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 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 "Cos of all other materials . . . ," Census material code 970099 8.

If the information as requested cannot be taken directly 04. Resales – Cost for products bought and sold or transferred from other establishments of your conditions and sold without further reconference or and sold without further reconference or reconstruction.

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

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

South and the materials is a material code of the plants of your company, or withdrawn from inventory.

South and the materials is a material consumed those you purchased for use by others making products for you under contract. Amounts paid to be producted in item 10, line e, and should include a material sconsumed those you purchased for use by others making products for you under contract. Amounts paid to be producted in item 10, line e, and should include a material sconsumed those you purchased for use by others making products for you under contract. Amounts paid to be producted in item 10, line e, and should include a material sconsumed those you purchased for use by others making products for you under contract. Amounts paid to be producted in item 10, line e, and should include a material sconsumed those you purchased for use by others making products for you under contract. Amounts paid to be producted in item 10, line e, and should include a material sconsumed those you purchased for use by others making products for you under contract. Amounts paid to be producted in item 10, line e, and should include a material sconsumed those you purchased for use by others making products for you under contract. Amounts paid to be producted in item 10, line e, and should include a material sconsumed those you purchased for use by others making products for you under contract. Amounts paid to be producted in item 10, line e, and should include a should be producted in item 10, line e, and should be producted in item 10, line e, and should be producted in item 10, line e, and should be producted in item 10, line e, and should be producted in item 10, line e, and should be producted in item 10, line e, and should be producted in item 10, line e, and should b

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."

 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	Census material code	Consumption of purchased materials and of materials received from other establishments of your company  Cost, including delivery cost (freight-in)  (E)  574  Millions   Sands   Dollars			
	FLUID POWER	Pumps, motors, and hydrostatic transmissions	359412 4	\$			
H	(Hydraulic and	rumps, motors, and mydrostatic transmissions	339412 4	<b>.</b>			
2	pneumatic)	Cylinders and rotary actuators	359301 9				
3	3	Filters	356921 7				
4	<u>.</u>	Hose or tube fittings and assemblies	349261 8				
Ę	5	Valves	349271 7				
6	FABRICATED METAL PRODUCTS	Bolts, nuts, screws, washers, rivets, and screw machine products	345001 2				
7	(Except	Metal stampings	346901 2				
8	3	Metal tanks, heat exchangers, steam condensers, and other boiler products, fabricated steel plate, and weldments	344301 7				
٤		Fabricated structural metal products	344001 3				
10		Other fabricated metal products	340089 2				
11	FORGINGS	Iron and steel	346200 9				
12	2	Nonferrous	346300 7				
13	CASTINGS (Rough and	Iron and steel	332001 7				
14	semifinished)	Aluminum and aluminum-base alloy	336005 4				
15	5	Other nonferrous	336003 9				

**CONTINUE WITH ITEM 17 ON PAGE 6** 

lt	Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 – Continued										
Line No.		Materials, parts, and supplies				Consumption of purchased materials and of materials received from other establishments of your company  Cost, including delivery cost (freight-in)					
Ë			(A)	( <b>B</b> )	Millions	Thou- sands	Dollars				
16	Shapes and Forms (Except	STEEL	Bars, bar shapes, and plates	331007 5	\$	 					
17	castings, forgings, and		Sheet and strip	331022 4		 					
18	fabricated metal products)		All other	331034 9		   					
19		Nonferrous		336002 1							
20	Pistons, piston rings, carburetors, valves (intake and exhaust only)					 					
21	Engine electrical equipment (spark plugs, magnetos, generators, starters, etc.)					   					
22	Integral horsepower electric motors and generators (1 hp and larger)					 					
23		Ball		356218 8		 					
24	unmounted) Roller					   					
25	Plain bearings and bushings					 					
26	Speed changers,	, gears, and indus	rial high-speed drives	356601 5		 					
27	Turbines purchas	sed for incorporation	on into turbine generator sets	351101 1		   					
28	Generators purch	hased for incorpor	ation into turbine generator sets	351102 9		   <del> </del>					
29	Gaskets, all type:	s, and asbestos p	acking	305300 6		 					
30	Fabricated plastic	cs products (excep	ot gaskets)	308006 6		   					
31	Rubber and plast	tics hose and belti	ng	305201 6		 					
32	Cutting tools for r	machine tools		354501 9							
33	supplies consur	med	omponents, parts, containers, and	970099 8		   					
	Describe the pri	ıncipal materials,	etc., included in this value.			 					
						l I					
34		TOTAL Sum of lines 1–33 should equal item 10, line a				 					

