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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

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 agnificantly from the amounts purchased or transferred, these amounts should be adjusted for onlyinges 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 to be 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 6, line A2, not in 6. The value of these products shipped by this establishment should be reported in 2 under Census product code 000999 8900 6, "Resales."

	<u> </u>								
Line No.	Materials, parts, and supplies	Census material code	Consumption of purchased materials and of materials received from other establishments of your company Cost, including delivery cost						
			\$ Bil.	(freight-i	Thou.				
	0634	0630	0631	IVIII.	Tilou.				
1	Electric motors and generators	335312 01 3							
2	Electrical transmission, distribution, and control equipment	001900 B1 6							
	Fluid power products (hydraulic and pneumatic)								
3	Pumps, motors, and hydrostatic transmissions	333996 01 5							
4	Cylinders and rotary actuators	333995 01 7							
5	Hose or tube fittings and assemblies	332912 03 9							
6	Valves	332912 07 0							
7	Speed changers, gears, and industrial high-speed drives	333612 00 0							
	Bearings (mounted or unmounted)								
8	Ball	332991 05 8							
9	Roller	332991 03 3							
10	Gasoline engines and parts specially designed for gasoline engines	336312 00 4							
11	Diesel engines and parts specially designed for diesel engines	333618 03 1							

CONTINUE WITH TO ON PAGE 9

	DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued	T	1					
Line No.	Materials, parts, and supplies	Census material code	Consumption of purchased materials and of materials received from other establishments of your company Cost, including delivery cost (freight-in)					
Lin								
	0634	0630	\$ Bil. 0631	Mil.	Thou.			
12	Purchased chassis for vehicles (excluding passenger cars)	336000 01 3						
13	Engine electrical equipment, including spark plugs, magnetos, generators, starters, etc.	336322 00 3						
14	Shocks, struts, and other suspension equipment and parts	336330 00 6		<u> </u>	<u> </u>			
15	Transmissions and parts	336350 03 8						
16	Pneumatic tires and inner tubes	326210 03 6						
17	Wheels, motor vehicle	336399 09 2						
	Fabricated metal products, excluding forgings and fluid power valves and hose or tube fittings and assemblies							
18	Metal stampings	332000 AC 2						
19	Bolts, nuts, washers, rivets, and screw machine products	332722 03 2						
20	Fabricated structural metal products, including metal tanks, heat exchangers, steam condensers, other boiler products, steel plate, weldments, and sheet metal products	332000 99 1						
21	All other fabricated metal products	332000 65 2						
22	Fabricated metal wire products (including wire rope, cable, springs, etc.)	332900 09 1						
23	Forgings	332100 01 5						
	Castings (rough and semifinished)							
24	Iron and steel	331510 01 6		· ·				
25	Nonferrous (aluminum, copper, etc.)	331520 11 4						
	Shapes and forms (excluding castings, forgings, and fabricated metal products) Steel							
26	Bars, bar shapes, and plate	331200 07 1						
27	Sheet and strip	331200 17 0		· ·				
28	Structural shapes and sheet piling	331200 19 6						
29	All other steel shapes and forms	331200 91 5						
30	All nonferrous shapes and forms	331000 AJ 9	, ,					

16	DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued							
Line No.	Materials, parts, and supplies	Census material code	Consumption of purchased materials and of materials received from other establishments of your company Cost, including delivery cost					
			\$ Bil.	(freight-in	Thou.			
	0634	0630	0631					
31	Rubber and plastics hose and belting	326220 01 9						
32	Fabricated plastics products (excluding gaskets, hoses, and belting)	326100 07 0		1 1				
33	Paints, varnishes, lacquers, stains, shellacs, japans, enamels, and allied products	325510 03 0						
34	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.)	009700 99 8						
35	TOTAL (Should equal total reported in 16, line A1)	771000 00 7			1 1			

17-21 Not Applicable.

22 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.

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."

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 the CIR form, the sum of the detailed products should equal the total reported on this form. For corresponding survey item codes, see paragraph 4, "Comparability," of CIR Instruction Manual.

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

CONTINUE WITH 2 ON PAGE 11

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

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

Page 11

Thou.

