If not shown, please enter your 11-digit Census File Number from the address label on page 1

Census File Number

Item 16. CONSUMPTION OF SELECTED MATERIALS DURING 2002

INSTRUCTIONS

1. **General –** The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in item 22. Please review the entire list and report separately each item consumed. Leave blank if you do not consume the item. If you use materials, parts, and supplies which are not listed, describe and report them in the "Cost of all other materials . . . " line at the end of this section. If you consumed less than $30,000 of a listed material, include the value with "Cost of all other materials . . . ,"

   Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

   If quantities are requested, please use the unit of measure specified.

   If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. **Valuation of Materials Consumed –** The value of the materials, etc., consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts and including freight and other direct charges incurred in acquiring the materials.

   Materials received from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges).

   If purchases or transfers do not differ significantly from the amounts actually put into production, you may report the cost of purchases or transfers. However, if consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory.

3. **Contract Work –** Include as materials consumed those you purchased for use by others making products for you under contract. Amounts paid to the companies doing the contract work should be reported in item 15, line 5, and should include freight in and out. On the other hand, materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.

4. **Resales –** Cost for products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly should be reported in item 15, line 2, not in item 16 below. The value of these products shipped by this establishment should be reported in item 22 under "Resales."

Line No.	Materials, parts, and supplies (A)			Census material code 571 (B)	Consumption of purchased materials and of materials received from other establishments of your company — Cost, including delivery cost (freight-in) (E) 574 Millions	Thousands	Dollars
1	FABRICATED METAL PRODUCTS (Except forgings)	Bolts, nuts, screws, washers, rivets, and screw machine products			$		
2		Other fabricated metal products					
3	Castings (rough and semifinished)						
4	Forgings						
5	**Shapes and Forms (Except castings, forgings, and fabricated metal products)**	STEEL	Bars and bar shapes				
6			Sheet and strip				
7			Wire and wire products				
8			All other steel shapes and forms				
9		Nonferrous shapes and forms (including copper and copper-base alloy and aluminum and aluminum-base)					
10	Cost of all other materials and components, parts, containers, and supplies consumed . . . . *Describe the three principal materials, etc., included in this value.*						
11	**TOTAL** Sum of lines 1–10 should equal item 15, line 1				$		

FOR COMMENT

CONTINUE WITH ITEM** 22 **ON PAGE 6

Item 22. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 2002

INSTRUCTIONS

1. **General –** The manufactured products and services listed below are generally made in your industry. If you make products that are not listed, describe and report them in the "All other products made in this establishment" section at the end of item 22. PLEASE DO NOT COMBINE PRODUCT LINES.

   If quantities are requested, please use the unit of measure specified.

   If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. **Valuation of Products –** Report the value of the products shipped and services performed at the net selling value, f.o.b. plant to the customer; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.

   If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

3. **Contract Work –** Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts".

4. **Resales –** Do not report on the specific product lines those PRODUCTS BOUGHT AND SOLD OR TRANSFERRED FROM OTHER ESTABLISHMENTS OF YOUR COMPANY AND SOLD WITHOUT FURTHER MANUFACTURE. Report only a value under "Resales."

Line No.	Products and services (A)				Census product code 581 (B)	Products shipped and other receipts — Value, f.o.b. plant (E) 584 Millions	Thousands	Dollars
1	**Hot Formed Springs**	HOT FORMED HELICAL SPRINGS, HOT WOUND	Automobile coil springs	Shipments for domestic replacement and shipments for export (including shipments to U.S. motor vehicle manufacturers for resale)		$		
2				Shipments to U.S. motor vehicle manufacturers or their suppliers for use in original equipment				
3			Locomotive and railroad car and other helical springs, hot wound					
4		HOT FORMED LEAF SPRINGS FOR AUTOMOTIVE (Auto, truck, bus, trailer, etc.)	Shipments for domestic replacement and shipments for export (including shipments to U.S. motor vehicle manufacturers for resale)					
5			Shipments to U.S. motor vehicle manufacturers or their suppliers for use in original equipment					
6		Other hot formed springs (including torsion bar springs and leaf springs for tractors, farm equipment, locomotive, etc.)						
7	COLD FORMED SPRINGS	Cold formed flat springs made of sheet or strip						
8		Cold formed helical suspension springs						
9	**Precision Mechanical Springs**	COMPRESSION TYPE	Shipped to original equipment manufacturers					
10			Other shipments					
11		Extension type						
12		Torsion type						
13	**Other Wire Springs**	UPHOLSTERY AND FURNITURE SPRINGS (Unassembled)	Seat and back springs for motor vehicles					
14			Spring units for box springs, innerspring mattresses, and dual-purpose sleep furniture					
15			Spring units for upholstered furniture					
16			Other springs for mattresses and bedsprings, upholstery and furniture springs					
17		Valve springs						
18		Watch and clock springs						
19		Other wire springs						

FOR COMMENT

CONTINUE WITH ITEM** 22 **ON PAGE 7

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Item 22. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 2002 – Continued

Line No.	Products and services (A)		Census product code 581 (B)	Products shipped and other receipts — Value, f.o.b. plant (E) 584 Millions	Thousands	Dollars
20	Noninsulated ferrous wire for		$			
21	Rotating and tilting fixtures and bases for furniture (excluding cabinet hardware)					
	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT	*Describe and report separately each product with a sales value of $50,000 or more which cannot be assigned to one of the lines above. Specify unit of measure for quantity. For all remaining products, write "Other" and report a single total value.*				
22			18			
23			26			
24						
25			42			
26			59			
27			67			
28	CONTRACT WORK	Receipts for work done for others on their own materials . . . . . *Describe below products worked on and kind of work.*				
29	MISCELLANEOUS RECEIPTS	Sales of scrap and refuse				
30		Other miscellaneous receipts (including receipts for repair work, etc.)				
31	RESALES	Sales of products bought and sold without further manufacture, processing, or assembly in this establishment. The cost of such items should be reported in item 15, line 2				
32	**TOTAL value of shipments and other receipts** Sum of lines 1–31, column (E)			$		

FOR COMMENT

REMARKS – *Please use this space for any explanations that may be essential in understanding your reported data.*