## **16** DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES

**General** - The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in ②. 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 that are not listed, describe and report them in the "Cost of all other materials"... " 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 009700 99 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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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.

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 the dect, have incurred in acquiring the materials.

Materials received from other plants within the plants within the plants within the plant plant plant plant plant plants the cold of the plant plant plants the cold of the plants within the pl valve the lalue

If purchases or transfers do not differ significantly from the amounts actually put into plotusion, 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 onlinges in the paterials and supplies inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory.

Contract Work - Include at my trial consumer those you purchased for use by others making products for you under contract. Amounts pad the companies doing the contract work should be reported in , line A5, 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.

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 **©**, line A2, not in **©**. The value of these products shipped by this establishment should be reported in 2 under Census product code 000999 8900 6, "Resales."

**Produced and Consumed -** Forgings, foundries, and screw machine products - Report the quantities produced and used in manufacturing other products made in this establishment in **3**. Note that the materials used to produce these items should be reported in **6**.

Lines 6 through 8 - Scrap generated in other establishments of your company and transferred to this establishment should be reported as scrap purchased from outside sources. Exclude home scrap.

ie No.	Materials, parts, and supplies	Census material code	mater	imption of rials and of ceived fron blishments compan	n other s of your	
Line			Cost, i	ncluding de (freight-i	elivery cost in)	
	0634	0630	\$ Bil.	Mil.	Thou.	
-	Shapes and forms (excluding castings, forgings, and fabricated metal products)					
1	Copper and copper-base alloy	331421 11 5				
2	Aluminum and aluminum-base alloy	331000 39 8				
3	Zinc and zinc-base alloy	331491 05 0				
4	Magnesium and magnesium-base alloy	331419 35 8				900
5	All other nonferrous shapes and forms	331000 AG 4				100
	Nonferrous scrap (excluding home scrap)					ç
6	Copper and copper-base alloy	001900 24 0				
7	Aluminum and aluminum-base alloy	001900 40 6				
8	All other nonferrous scrap	001900 80 2				

CONTINUE WITH TO ON PAGE 9

If n Nu	not shown, please enter your 11-digit Census File mber (CFN) from the mailing address.							
16	DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued							
Line No.	Materials, parts, and supplies	Census material code	mate:	other of your				
<u>5</u>			Cost, i	materials and of materials received from other establishments of your company  cost, including delivery cost (freight-in)  Bil. Mil. Thou.				
	0634	0630	\$ Bil. 0631	Mil.	Thou.			
	Industrial and commercial machinery and computer equipment							
9	Industrial patterns	332997 00 6						
10	Industrial dies, molds, jigs, and fixtures	333500 03 1						
11	All other industrial and commercial machinery and computer equipment	001900 A4 1						
12	Sand	212320 05 5						
13	Grinding wheels and other abrasive products, excluding industrial diamonds	327910 01 4	ı	1 1	1 1			
	Cost of all other materials and components, parts, containers, and supplies							
consumed (Specify	consumed (Specify the principal materials, etc., included in this value.)	009700 99 8			1 1			
		_	•					
					1 1			
15	TOTAL (Should equal total reported in 🕏, line A1)	771000 00 7						

17-21 Not Applicable.

DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

**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 ②. 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.

**Products Shipped and Other Receipts** - Report the quantity and value of each product made and physically shipped during 2002 from this establishment; include products shipped to other plants, sales branches, retail stores, or warehouses of your company and on consignment. Deduct returned goods. Also report the value of services performed at this establishment.

Quantities - Lines 1 through 8, 31, 34, and 36 through 38 - Where requested, report the weight of castings before machining. The removal of gates; risers; sprues; and tumbling, dipping, or sandblasting do not constitute machining. Report in the weight of rough castings you produced and machined or assembled into other products in this establishment. The quantity and value of the machined castings or the finished product in which the castings are incorporated should be entered in appropriate columns on lines 48 through 53.

**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.

CONTINUE WITH 2 ON PAGE 10

DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Line 35 - Report heat and/or corrosion resistant steel castings containing eight percent or more of chromium or nickel, or both, with or without molybdenum or other elements.

