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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

**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 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."

**5. Produced and Consumed** – Forgings, foundries, and screw machine products – Report the quantities produced and used in manufacturing other products made in this establishment in item 19. Note that the materials used to produce these items should be reported in item 17.

Line No.	Materials, parts, and supplies  <b>(A)</b>		Census material code  <b>(B)</b>	Consumption of purchased materials and of materials received from other establishments of your company		
				Cost, including delivery cost (freight-in) <b>(E)</b>		
				574 Millions	Thou- sands	Dollars
<b>1</b>	Fluid power products including pumps, motors, valves, cylinders, rotary actuators, hose or tube fittings and assemblies, filters, etc. (hydraulic and pneumatic)		190090 1	\$		
<b>2</b>	Fabricated metal products (except forgings)		340075 1			
<b>3</b>	Forgings		346000 3			
<b>4</b>	CASTINGS (Rough and semifinished)	Iron and steel	332001 7			
<b>5</b>		Nonferrous	336010 4			
<b>6</b>	<b>Shapes and Forms (Except castings, forgings, and fabricated metal products)</b>	STEEL				
<b>7</b>		Bars, bar shapes, and plates	331007 5			
<b>8</b>		All other steel shapes and forms	331087 7			
<b>9</b>	Aluminum and aluminum-base alloy		335010 5			
<b>10</b>	All other nonferrous shapes and forms		335091 5			
<b>10</b>	ELECTRIC MOTORS AND GENERATORS	Fractional horsepower electric motors (less than 1 hp) (excluding timing motors)	362115 8			
<b>11</b>		Integral horsepower motors and generators – 1 hp or more	362120 8			
<b>12</b>	BEARINGS (Mounted or unmounted)	Ball	356218 8			
<b>13</b>		Roller	356201 4			
<b>14</b>	Speed changers, gears, and industrial high-speed drives		356601 5			
<b>15</b>	Electrical transmission, distribution, and control equipment		360101 0			

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Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 – Continued					
Line No.	Materials, parts, and supplies  <b>(A)</b>	Census material code  <b>(B)</b>	Consumption of purchased materials and of materials received from other establishments of your company		
			Cost, including delivery cost (freight-in) <b>(E)</b>		
			574 Millions	Thou- sands	Dollars
16	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	\$		
17	<b>TOTAL</b> Sum of lines 1–16 should equal item 10, line a		\$		

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** – 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 Census product code 93000 00 8.

**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."

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									
					Quantity  <b>(D)</b>	Value, f.o.b. plant <b>(E)</b>								
						583	584 Millions	Thou- sands	Dollars					
1	Printing Presses, Offset Lithographic (35551)	SHEET-FED Small offset lithographic presses (less than 14 inches)	35551 01 9	Complete presses		\$								
2			Other offset lithographic presses (14 inches or more)						35551 03 5					
3		ROLL-FED (Web-fed) Newspaper	35551 32 4						↑ ↓					
4			Business form presses											35551 33 2
5			Commercial (including heat-set)											35551 35 7
6			All other roll-fed (web-fed) offset lithographic printing presses – <i>Specify kind</i>											35551 36 5
7	Printing Presses Other Than Lithographic (35552)	FLEXOGRAPHIC (Sheet-fed and web-fed) Presses (less than 16 inches)	35552 03 3	↑ ↓										
8		Presses 16 inches or more	35552 05 8											
9	(Continued on next page)	LETTERPRESS Reel-fed, except flexographic	35552 11 6											
10		All other, except reel-fed and flexographic	35552 13 2											

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Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 - 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	
11	Printing Presses Other Than Lithographic (35552) - Continued	Gravure printing machinery	35552 15 7			\$		
12		Other printing presses, including metal decorating, proof, screen, pad printing, and rebuilt printing presses	35552 19 9					
13	TYPESETTING MACHINERY, EXCLUDING JUSTIFYING TYPEWRITERS (35553)	Phototypesetting machines	35553 05 6					
14		Other machinery, apparatus and equipment for typesetting, with or without founding device, excluding justifying typewriters	35553 09 8					
15	BINDING MACHINERY AND EQUIPMENT (Including paper cutting and collating or gathering machines) (35556)	Saddle, perfect/adhesive, and hard case (edition) binding equipment	35556 61 2					
16		Paper cutting machines	35556 66 1					
17		Collating and/or gathering machines (sold separately)	35556 67 9					
18		Folding machines	35556 71 1					
19		Newspaper inserting equipment	35556 73 7					
20		Other binding machinery and equipment, including stitchers and trimmers	35556 79 4					
21	Other Printing Trades Machinery, Including Parts, Attachments, and Accessories for Printing Trades Machinery and Equipment (Excluding roll coverings and printers' blankets) (35558)	PRE-PRESS PREPARATORY EQUIPMENT (Excluding typesetting equipment and cameras)	Digital electronic pre-press systems, components, and elements, including color and B/W scanners, digitizers, and recorders, other input or output devices, and digital previewers	35558 01 4				
22			Photocomposing machines	35558 15 4				
23			Other pre-press preparatory equipment, n.e.c.	35558 19 6				
24		ENGRAVERS' MATERIALS AND EQUIPMENT	Printing type, blocks, plates, cylinders, and other printing components	35558 71 7				
25			Other printing trades engravers materials and equipment	35558 79 0				
26		Other printing trades machinery and equipment, including platens (except typewriters)		35558 99 8				
27		PARTS, ATTACHMENTS, AND ACCESSORIES FOR PRINTING TRADES MACHINERY, ALL TYPES (Sold separately)	For printing presses including flying pasters, dryers, folders, and reels	35558 83 2				
28			For typesetting machines	35558 85 7				
29			For bindery equipment	35558 87 3				
30			For pre-press preparatory equipment (excluding typesetting and camera parts)	35558 91 5				
31	For other printing trades machinery and equipment		35558 93 1					
32	LITHOGRAPHIC PLATES, PREPARED FOR PRINTING (27961)	Presensitized plates, exposed	27961 11 9					
33		All other lithographic plates, including wipe-on, deep-etch, and multimetal (report unexposed plates on lines 47-52)	27961 35 8					