Products shipped and other receipts Š. Products and services Census product *Items correspond to products reported on Current Industrial Reports (CIR) code Line Value, f.o.b. plant \$ Bil. Mil. 0734 0730 0731 Construction machinery (Corresponds to value of shipments reported on CIR Form MA333D, Construction Machinery, for 2002.)* Power cranes, draglines, excavators, and dedicated attachments; including surface mining equipment (excluding replacement parts and machinery for mounting on tractors and other prime movers) (Report 1 parts on line 18.) 333120 1110 0 Mixers, pavers, and related equipment (asphalt plants and bituminous distributors, stabilization equipment, cold planers and milling machines; concrete batching plants, vibrators, pumps, trowels, screeds, etc.), excluding parts (Report parts on line 19.) 2 333120 1220 7 Off-highway trucks, coal haulers, truck-type tractor chassis, trailers and wagons; excluding parts (Report attachments on line 7 and replacement 3 parts on line 20.) 333120 1330 4 Tractor shovel loaders sold with or without attachments; (including integral design loader/backhoes; excluding parts) (Report attachments on line 7 and replacement parts on line 21.) 333120 1440 1 Crawler tractors and contractors' off-highway wheel tractors (wheel and crawlers construction-type tractors, dozers, and self-propelled skidders, sold with or without attachments; excluding parts) (Report attachments

attachments or rotary snow blowers on line 24.) Other construction and related machinery and equipment, excluding parts (Report parts on line 24.) 10

Commercial brush, limb, and log choppers for waste wood reduction . . .

Motor graders and light maintainers, rollers and compactors, roughterrain forklifts, scraper bowls, and self-propelled continuous ditchers and trenchers; excluding parts (Report attachments on line 7 and

Construction machinery for mounting on tractors, trucks, or other prime movers (excluding winches and snow-clearing attachments), complete units (Report parts on line 23.)

Portable crushing plants, screening plants, washing plants, and combination plants (*Report parts on line 24; see also line 27 and line 34 for nonportable* plants.) (Corresponds to value of shipments reported on CIR Form MA333F,

Mining Machinery and Equipment, for 2002, item codes 0951 - 0957.)*

Snow-clearing attachments for mounting on tractors or trucks, including v-shaped snow plows, single blades and wings, and snow blowers (Report rotary snow blowers on line 17 and replacement parts for snow-clearing

on line 7 and replacement parts on line 21.)

replacement parts on line 22.)

Digger-derricks Vertical earth augers and power posthole diggers (excluding water well

333120 1550 7

333120 1660 4

333120 1770 1

333120 8110 3

333120 8115 2

333120 8126 9

333120 8127 7

333120 8135 0

333120 8144 2

333120 8148 3

CONTINUE WITH 2 ON PAGE 12

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Forn	n MC-33302				Page 12
22	DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued				
Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)		and other		
ine	"items correspond to products reported on Current industrial Reports (CIR)	code		alue, f.o.b.	f .
	0734	0730	\$ Bil.	Mil.	Thou.
	Other construction and related machinery and equipment, excluding parts (Report parts on line 24.) - Continued				
15	Horizontal earth boring machines and accessories	333120 8152 5			
16	Pile driving equipment (including hammers and extractors)	333120 8156 6			
	All other construction machinery and equipment, complete units (Specify kind.)				
17		333120 8199 6			
18	Parts for power cranes, draglines, excavators, surface mining equipment, and dedicated attachments (sold separately)	333120 9111 0			
19	Parts for mixers, pavers, and related equipment (sold separately)	333120 9352 0			
20	Parts for off-highway trucks, coal haulers, truck-type trailer chassis, trailers, and wagons (sold separately)	333120 9353 8			
21	Parts for crawler tractors, contractors' off-highway wheel tractors, and tractor shovel loaders (sold separately)	333120 9245 6			
22	Parts for graders, rollers, compactors, forklifts, scrapers, and self-propelled continuous ditchers and trenchers (sold separately)	333120 9366 0			
23	Parts for construction machinery for mounting on tractors or other prime movers (sold separately) (<i>Report parts for snow-clearing attachments on line 24.</i>)	333120 9377 7			
24	Parts for other construction machinery and equipment (Report parts for equipment reported on lines 8-17.)	333120 9388 4		1 1	
25	Underground mining machinery (except parts sold separately) (Corresponds to value of shipments reported on CIR Form MA333F, Mining Machinery and Mineral Processing Equipment, for 2002, item codes 1085 - 1185.)*	333131 1100 8			
26	Mineral processing and beneficiation equipment (except parts sold separately)	333131 3100 6			
27	Crushing, pulverizing, and screening machinery (except parts sold separately and portable crushing, screening, washing, and combination plants; see line 8) (Corresponds to the value of shipments reported on CIR Form MA333F, Mining Machinery and Mineral Processing Equipment, for 2002, item codes 2415 - 2490.)*	333131 5100 4			
28	Drills and other mining machinery, nec (except parts sold separately) (Corresponds to the value of shipments reported on CIR Form MA333F, Mining Machinery and Mineral Processing Equipment, for 2002, item codes 4004 - 4075.)*	333131 7100 2			
	,				

