## 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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 our tomb the later handling charges. When the later handling charges.

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 **2**. Note that the materials used to produce these items should be reported in **6**.

Line No.	Materials, parts, and supplies	Cens	sus material code	mate re esta	umption of prials and of ceived from ablishments compan	materials other of your y elivery cost
	0634	0630		\$ Bil.	Mil.	Thou.
	Fabricated metal products (excluding forgings)	0630		0631		
	Table and the cause (exchange for giving of					
1	Bolts, nuts, screws, rivets, washers, and screw machine products	33	2722 03 2			
2	Other fabricated metal products	33	2000 97 5		1 1	
3	Forgings	33	2100 01 5			
	Castings (rough and semifinished)					
4	Iron and steel	33	1510 01 6			
5	Aluminum and aluminum-base alloy	33	1520 05 6			
6	Other nonferrous	33	1520 03 1			

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Page 9

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.

**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.

**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."

## **Special Reporting Instructions and Definitions-**

Contract work requested on line 32 covers manufacturing activities performed only on materials owned by others and excludes any machine shop job work or job order repairs.

If another company makes products for you from your materials on a contract basis, report the value of these products on lines 1 through 25 but not on line 32.

Receipts for repair work requested on line 36 cover occasional repairs not done on a factory basis and exclude any machine shop job order repairs.

	machine shop job order repairs.				
.o.	Products and services	Census product		ts shipped receipts	l and other
Line No.	Products and services	code	V	alue, f.o.b.	plant
<u> </u>			\$ Bil.	Mil.	Thou.
	0734	0730	0731		
1	Receipts for machine shop job work and job order repairs, (including the activities and operations that follow: producing machinery parts, all types; repairing machinery parts, all types; machining of castings, crankshafts, etc.; grinding, boring, milling, and other machining activities (Report sharpening services on line 9.); and repairing of machinery on a factory basis)	332710 0100 1			
	Metal services, nec				
2	Heat treating of metal (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	332811 0100 7			
	Coating, engraving, etching, painting, enameling, lacquering, varnishing, galvanizing, and allied services (Specify kind.)				
3		332812 0YWW 7			
4	Electroplating, plating, polishing, anodizing, and coloring	332813 0101 1			
5	Laminating steel for the trade	332813 0102 9			
6	Steel service centers (including steel slitting on a customer basis)	000950 5100 9			
7	Steel slitting on a contract basis	000973 8901 9			
8	Welding repair shop (welding service)	000976 9200 8			
9	Sharpening services	000976 9900 3			
10	Weldments and fabricated steel plate	332313 0346 3			

CONTINUE WITH 29 ON PAGE 11



f not shown,	please	enter	your	11-digit	Census	File
Number (CFN)	from t	he ma	ilina	address.		

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22	DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued					
lo.	Doodings and coming	Cens	sus product	Produ	ucts shipped receipts	
Line No.	Products and services		code		Value, f.o.b.	plant
<u>'</u>				\$ Bil.	Mil.	Thou.
	0734	0730		0731		
	Sheet metal work, such as: (a) air-conditioning ducts, or stove pipe; (b) culverts, flumes, or irrigation pipes; (c) roofing and roof drainage equipment; (d) flooring and siding; (e) awnings, canopies, cornices, or soffits; (f) electronic enclosures; (g) other (Specify kind.)					
11		33232	22 WYWW 4			
	Job stampings for the trade					
12	Automotive	336	370 0100 0			
13	All other job stampings	3321	16 1YWV 4			
14	Precision turned products and turned parts (nonstandard items made from rod, bar, or tube stock on screw machine turning centers and CNC equipment)	33272	21 WYWW 7			
	Bolts, nuts, screws, rivets, and washers, such as: (a) aircraft (including aerospace) fasteners other than plastics (meet specifications for flying vehicles); (b) externally threaded metal fasteners, except aircraft types; (c) internally threaded metal fastners, except aircraft types; (d) nonthreaded metal fasteners, except aircraft types; (e) products, other than fasteners, made by cold-heading processes (Specify kind.)					
15		33272	22 WYWW 5			
16	Industrial molds and mold boxes	3335	11 0YWW 4			
	Special dies and tools, die sets, jigs, and fixtures (Specify kind.)					
17		3335	14 0YWW 8			
	Industrial models and prototypes (Specify kind.)					
18		333	514 0878 7			
	Machine tool accessories, nsk (Specify kind.)					
19		3335	15 WYWW 2			