CONTINUE WITH ITEM 18B ON PAGE 8

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 - 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)		
			581	(B)		(C)	583	584
(A)	(B)	(C)	(D)	Millions	sands			
34	PAPER MACHINES	Paper making machines, dryers for paper pulp, paper or paperboard	35543 27 1					
35		Other paper making machines (including headbox forming area, presses, and reels)	35543 29 7					
36		Coating machines, including equipment for applying sizing or pigment coating to paper	35543 12 3					
37		Calendering and similar rolling machines for finishing paper	35543 13 1					
38		Machines for finishing paper, except calendering or similar rolling (including winders, rewinders, sheeters, wrappers, etc.)	35543 14 9					
39		Other paper machines	35543 15 6					
40	PAPER AND PAPERBOARD CONVERTING EQUIPMENT	Cutting machines (except sheeters and winders)	35543 21 4					
41		Machines for making bags, sacks, or envelopes	35543 22 2					
42		Corrugated box making machines	35543 23 0					
43		Machines for making cartons, boxes, cases, tubes, drums, or similar containers, except by molding (excluding corrugated box making machines)	35543 24 8					
44		Machines for molding articles in paper pulp, paper, or paperboard	35543 25 5					
45	OTHER PAPER AND PAPERBOARD CONVERTING EQUIPMENT, N.E.C.	For finishing paper or paperboard	35543 37 0					
46		Equipment, n.e.c., for converting paper and paperboard	35543 39 6					
47	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					
48			26					
49			34					
50			42					
51	59							
52	CONTRACT WORK	Receipts for work done for others on their own materials . . . . .	93000 00 8					
		<i>Describe below products worked on and kind of work.</i>						
53	MISCELLANEOUS RECEIPTS	Receipts for installation (or construction) of products of this establishment	99980 31 0					
54		Receipts for repair work	99980 61 7					
55		Other miscellaneous receipts	99980 98 9					
56	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					
57	<b>TOTAL value of shipments and other receipts</b> Sum of lines 1-56 column (E)		77000 00 8					\$

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**Item 19. SELECTED PRODUCTS PRODUCED IN THIS ESTABLISHMENT AND USED IN MANUFACTURING OTHER PRODUCTS MADE IN THIS ESTABLISHMENT**

**INSTRUCTIONS**

- 1. Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.
- 2. Purchases or receipts of the items specified below should be reported only in item 17.
- 3. Materials used to produce the items specified below should be reported in item 17.
- 4. Quantities produced for sale as such and not for incorporation in other products should be reported in item 18B.
- 5. Report quantities in the unit of measure specified in column (D).

Line No.	Item  <b>(A)</b>	Census code  <b>(B)</b>	Was this operation performed at this establishment during 1997? <b>(C)</b>		Unit of measure for quantities  <b>(D)</b>	Quantities produced in this establishment and used in manufacturing other products made in this establishment
						<b>(E)</b>
			591	592		593
		Yes	No			
1	Ferrous foundries	1001 7	1 <input type="checkbox"/>	2 <input type="checkbox"/>	Short tons	
2	NONFERROUS FOUNDRIES (Except die-casting)	Aluminum	1002 5	1 <input type="checkbox"/>	2 <input type="checkbox"/>	Thousand pounds
3		Copper	1003 3	1 <input type="checkbox"/>	2 <input type="checkbox"/>	
4		Zinc	1004 1	1 <input type="checkbox"/>	2 <input type="checkbox"/>	
5		Other	1005 8	1 <input type="checkbox"/>	2 <input type="checkbox"/>	
6	Nonferrous die-casting foundries	1006 6	1 <input type="checkbox"/>	2 <input type="checkbox"/>		
7	Precision turned products (on screw machines, turning centers, and CNC equipment)	1007 4	1 <input type="checkbox"/>	2 <input type="checkbox"/>		

**Items 20 and 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> )			
Period covered	FROM: Month	Day	Year	TO: Month	Day	Year
	666	1		2		
Signature of authorized person			Title		Date	