**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 code 000930 0000 8.

**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 code 000999 8900 6, "Resales."

	under Census code 000999 8900 6, "Resales."	T	1						
o.		Census product	Unit of	Products	s shipped and other receipts				
Line No.	Products and services	code	measure for guantities	Quantity	_	alue, f.o.b.	i		
Ë			<u> </u>		\$ Bil.	Mil.	Thou.		
	0734	0730	0736	0732	0731				
1	Aluminum and aluminum-base alloy die-castings .	331521 0100 3	<b>↑</b>		'				
•	Aluminum and aluminum-base alloy die-castings .	331521 0100 3	-						
	Nonferrous die-castings (except aluminum)								
	Copper and copper-base alloys (including								
2	bearings and bushings)	331522 0101 9	1000 lb						
_	<del></del>	004500 0000 0	1000 15		1	1 1	1 1		
3	Zinc and zinc-base alloys	331522 0206 6	.						
4	Magnesium and magnesium-base alloys	331522 0311 4							
	Magnesiam and magnesiam base aneye	001022 0011 1	1						
5	Lead and lead-base alloys	331522 0416 1				1 1			
	Other nonferrous metal die-castings (Specify kind of metal.)								
	initial of findant, g								
6		331522 0521 8							
	Aluminum and aluminum-base alloy castings		<b>†</b>						
	(excluding die-castings)								
	Aluminum and aluminum-base alloy castings								
	(except cast aluminum cooking utensils)		1000 lb						
7	Sand	331524 0101 5			'				
	Salia	331524 0101 5							
8	Permanent and semipermanent mold	331524 0206 2				1 1	1 1		
	'								
9	Investment	331524 0311 0							
4.0	0.1					1 1	1 1		
10	Other	331524 0421 7							
	Nonelectric cast aluminum pressure cookers,								
11	household-type and nonelectric cast aluminum	221524 0410 7			'	1 1	1 1		
11	cooking utensils	331524 0416 7							
	Copper and copper-base alloy castings (excluding								
	die-castings)								
	Copper and copper-base alloy castings (except bearings and bushings)								
	Sand castings								
	Cana Cacango								
12	Alloy (C84400)	331525 0101 2				1 1	1 1		
	Landad or L. L. L. L. L.								
13	Leaded red and semired brasses (C83100-C84000)	331525 0206 9							
		33.023 0200 0							
1.4	Tin bronzes (including leaded and high-	224505 2444 5			'	1 1	1 1		
14	leaded (C90100-C94500))	331525 0411 5							



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If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

e \_\_\_\_\_

DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued Products shipped and other receipts Unit of Š Census product Value, f.o.b. plant Products and services measure for Line code Quantity quantities \$ Bil. Mil. Thou. 0734 0730 0736 0732 0731 Copper and copper-base alloy castings (excluding die-castings) - Continued Copper and copper-base alloy castings (except bearings and bushings) - Continued

331525 0416 4

331525 0221 8

331525 0426 3

331525 0531 0

331525 0546 8

331525 0651 6

331528 0201 4

331528 0206 3

Sand castings - Continued

C82900)

yellow brasses (C85100-C85900), nickel tin bronzes (C94600-C94900), nickel silvers (C97100-C97900), lead bronzes (C98100-C98900), special alloys (C99100-C99900)

Permanent and semipermanent mold . . . .

Copper and high-copper alloys (C80100-

zinc and zinc-base alloy

Magnesium and magnesium-base alloy

Other nonferrous metal castings (Specify kind of metal.)

331528 0211 3 331528 0116 4

331528 0221 2

CONTINUE WITH 2 ON PAGE 12

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**17** 

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22	DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVI	ENUE - Continue	a				
Line No.	Products and services	Census product code	Unit of measure for quantities	1		and other realue, f.o.b. Mil.	
=	0734	0730	0736	0732	0731		
	Steel investment castings			-			
28	Carbon (including low alloy)	331512 0101 0					
29	Alloy (excluding stainless)	331512 0106 9					
30	Stainless steel	331512 0311 5					
31	Hi-temp metal castings (iron, nickel, or cobalt- base alloys)	331512 0216 6	pounds				
	Other carbon steel castings, except investment						
32	Cast steel railroad car wheels and railway specialties	331513 1101 7					
33	Other carbon steel castings (including rolls for rolling mills)	331513 1211 4					
	High alloy steel castings (except investment)		short tons				
34	High manganese steel castings	331513 3101 5	+				
35	Other high alloy steel castings	331513 3106 4	<b>A</b>				
	Other alloy steel castings (except investment)						
36	Railway specialties	331513 5101 3	short tons				+
37	Rolls for rolling mills	331513 5106 2	-				
38	All other alloy steel castings	331513 5111 2	+				
	Industrial molds billed to customers separately (Include only those molds whose cost was borne directly by the company for whom the mold was made, whether delivered to that company or kept in your own plant.) (Do not report elsewhere in item the value of molds reported here.)						
	Molds for metal or metal carbides (except ingot molds)						
	Die-casting dies						
39	For low-pressure casting	333511 0101 0					
40	For high-pressure casting	333511 0106 9					
41	Permanent molds (for gravity casting)	333511 0211 7					
	Other types (Specify kind.)						
42		333511 0216 6					
12	Malla Garage	222544 2224 2					

CONTINUE WITH ② ON PAGE 13

Molds for wax ......