CONTINUE WITH ② ON PAGE 12



	00110				1 age 12
22	DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued				
O	Products and services	Census product	Produc	cts shipped receipts	l and other
Line No.	r roducts and services	code	V	alue, f.o.b.	plant
	0734	0730	\$ Bil. 0731	Mil.	Thou.
	Miscellaneous machinery products, except electrical Flexible metal hose and tubing				
20	Copper and copper-base alloy	332999 5101 3			
21	Aluminum and aluminum-base alloy	332999 5106 2			
22	Stainless steel	332999 5111 2			
23	Other	332999 5116 1			
	Other general purpose machinery (Specify kind.)				
24		333999 9110 9			
	General purpose machinery, such as: (a) filters and strainers, except fluid power; (b) filters for hydraulic fluid power systems, nonaerospace; (c) filters for pneumatic fluid power systems, nonaerospace; (d) filters for hydraulic and pneumatic fluid power systems, aerospace; (e) other (Specify kind.)				
25		333999 WYWW 8			
	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.				
26		18			
27		26			
28		34			
29		42			
30		59			
31		67			
	Contract work - Receipts for work done for others on their materials (excluding receipts for machine shop job work reported on line 1) (Specify products worked on and kind of work.)				
32		000930 0000 8			
	Miscellaneous receipts				
33	Sales of scrap and refuse	000999 8013 8			
34	Receipts for installation (or construction) of products of this establishment	000999 8031 0			

CONTINUE WITH ② ON PAGE 13



Nun	nber	(Cr	.IA)	Trom	tne	mai	iing	au	C
2	DFT	ΔΙΙ	ΩF	SALE	:S S	HIPM	1FNT	S	F

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

No.		Census product	Produ	cts shipped receipts	
	Products and services	code	V	alue, f.o.b.	plant
Line			\$ Bil.	Mil.	Thou.
	0734	0730	0731		
	Miscellaneous receipts - Continued				
35	Receipts for research and developmental work	000999 8041 9			
36	Receipts for repair work (Report only receipts from occasional repairs not done on a factory basis.) (Exclude receipts for machine shop job order repairs reported on line 1.)	000999 8061 7			
37	Other miscellaneous receipts	000999 8098 9			
38	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in <b>6</b> , line A2.)	000999 8900 6			
39	TOTAL (Should equal 4), line A)	770000 0000 8			



23–25 Not Applicable.

-orm	MC-	33225		Page 14
26	SPEC	AL INQUIRIES		
	_	LECTED METALWORKING AND RELATED OPERATIONS		
	(R pr	eport the type(s) of operation(s) performed below and the approximate number of oduction workers on all shifts usually engaged in the specified operation.)		
	,			
			Mark "X if None	
	1.	Electroplating and other plating	1 🗆	
	2.	Galvanizing and other hot dip coating of fabricated articles	2	
	3.	Heat treating of metals for production purposes		
	4.	Precision turned products (on screw machines, turning centers, and CNC equipment) . 840		
	5.	Machine shop	5	
	6.	Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling	6	
	7.	Pattern shop (foundry patterns only - metal, wood, etc.)	7	
	8.	Sheet metal work, aluminum or steel		
	9.	Stamping and blanking of metals		
		D. Painting, lacquering, and enameling on metals		
		• Welding of steel plate for manufacturing production		
	12	. Welding repair shop	2	
		CONTINUE WITH <b>②</b> ON PAGE 15		

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SPECIAL INQUIRIES - Continued					
SELECTED PRODUCTS PRODUCED AND CONSUMED     Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.     Purchases or receipts of the items specified below should be reported.	ent				
<ul> <li>only in .</li> <li>Materials used to produce the items specified below should be reported in .</li> <li>Quantities produced for sale as such and not for incorporation in other products should be reported in .</li> <li>Report quantities in the unit of measure specified.</li> </ul>		Mark "X not perfor at this establishi	med S	Unit of measure for quantities	Quantities produced in this establishment and used in manufacturing other products made in this establishment
1. Ferrous foundries	8301			short tons	
2. Nonferrous foundries, excluding die-casting					
<b>a.</b> Aluminum	8302			1000 lb	
<b>b.</b> Copper				1000 lb	
<b>c.</b> Zinc				1000 lb	
<b>d.</b> Other				1000 lb	
3. Nonferrous die-casting foundries	8306	;		1000 lb	
<ul> <li>4. Did this establishment produce precision turned products (on screw machines, turning centers, and CNC equipment)?</li> <li>Yes</li> </ul>					
Not Applicable.					

