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Census File Number

**Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997**

**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 18B. 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 \$25,000 of a listed material, include the value with "Cost of all other materials . . .," Census material code 970099 8.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

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 10, line e, 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 10, line b, not in item 17 below. The value of these products shipped by this establishment should be reported in item 18B under Census product code 99989 00 6, "Resales."

**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.

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Line No.	Materials, parts, and supplies  <b>(A)</b>	Census material code  <b>(B)</b>	Unit of measure for quantities  <b>(C-1)</b>	Basis  <b>(C-2)</b>	Consumption of purchased materials and of materials received from other establishments of your company				
					Quantity  <b>(D)</b>	Cost, including delivery cost (freight-in) <b>(E)</b>			
						Millions	Thousands	Dollars	
		571			573	574			
<b>1</b>	Ammonia, synthetic anhydrous	287312 3	↑ Short tons ↓	100% NH <sub>3</sub>		\$			
<b>2</b>	Ammonium nitrate	287314 9		100% NH <sub>4</sub> NO <sub>3</sub>					
<b>3</b>	Nitric acid	287311 5		100% HNO <sub>3</sub>					
<b>4</b>	Sulfuric acid, except spent acid	281931 6		100% H <sub>2</sub> SO <sub>4</sub>					
<b>5</b>	Carbon black feedstock	291184 0	Thousand barrels						
<b>6</b>	Natural gas used as a raw material	131152 1	Million cu. ft.						
<b>7</b>	High explosives; including PETN, TNT, azides, and fulminates	289216 4							
<b>8</b>	Paper and paperboard containers; including fiber drums, shipping sacks, and other paper packaging supplies, etc.	260091 4							
<b>9</b>	Cost of all other materials and components, parts, containers, and supplies consumed . . . . <i>Describe the principal materials, etc., included in this value.</i>	970099 8							
<b>10</b>	<b>TOTAL</b> Sum of lines 1–9 should equal item 10, line a					\$			

**CONTINUE WITH ITEM 18B ON PAGE 6**

**Item 18A** – Not applicable to this report

**Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997**

**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 18B. 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**

**a.** Government-owned, contractor-operated plants – Receipts for explosives, propellants, and blasting accessories produced in Government-owned, contractor-operated plants and receipts for operation and maintenance of such plants should be reported on line 16, Census product code 93000 00 8.

**b.** Other contract operators –

**(1)** Products made by others for you from your materials – Report such products on the specific lines of this section as if they were made in this establishment.

**(2)** Products that you made from materials owned by others – Report the amount that you received for "commission or contract receipts" on line 14, Census product code 93000 00 8. Do not report on the specific product lines for these products.

**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 Census product code 99989 00 6, "Resales."

**5. Detailed Data Reported Elsewhere** – Items denoted by an asterisk (\*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on these forms, the sum of the detailed CIR products should equal the total reported on this census form.

**NOTE:** Only CIR totals are requested; do not duplicate detail reported on the CIR.

Line No.	Products and services *Item corresponds to products reported on Current Industrial Reports		Census product code 581	Unit of measure for quantities 583	Products shipped and other receipts				
					Quantity 583	Value, f.o.b. plant (E)			
						584	Thou-	Dollars	
(A)	(B)	(C)	(D)	Millions	sands				
1	<b>Explosives (Government-Owned, Contractor-Operated (GOCO) plants report on line 13) (28920)</b>	INDUSTRIAL EXPLOSIVES	Ammonium nitrate, fuel sensitized, except slurry	28920 17 1	Thousand pounds		\$		
2			Other industrial explosives, including water gel and slurries, permissibles, dynamites, black blasting powder, shaped charges, liquid oxygen explosives, nitroglycerin sold as such, plastic explosives, etc.	28920 19 7					
3			Blasting accessories; including blasting caps, squibs, ignitors, detonating primers, fuses, detonating cord, etc.	28920 54 4					
4			Other explosives and propellants; including military detonators, jet starters, fuse and explosive assemblies, etc.	28920 59 3					
5	Carbon black (channel and furnace process only) <b>(28950)</b>		28950 00 4	Thousand pounds					
6	Carbon black (bone and lamp process only)		28163 88 9						
7	Synthetic ammonia, nitric acid, and ammonium compounds (corresponds to the value of item codes 3111-3143 and 3151-3168 as reported on Current Industrial Reports Form MA28B, Inorganic Fertilizer Materials and Related Products, for 1997)*		28731 00 8						
8	<b>ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT</b>	<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>							
9				18					
10				26					
11				34					
12				42					
			59						

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**Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued**

Line No.	Products and services  <b>(A)</b>	Census product code  <b>(B)</b>	Unit of measure for quantities  <b>(C)</b>	Products shipped and other receipts <b>(E)</b>			
				Quantity  <b>(D)</b>	Value, f.o.b. plant		
					584 Millions	Thou- sands	Dollars
13	CONTRACT WORK Receipts for work done for others on their own materials. . . . . <i>Describe products worked on and kind of work.</i>	93000 00 8			\$		
14	MISCELLANEOUS RECEIPTS Sales of scrap, refuse, electricity, and other miscellaneous receipts (including receipts for repair work, etc.)	99980 00 5					
15	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 10, line b.	99989 00 6					
16	<b>TOTAL value of shipments and other receipts</b> Sum of lines 1–15, column (E)	77000 00 8			\$		

**Items 19–21 – Not applicable to this report**

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

**Item 22. CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.**

Name of person to contact regarding this report ( <i>Print or type</i> )					Telephone	Area code	Number	Extension
667	1				2			
Name of company					Address ( <i>Number and street, city, State, ZIP Code</i> )			
<b>Period covered</b>		FROM: Month	Day	Year	TO: Month	Day	Year	
666	1				2			
Signature of authorized person				Title			Date	