## **CONTINUE WITH ITEM 18A ON PAGE 7**

Census	File	Number	

Item 18A.	INSTRUCTIONS AND INQUIRY FOR COMPANIES ENGAGED IN INSTALLATION (OR ERECTION) OF
	PRODUCTS OF THEIR OWN MANUEACTURE

It is preferable that you report the value of shipments for individual products excluding the amounts received for installation and erection. The installation and erection receipts (if any) should be reported in item 18B on line 140. In order to evaluate the reporting for this item, please answer the following questions:

1a. Do the value of shipments figures for individual products include the

- b. If "Yes," please estimate the total amount received for installation or erection.

	Key		Mar	k (X) ann	) appropriate boxes				
	591	5512	iviai	κ ( <i>Λ) α</i> μμ	ropriate boxes				
	592	1 ☐ Ye	s 2 N	0 3	Don't know				
	593				\$500,000-\$999,999 \$1 million or more				
	594	1∐Ye	s 2 N	o 3	Don't know				
ı	595	1 □ Ye	s 2□N	o 3	Don't know				
5									

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

#### **INSTRUCTIONS**

 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."
- 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 the CIR 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.

		Products and services			services	Census	Products shipped and other receipts		
	No.		*Item co	orresponds to p Current Industi	roducts reported rial Reports	product code	Value, f.o.b. plant <b>(E)</b>		
	Line	(A)			( <b>B</b> )	584 Millions	Thou-	     Dollars	
	1	Turbine Generator Sets,	TURBINE GENERATOR SETS AND PARTS	Turbine generate separately in 35	or sets (report turbines shipped 11011–3511079 on lines 3–10. Report turbine bed separately in 3511091 on line 11.)	35110 05 5	\$		
	2	Turbine Generators,		Parts and acces	ssories (sold separately)	35110 09 7			
	3	and Parts (35110)	STEAM, GAS, HYDRAULIC,	Steam turbines	and other vapor turbines	35110 11 3		   	
	4		AND WIND TURBINES PARTS	Hydraulic turbin	es (all sizes)	35110 61 8		   	
	5			Gas turbines, e.	xcept aircraft (all sizes)	35110 75 8			
	6			Wind turbines		35110 79 0		<u> </u> 	
	7			Parts and accessories (sold	For steam and other vapor turbines	35110 72 5		   	
	8			separately)	For hydraulic turbines	35110 71 7		 	
	9				For gas turbines (except aircraft)	35110 81 6		<u> </u> 	
1	10				For wind turbines	35110 83 2		<u> </u> 	
1	11		TURBINE GENERATORS AND PARTS	Turbine genera	tors	35110 91 5			
1	12			Parts and acces	ssories (sold separately)	35110 95 6			