28	ESTAI	BLISHMENT ACTIVITIES									
					This ac	tivity w	as per	forme	ed -		
	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 lishmer	estáblis nt of t	other shment this pany		anothe mpany		Not	at all
	1.	Product design/engineering	0921		8071		0941		096	i1	
	2.	Order fulfillment									
		<b>a.</b> Bundling or kitting (combining multiple items into a prepackaged product)	0923		8072		0943		096	3	
		<b>b.</b> Pick and pack (taking goods from inventory and packaging them to fill orders)	0924		8073		0944		096	64	
		<b>c.</b> Warehousing of finished products	0925		8074		0945		096	5	
		<b>d.</b> Breaking bulk (reducing large shipments into smaller portions for customers)	0926		8075		0946		096	6	
		e. Local delivery (within a city, town, or other local area, including adjoining towns and suburban areas)	0927		8076		0947		096	i7	
		f. Long distance delivery (beyond local areas and commercial zones)	0928		8077		0948		096	8	
		g. Processing of returned merchandise	0932		8078		0952		097	2	
	<b>B.</b> Du	ring 2002 did this establishment:									
	1.	Manage inventory owned by this establishment AND held at this location?	0936	□ Y	es		0937		No		
	2.	Manage inventory owned by this establishment BUT held at a customer's location?	0956	П	es		0957		No		
	3.	Manage inventory owned by another company BUT held at this location?	0976	□ <sub>Y</sub>	es		0977		No		
	4.	Manage inventory owned by another company AND held somewhere other than at this location?	0994	□ Y	es		0995		No		
	5.	Contract with another firm for any of your production using materials owned by this location?	8041	П	es		8042		No		
	6.	Send any partially completed products to a foreign facility for processing that were then returned to this establishment for completion?	8044	□ Y	es		8045		No		
	7.	Manufacture products for a government to their specifications?	8047	П	es		8048		No		
	8.	Manufacture products for another business to their specifications?	8016	П	es		8017		No		
	9.	Manufacture products for a final retail customer to their specifications?	8060	□ <sub>Y</sub>	es		8062		No		

Nun 29	OPE	$2\Delta TIO$	NIAI GIAIIIG													
<b>3</b>			NAL STATUS at best describes t	his est	tablis	hment's statu	us at the e	end o	of 2002							
	(Mar	k "X"	only ONE box.)					a o								
	0011	☐ In	operation	0013		Temporarily	or seasor	nally	inactive				la a		1	
	0012	d	nder construction evelopment, or	, 0014		Ceased opera			_			→ 001	8 Month	n Day	Y	ear
		ex	xploration	0015		Sold or lease Give date at and mailing	right ANI	D ent	er new i	name		→				
		0060	lame of new owner	or ope	rator			0061	Employe	r Ident	ificatio	n Numb	er			
									Enter Ell owner (S				-			
		0062	Mailing address (nur	nber aı	nd str	eet, P.O. Box, e	etc.)	!								
		0063 (	City, town, village, e	ic.						0	064 Stat	e 0065	ZIP Code	)		
														-	'	
			e use this space fo													
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the	time		d covered by this	report	а са	•		ROM	Mon		rdance Year	with t	he instru TO	uctions		ear
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the	time	perio es	d covered by this	report	a ca ime p	lendar year? period covered	d <b>→</b> F	ROM	Mon			with t	то	1		ear
the	time	perio es of perso	d covered by this  0079 No - E  on to contact regard  Area code	report	a ca ime p	lendar year? period covered	d <b>→</b> F	FROM 00 3 Title	Mon 070		Year	with t	TO 0071	Month		ear
the	e time	perio es of perso	d covered by this  0079 No - E	report	a ca ime p	lendar year? period covered	d → F	ROM 00 3 Title	Mon 070	th	Year		TO 0071	Month Nu	mber	ear