CONTINUE WITH ② ON PAGE 13



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Page 13

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

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

Š.	Products and services	Products shipped and othe receipts							
Line No.	*Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Va	plant					
<u>:</u>	0734	0730	\$ Bil.	Mil.	Thou.				
	Mining/rock drill bits								
	Percussion rock mining drill bits, with working part of sintered metal		1						
29	carbide or cermets, and base metal parts thereof	333131 9101 8							
80	Rock mining drill bits other than percussion, with working part of sintered metal carbide or cermets, and base metal parts thereof	333131 9106 7							
81	Other mining drill bits with working part of sintered metal carbide or cermets, and base metal parts thereof	333131 9111 7							
32	Drill bits not having a working part of sintered metal carbide or cermets, and base metal parts thereof	333131 9216 4							
	·								
	Parts and attachments for mining machinery and equipment, except drill bits								
33	For underground mining vehicles	333131 9321 2							
	For minorals anything aviading continuous apparating any problem			1 1					
34	For minerals crushing, grinding, sorting, separating, or washing machines (except portable; see line 8)	333131 9426 9							
35	For lifting, handling, loading, or unloading machinery for underground mines	333131 9531 6		1 1					
36	For boring or sinking machinery other than coal or rock cutters and tunneling machinery	333131 9636 3							
		333.3.33333							
37	For other mining machinery, nec	333131 9744 5							
	Portable drilling rigs and parts (above ground) (Corresponds to value of shipments reported on CIR Form MA333F, Mining Machinery and Equipment, for 2002, item codes 6500 and 6005 - 6495.)*								
38	Portable drilling rigs used on the surface	333132 7101 8							
39	Parts for portable drilling rigs used on the surface	333132 7210 7							
	Farm machinery and equipment (Corresponds to value of shipments reported on CIR Form MA333A, Farm Machinery and Lawn and Garden Equipment, for 2002.)*								
40	Haying machinery and attachments	333111 A100 0							
41	Harvesting machinery (except hay and straw) and attachments	333111 9100 2							
12	Parts for farm-type wheel tractors (except operator cabs), for sale separately	333111 C110 7							
13	Other parts for farm machinery (except for wheel tractors), for sale separately, including operator cabs:	333111 C220 4							
14	Diesel, semidiesel, and dual-fuel engines (except automobile, highway truck, bus, and tank) (Corresponds to value of shipments reported on CIR MA333L, Internal Combustion Engines, for 2002, item codes 9331 - 9353.)*	333618 3100 2							

CONTINUE WITH 29 ON PAGE 14

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Forn	n MC-33302				Page 14
22	DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued				
o.	Products and services	Comovia muadivat	Produ	cts shipped receipts	
Line No.	*Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	V	alue, f.o.b.	plant
造			\$ Bil.	Mil.	Thou.
	Bulk material handling belt conveyors and conveying systems and parts (excluding hoists)	0730	0731		
	_				l l
45	Belt conveyors and conveying systems	333922 7101 2			
46	Belt conveyor idlers	333922 9101 0			
47	Belt conveyor pulleys	333922 9106 9			
48	All other parts, attachments, and accessories, sold separately	333922 9211 7			
49	Personnel aerial work platforms, complete units, including boom and scissors type and truck-mounted (<i>Report parts on line 50</i> .) (Corresponds to the value of shipments reported on CIR Form MA333D, Construction Machinery, for 2002.)*	333923 7110 1			
50	Parts for aerial work platforms, automobile hoists, and other winches, sold separately	333923 7495 6			
51	Prime mover generator sets (excluding steam or hydraulic turbine) (Corresponds to value of shipments reported on CIR Form MA335H, Motors and Generators, for 2002, item codes 7402 - 7478.)*	335312 7100 6		1 1	
	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.				
52		18			
53		26			
54		34			
55		42			
56		59			
57		67			
58	Receipts for machine shop job work and job order repairs	332710 0100 1			
	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.)				
59		000930 0000 8			
	Miscellaneous receipts				
60	Receipts for repair work	000999 8061 7			
61	Other miscellaneous receipts (including receipts for installation fees, equipment rental and leasing, research and development, sale of scrap and refuse, etc.)	000999 8098 9			
		300000 0000 9			
62	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in © , line A2.)	000999 8900 6			
63	TOTAL (Should equal 4), line A)	770000 0000 8			



