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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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 (B)	Consumption of purchased materials and of materials received from other establishments of your company		
				Cost, including delivery cost (freight-in) (E)		
				574 Millions	Thou- sands	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)	Iron and steel				
4		Aluminum and aluminum-base alloy				
5		Other nonferrous				
6	FORGINGS	Iron and steel				
7		Aluminum and aluminum-base alloy				
8		Other nonferrous				
9	SHAPES AND FORMS (Except castings, forgings, and fabricated metal products)	Steel				
10		Copper and copper-base alloy				
11		Aluminum and aluminum-base alloy				
12		All other nonferrous shapes and forms				
13	CHEMICALS AND ALLIED PRODUCTS	Smokeless powder				
14		Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and shapes				
15		Other chemicals and allied products				
16	Rough and dressed lumber					

FOR COMMENT

Item 16. CONSUMPTION OF SELECTED MATERIALS DURING 2002- Continued					
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	Thou- sands	Dollars
17	Paperboard containers, boxes, and corrugated paperboard		\$		
18	Fabricated plastics products (except gaskets)				
19	Machine tool accessories, including cutting tools				
20	Electronic, hydraulic, and mechanical subassemblies				
21	Cost of all other materials and components, parts, containers, and supplies consumed <i>Describe the principal materials, etc., included in this value.</i>				
22	TOTAL Sum of lines 1-21 should equal item 15, line 1		\$		



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" under

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)	Unit of measure for quantities (C)	Products shipped and other receipts		
				Quantity 583 (D)	Value, f.o.b. plant (E)	
					584 Millions	Thou- sands
1	Small Arms Ammunition, 30 mm or Less (or 1.18 Inches or Less) for Small Firearms (Rifles, shotguns, and side-arms) CARTRIDGES Rimfire rifle/pistol Centerfire rifle Centerfire pistols (including cartridges interchangeable between rifles and pistols) Shotgun shells AMMUNITION COMPONENTS Primers All other (including wads, shot cases (primed or unprimed), bullets, bullet jackets, and cases) Other ammunition products (including industrial shells and cartridges, air gun ammunition, percussion caps)		Thousands of units		\$	
2						
3						
4						
5						
6						
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 (B)	Unit of measure for quantities (C)	Products shipped and other receipts						
					Quantity (D)	Value, f.o.b. plant (E)					
						584 Millions	Thou- sands	Dollars			
8	ARTILLERY AMMUNITION, MORE THAN 30 mm (Or more than 1.18 inches)	Complete rounds, loaded									
9		Steel cases only									
10		Projectile metal parts									
11		Other components (including primers, fuses, boosters, and nonsteal cases)									
12	Receipts for ammunition loading and assembly, more than 30 mm (or more than 1.18 inches)										
13	AMMUNITION (Except for small arms), N.E.C.	Bombs, depth charges, mines, torpedoes, etc., and parts									
14		Rockets (other than guided missiles) and parts									
15	Machine guns, 30 mm or less (or 1.18 inches or less)										
16	Small Arms, 30 mm or Less (or 1.18 Inches or Less)	PISTOLS AND REVOLVERS	Centerfire	Thousands of units							
17			Overall length 6 inches or less								
18			All other (including units with interchangeable barrels)								
19		RIFLES	Rimfire								
20			Centerfire Semiautomatic								
21			Bolt repeater								
22			All other types								
23		Single barrel shotguns									
24		Other small firearms, 30 mm or less (including double barrel shotguns and combination rifle-shotguns) - Specify kind									
25		Parts and attachments for small firearms									
26	GUNS, HOWITZERS, MORTARS, AND RELATED EQUIPMENT, MORE THAN 30 mm (More than 1.18 inches)	Guns, howitzers, and mortars, assembled and recoilless rifles									
27		Turrets (except aircraft turrets and aircraft turret drives), mounts, and carriages (except self-propelled)									
28		Parts and other related equipment for heavy weapons									
29	Ordnance and accessories, n.e.c., not specified above, such as rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc., and their parts - Specify kind										
30	TANKS AND TANK COMPONENTS	Tanks and parts									
31		Self-propelled weapons and parts									
32		Other full-tracked combat vehicles and parts (including armored utility vehicles)									

FOR COMMENT

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Item 22. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 2002- Continued								
Line No.	Products and services		Census product code	Unit of measure for quantities	Products shipped and other receipts			
					Quantity	Value, f.o.b. plant (E)		
						584	Thou-	Dollars
(A)	(B)	(C)	(D)	Millions	sands			
33	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT	<i>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.</i>						
			18			\$		
34			26					
35			34					
36			42					
37			59					
38	CONTRACT WORK	<i>Receipts for work done for others on their own materials Describe below products worked on and kind of work.</i>						
39	MISCELLANEOUS RECEIPTS	Sales of scrap and refuse						
40		Receipts for research and developmental work						
41		Other miscellaneous receipts (including receipts for repair work, etc.)						
42	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.						
43	TOTAL value of shipments and other receipts Sum of lines 1-42, column (E)					\$		

FOR COMMENT

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