333511 0221 6

If n	ot shown, please enter your 11-digit Census File mber (CFN) from the mailing address.						
22	DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVE	ENUE - Continued	d				
No.	Products and services	Census product	Unit of measure for		<del></del>	and other re alue, f.o.b.	•
Line No.	0734	0730	quantities	Quantity 0732	\$ Bil.	Mil.	Thou.
	Industrial molds and mold boxes, nsk (excluding molds for metal, metal carbides, or wax) (Specify kind.)						
44		333511 0YWW 4					
45	Foundry patterns (billed to customers separately) (Include only those patterns whose cost was borne directly by the company for whom the pattern was made, whether delivered to that company or kept in your own plant.)	332997 0101 2					
46	Receipts for machine shop job work and job order repairs	332710 0100 1					
47	Magnetos, magneto-dynamos, and magnetic flywheels	336322 9304 0					
	All other products made in this establishment - Specify and report each product with sales value of \$50,000 or more that cannot be assigned to one of the "listed products and services". For all remaining products, write "Other" and report a single total value.						
48		18					
49		26					
50		34					
51		42					
52		59					
53		67					
	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.)						
54		000930 0000 8				1 1	
	Miscellaneous receipts						
55	Sales of scrap and refuse	000999 8013 8					
56	Receipts for repair work	000999 8061 7					
57	Other miscellaneous receipts	000999 8098 9					
58	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in <b>©</b> , line A2.)	000999 8900 6					
59	TOTAL (Should equal 4, line A)	770000 0000 8					
	•						

. 0111	1 MO-33 122				1 age 14
23-	Not Applicable.				
26	SPECIAL INQUIRIES				
	SELECTED PRODUCTS PRODUCED AND CONSUMED				
	<ul> <li>Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.</li> <li>Purchases or receipts of the items specified below should be reported only in feature.</li> </ul>	ent			
	<ul> <li>only in .</li> <li>Materials used to produce the items specified below should be reported in .</li> </ul>		Mark "X" is	f	Quantities produced in this
	<ul> <li>Quantities produced for sale as such and not for incorporation in other products should be reported in ②.</li> <li>Report quantities in the unit of measure specified.</li> </ul>		not perform at this establishme	measure for	establishment and used in manufacturing other products made in this establishment
					Cotabilomiloni
	1. Ferrous foundries	8301		short tons	
	2. Nonferrous foundries, excluding die-casting				
	<b>a.</b> Aluminum	8302		1000 lb	
	<b>b.</b> Copper	8303		1000 lb	
	<b>c.</b> Zinc	8304		1000 lb	
	<b>d.</b> Other	8305		1000 lb	
	3. Nonferrous die-casting foundries	8306		1000 lb	
	4. Did this establishment produce precision turned products (on screw machines, turning centers, and CNC equipment)?  Yes  8309  No				
<b>27</b>	Not Applicable.				

	ABLISHMENT ACTIVITIES				This activity was performed -							
or du	dicate activities that were performed by this establishment were performed for this establishment by another company uring 2002.  **Jark "X" ALL that apply.)		y this dishm		By another establishment	Ву	another mpany		t at a			
1.	Product design/engineering	0921			8071	0941		0961				
2.	Order fulfillment											
	a. Bundling or kitting (combining multiple items into a prepackaged product)	0923			8072	0943		0963				
	<b>b.</b> Pick and pack (taking goods from inventory and packaging them to fill orders)	0924			8073	0944		0964				
	c. Warehousing of finished products	0925			8074	0945		0965				
	<b>d.</b> Breaking bulk (reducing large shipments into smaller portions for customers)	0926			8075	0946		0966				
	e. Local delivery (within a city, town, or other local area, including adjoining towns and suburban areas)	0927			8076	0947		0967				
	f. Long distance delivery (beyond local areas and commercial zones)	0928			8077	0948		0968				
	g. Processing of returned merchandise	0932	Ш		8078	0952	Ш	0972	Ш			
B. Du	ıring 2002 did this establishment:											
1.	Manage inventory owned by this establishment AND held at this location?	0936		Ye	s	0937	□ No	)				
2.	Manage inventory owned by this establishment BUT held at a customer's location?	0956		Ye	s	0957	□ No	)				
3.	Manage inventory owned by another company BUT held at this location?	0976		Ye	s	0977	□ No	)				
4.	Manage inventory owned by another company AND held somewhere other than at this location?	0994		Ye	s	0995	□ No	)				
5.	Contract with another firm for any of your production using materials owned by this location?	8041		Ye	S	8042	□ No	)				
6.	Send any partially completed products to a foreign facility for processing that were then returned to this establishment for completion?	8044		Ye	s	8045	□ No	)				
7.	Manufacture products for a government to their specifications?	8047		Ye	s	8048	□ No	)				
8.	Manufacture products for another business to their specifications?	8016		Ye	s	8017	□ No	)				
9.	Manufacture products for a final retail customer to their specifications?	8060		Ye	s	8062	□ No	)				

PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.