS codes)
	PRIMARY METALS		FABRICATED METAL PRODUCTS
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	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)
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)	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
31C	Ferrous Metal Foundries 331511 Iron 331512 Steel Investment 331513 Steel (except Investment)	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
31D	Nonferrous Metal Foundries 331523 Nonferrous Metal Die-Casting 331524 Aluminum (except Die-Casting) 331529 Other Nonferrous Metals (except Die-Casting)	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)	Industry category	Industry category title (and component 6-digit 2017 NAICS codes)
	MACHINERY		MACHINERY (continued)
33C	Construction Machinery Manufacturing 333120 Construction Machinery	33J	Turbine and Generator Manufacturing 333611 Turbine and Turbine Generator Set Units
33D	Mining, Oil, and Gas Field Machinery Manufacturing 333131 Mining Machinery and Equipment 333132 Oil and Gas Field Machinery and Equipment	33K	Other Power Transmission Equipment Manufacturing 333612 Speed Changers, Industrial High Speed Drives, and Gears 333613 Mechanical Power Transmission Equipment 333618 Other Engine 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	33L	Pump and Compressor Manufacturing 333912 Air and Gas Compressors 333914 Measuring, Dispensing, and Other Pumping Equipment
33F	Vending, Laundry, and Other Machinery Manufacturing 333318 Other Commercial and Service Industry Machinery	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
33G	Photographic Equipment Manufacturing 333314 Optical Instruments and Lenses 333316 Photographic and Photocopying Equipment	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
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)	Industry category	Industry category title (and component 6-digit 2017 NAICS codes)
	COMPUTERS AND ELECTRONIC PRODUCTS		ELECTRICAL EQUIPMENT, APPLIANCES, AND COMPONENTS
34A	Electronic Computer Manufacturing 334111 Electronic Computers	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
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	35B	Household Appliance Manufacturing 335210 Small Electrical Appliance 335220 Major Household Appliance
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	35C	Electrical Equipment Manufacturing 335311 Power, Distribution, and Specialty Transformers 335312 Motors and Generators 335313 Switchgear and Switchboard Apparatus 335314 Relays and Industrial Controls
34X	Communications Equipment Manufacturing 334210 Telephone Apparatus 334220 Radio and Television Broadcasting and Wireless Communications Equipment 334290 Other Communications Equipment	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
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)	Industry category	Industry category title (and component 6-digit 2017 NAICS codes)
	TRANSPORTATION EQUIPMENT		FURNITURE AND RELATED PRODUCTS
36D	Motor Vehicle Body and Trailer Manufacturing 336211 Motor Vehicle Bodies 336212 Truck Trailers 336213 Motor Homes 336214 Travel Trailers and Campers	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)
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	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
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		MISCELLANEOUS PRODUCTS
36K	Railroad Rolling Stock 336510 Railroad Rolling Stock	39B	Sporting Goods, Doll, Toy, and Game Manufacturing 339920 Sporting and Athletic Goods 339930 Doll, Toy, and Games
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		