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-(<u> 27</u>	N	Ot A	Appi	cable	; .																							
ı	EST	АВ	LIS	НМЕ	NT A	ACT	IVIT	ΓIES	3																				
															This activity was performed -														
4		ndicate activities that were performed by this establishment or were performed for this establishment by another company during 2002. (Mark "X" ALL that apply.)								B [.] estab	y this lishn						anotł mpar												
		(IVI a	I K	<i>\(\)</i>	1LL L	IIal	аμ	лу.,	,													CO	mpan	ıy					
		1.	Pro	duct	desi	gn/e	eng	ine	erin	g.									0921			8071			0941			0961	
		2.	Orc	der f	ılfilln	nen	t																						
		i													items				0923			8072			0943			0963	
		I													ory a				0924			8073			0944			0964	
		(C.	War	ehou	sing	g of	fin	ishe	ed p	rod	ucts	s.						0925			8074			0945			0965	
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		9	g.	Prod	essir	ıg o	f re	tur	ned	me	rcha	andi	lise						0932	Ш		8078	Ш		0952	Ш		0972	Ш
ı	В.	Dur	ing	200	2 did	thi	s es	stak	olish	mer	nt:																		
															nent			d at	0936		Yes	6			0937		No		
	;														nent				0956		Yes	5			0957		No		
	;	3.	Ma this	nage s loc	inve	ento ? .	ry (owi	ned 	by a	anot	ther 	r coi	mpa 	any I	BUT	held	l at	0976		Yes	5			0977		No		
		4.	Ma sor	nage new	inve nere	ento oth	ry o er t	owi han	ned at	by a this	anot loca	ther atio	r coi n?.	mpa 	any /	AND	held		0994		Yes	8			0995		No		
	!	5.	Coi ma	ntrac teria	t wit Is ow	h ar /ned	noth d by	ner / th	firm is Ic	for cati	any on?	y of	f yo	ur p	orodu	uctio	n us 	ing 	8041		Yes	3			8042		No		
		1	for	prod	essir	ng tl	hat	we	re t	hen	retu	urne	ed to	to th	forei nis es	stabli	ishm	ty nent 	8044		Yes	6			8045		No		
	,	7.	Ma spe	nufa ecific	cture ation	pro s?	odu 	cts	for 	a go	over	rnm 	ent	to t	their				8047		Yes	8			8048		No		
		8.	Ma spe	nufa ecific	cture ation	pro s?	odu 	cts	for 	ano	thei	r bu 	ısine	ess 	to th	neir 			8016		Yes	3			8017		No		
	:	9.	Ma spe	nufa cific	cture ation	pro	odu 	cts	for 	a fir	nal r	reta 	ıil cu	usto	omer	to th	neir		8060		Yes	3			8062		No		

Form	MC	-33	302											Page 16				
29	OPE	RAT	IONAL STATUS															
	Activ (Mar	ity 1 k "X	that best describes th	is est	tablis	shment's status at t	he e	nd of 20	002									
	0011		In operation	0013		Temporarily or sea	ason	ally inad	ctive									
	0012		Under construction, development, or exploration	0014		Ceased operation				÷	0018	Month	Day	Year				
			exploration	0015		Sold or leased to a Give date at right and mailing addre	AND	enter r	rator - new nai	, me								
		006	Name of new owner o	or ope	rator			0061 Em	ployer lo	dentification	Numbe	r						
							Enter EIN of new owner (9 digits)											
		006	² Mailing address (num	her ar	nd str	eet P.O. Box etc.)												
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		006	3 City, town, village, etc							0064 State	0065 ZI	IP Code						
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Kem	emarks (Please use this space for any explanations that may be essential in understanding your reported data.)																	
30	CER	ΓIFIC	CATION - This report	is sul	bstar	tially accurate and	was	prepare	ed in ad	ccordance v	with the	e instru	ctions.					
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	_					•	F	ROM	Wonth	Year		то	Wonth	Year				
0078	⊔ Y	es	0079 No - Er	iter ti	me p	period covered—	·	0070				0071						
0072 N	Name (of pe	rson to contact regarding	ng this	s repo	ort	0073	Title										
			Area code		Num	ber Exte	ensio	n		Ar	ea code		Num	ber				
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PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.