

FORM **MA-3000(I)**
(01-11-2012)

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

Industry category	Industry category title (and component 6-digit NAICS titles and 6-digit codes)	Industry category	Industry category title (and component 6-digit NAICS titles and 6-digit codes)
	PRIMARY METALS		FABRICATED METAL PRODUCTS
31A	Iron and Steel Mills and Ferroalloy and Steel Product Manufacturing 331111 Iron and Steel 331112 Electrometallurgical 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 332115 Crowns and Closures 332116 Metal Stampings 332117 Power Metallurgy Parts
31B	Alumina, Aluminum, and Nonferrous Metal Production and Processing 331311 Alumina Refining 331312 Primary Aluminum Production 331314 Secondary Smelting and Alloying of Aluminum 331315 Aluminum Sheet, Plate, and Foil 331316 Aluminum Extruded Products 331319 Other Aluminum Rolling and Drawing 331411 Primary Smelting and Refining of Copper 331419 Primary Smelting and Refining of Nonferrous Metal (except Copper and Aluminum) 331421 Copper Rolling Drawing, and Extruding 331422 Copper Wire (except Mechanical) Drawing 331423 Secondary Smelting, Refining, and Alloying of Copper 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 331521 Aluminum Die-Casting 331522 Nonferrous (except Aluminum) DieCasting 331524 Aluminum (except Die-Casting) 331525 Copper (except Die-Casting) 331528 Other Nonferrous (except Die-Casting)	32X	Small Arms and Ordnance Manufacturing 332992 Small Arms Ammunition 332993 Ammunition (except Small Arms) 332994 Small Arms 332995 Other Ordnance and Accessories
		32G	Other Fabricated Metal Products Manufacturing 332311 Prefabricated Metal Buildings 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 332611 Spring (Heavy Gauge)

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32G cont'd	Other Fabricated Metal Product Manufacturing 332612 Spring (Light Gauge) 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 332997 Industrial Patterns 332998 Enameled Iron and Metal Sanitary Ware 332999 All Other Miscellaneous Fabricated Metal Products	33H	Ventilation, Heating, Air-Conditioning, and Refrigeration Equipment Manufacturing 333411 Air Purification Equipment 333412 Industrial and Commercial Fans and Blowers 333414 Heating Equipment (except Warm Air Furnaces) 333415 Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment
	MACHINERY	33I	Metalworking Machinery Manufacturing 333511 Industrial Molds 333512 Machine Tools (Metal Cutting Types) 333513 Machine Tools (Metal Forming Types) 333514 Special Dies and Tools, Die Sets, Jigs, and Fixtures 333515 Cutting Tools and Machine Tool Accessories 333516 Rolling Mill Machinery and Equipment 333518 Other Metalworking Machinery
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 Changes, Industrial High Speed Drives, and Gears 333613 Mechanical Power Transmission Equipment 333618 Other Engine Equipment
33E	Industrial Machinery Manufacturing 333210 Sawmill and Woodworking Machinery 333220 Plastics and Rubbery Industry Machinery 333291 Paper Industry Machinery 333292 Textile Machinery 333293 Printing Machinery and Equipment 333294 Food Product Machinery 333295 Semiconductor Machinery 333298 All Other Industrial Machinery	33L	Pump and Compressor Manufacturing 333911 Pumps and Pumping Equipment 333912 Air and Gas Compressors 333913 Measuring and Dispensing Pumps
33F	Vending, Laundry, and Other Machinery Manufacturing 333311 Automatic Vending Machines 333312 Commercial Laundry, Drycleaning, and Pressing Machines 333319 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 333313 Office Machinery 333314 Optical Instruments and Lenses 333315 Photographic and Photocopying Equipment		

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33N	All Other 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 (except Laboratory) 333999 All Other Miscellaneous General Purpose Machinery	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 334518 Watches, Clocks, and Parts 334519 Other Measuring and Controlling Devices
COMPUTERS AND ELECTRONIC PRODUCTS			
34A	Electronic Computer Manufacturing 334111 Electronic Computers		
34X	Communications Equipment Manufacturing 334210 Telephone Apparatus 334220 Radio and Television Broadcasting and Wireless Communications Equipment 334290 Other Communications Equipment		
34H	Other Electronic Component Manufacturing 334411 Electron Tubes 334412 Bare Printed Circuit Boards 334414 Electronic Capacitors 334415 Electronic Resistors 334416 Electronic Coils, Transformers, and Other Inductors 334417 Electronic Connectors 334418 Printed Circuit Assemblies (Electronic Assemblies) 334419 Other Electronic Components		
34Y	Search and Navigation Equipment Manufacturing 334511 Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments		
		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 335211 Electric Housewares and Household Fans 335212 Household Vacuum Cleaners 335221 Household Cooking Appliances 335222 Household Refrigerators and Home Freezers 335224 Household Laundry Equipment 335228 Other Major Household Appliances
		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

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TRANSPORTATION EQUIPMENT			
36D	Motor Vehicle Body and Trailer Manufacturing 336211 Motor Vehicle Bodies 336212 Truck Trailers 336213 Motor Homes 336214 Travel Trailers and Campers	36Z	Ship and Boat Building 336611 Ship Building and Repairing 336612 Boat Building
36E	Motor Vehicle Parts Manufacturing 336311 Carburetors, Pistons, Piston Rings, and Valves 336312 Gasoline Engines and Engine Parts 336321 Vehicular Lighting Equipment 336322 Other 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 336391 Motor Vehicle Air-Conditioning 336399 All Other Motor Vehicle Parts	36N	Other Transportation Equipment Manufacturing 336991 Motorcycles, Bicycles, and Parts 336992 Military Armored Vehicles, Tanks, and Tank Components 336999 All Other Transportation Equipment
36X	Aircraft Manufacturing 336411 Aircraft	FURNITURE AND RELATED PRODUCTS	
36Y	Aircraft Engine and Parts Manufacturing 336412 Aircraft Engines and Aircraft Parts 336413 Other Aircraft Parts and Auxiliary Equipment	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) 337129 Wood Television, Radio, and Sewing Machine Cabinets
36J	Missile, Space Vehicle, and Parts Manufacturing, Defense 336414 Guided Missiles and Space Vehicles 336415 Guided Missiles and Space Vehicles Propulsion Units and Propulsion Unit Parts 336419 Other Guided Missiles and Space Vehicle Parts and Auxiliary Equipment	37B	Office 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
36K	Railroad Rolling Stock 336510 Railroad Rolling Stock	MISCELLANEOUS PRODUCTS	
		39B	Sporting Goods, Doll, Toy, and Game Manufacturing 339920 Sporting and Athletic Goods 339931 Dolls and Stuffed Toys 339932 Games, Toys, and Children's Vehicles