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued											
No.		*Item	Products and services corresponds to products reported on Current Industrial Reports	Census	Produc and oth Value,	er rece f.o.b. pl	ipts				
Line N			(A)	code 581	584 Millions	Thou-	l Dollars				
12	outboard marine	e)(corresponds to	nes (except aircraft, automobile, highway truck, bus, tank, and of the sum of the item codes 9101–9207 as reported on CIR on Engines, for 1997) (35191)*	35191 00 6	\$						
	Diesel, semidies tank)(correspon	sel, and dual-fue	I engines (except automobile, highway truck, bus, and item codes 9331–9353 as reported on CIR Form MA35L,	35193 00 2	Ψ	     					
	Diesel, semidies (corresponds to Combustion En	sel, and dual-fue the sum of item	I engines for automobiles, highway trucks, and buses codes 9410–9425 as reported on CIR Form MA35L, Internal	35193 00 2		     					
	Outboard motor	<u> </u>	`	35194 00 0		   					
	Piston-type natu	ural gas engines the sum of item	(including LPG engines; excluding gas turbines) codes 9611–9612 as reported on CIR Form MA35L, Internal	35196 00 5		     					
	TANK (Except gas turbine)	91100, 101 1007)	(00.100)	00100 00 0		 					
18	ÅND CONVERTED INTERNAL	Tank engines (	except gas turbines)	35197 21 9		 					
19	COMBUS- TION ENGINES (35197)	Converted engi company or rec to marine or oth	nes (basic engines, short blocks purchased from another seived from other plants of the same company and converted	35197 51 6		 					
	Parts and Accessories	Connecting rod	,	35197 31 0		 					
21	for Internal Combustion Engines	Crankshafts, er		35199 08 2		1					
22	(Except aircraft and gasoline	Camshafts, eng	jine	35199 09 0							
23	automotive engines and gas	Flywheels		35199 21 5		 					
24	turbines) (35199)	ENGINE BEARINGS (Halves)	Main (crankshaft)	35199 24 9		 					
25	(Report parts for gasoline		Connecting rod	35199 25 6		 					
26	automotive engines on lines 42-63)	ENGINE	Other (camshaft, balance shaft, etc.)	35199 33 0		1					
27		PUMPS, NEW	Oil	35199 27 2			-				
28			Fuel	35199 31 4		 					
29			Water	35199 32 2		 					
30		Engine blocks		35199 35 5							
31		Cylinder liners (	sleeves)	35199 39 7		<u> </u>	<u> </u>				
32		Cylinder heads		35199 49 6		<u> </u> 	!				
33			s and exhaust manifolds	35199 63 7							
34			eats, and tappets	35199 67 8		 					
35 36		Rocker arms ar	od parts ystems (multipoint)	35199 71 0 35199 75 1							
37		,	35199 75 1		   						
38											
39			(including turbochargers)	35199 87 6 35199 91 8		 					
			accessories – Specify kind								
40				35199 99 1		 					
			CONTINUE WITH ITEM 18B ON PAGE 9								

Census File Number

# Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 - Continued

				Census	Products and other	s shipp er rece	ed ipts
No.			Products and services	product code	Value, f	o.b. pl <b>E)</b>	ant
Line No			(A)	( <b>B</b> )	584 Millions	Thou-	l Dollars
41	Gasoline Engines and	Gasoline engines	s, new (with or without cylinder heads, fuel pumps, water r standard accessories)	37142 01 5	\$		
42	Gasoline Engine Parts	Intake manifolds		37142 06 4	<u> </u>		
43	Vehicles, New	Exhaust manifold	ds	37142 07 2			
44	(37142)	Crankshafts, eng	ine	37142 08 0			
45	; ;	Camshafts, engir	ne	37142 09 8			
46	5	Rocker arms and	parts	37142 15 5			
47	,	Valve guides, se	ats, and tappets	37142 16 3			
48	<b>B</b>	Fuel injection sys	stems	37142 18 9			
49		Flywheels and fle	explates	37142 17 1		 	
50			rockets, and chains	37142 22 1			
51		ENGINE BEARINGS (Halves)	Main	37142 24 7			
52	2	(**************************************	Connecting rod	37142 25 4			
53	<u> </u>  -	OII DUMBO	Other (balance shaft, camshaft, etc.)	37142 26 2			
54	<u> </u>	OIL PUMPS, NEW	Engine	37142 27 0		 	
55	<u> </u>		Power steering	37142 28 8		 	
56	5	Fuel pump asser	nblies (excluding kits)	37142 31 2			
57	, -	Water pump asso	emblies (excluding kits)	37142 32 0		 	
58	<u> </u>	Engine cooling fa	ans (including hubs and clutches)	37142 34 6			
59		Radiators, comp	ete	37142 35 3			
60		Radiator shells a	nd cores	37142 36 1		 	
61		Thermostats (en	gine cooling systems)	37142 37 9		 	
62	2	PCV (positive cra	ankcase ventilation) valves	37142 41 1		· 	
63	Carburetors,	All other parts ar	nd accessories for gasoline automotive engines  For motor vehicle engines (passenger car, truck, and	37142 49 4		 	
64	All Types (35921)		bus)	35921 01 4		 	
6	5	All other carburetors  Rebuilt carburetors, all types		35921 02 2		 	
66	6			35921 03 0		 	
67	PISTONS, ALL	Parts for carbure	tors (excluding gaskets and screw machine products)	35921 05 5		 	
68	TYPES (Machined) (Do not report rough	For motor vehicle	e engines (passenger car, truck, and bus)	35922 01 2		 	
69	castings)	All other pistons		35922 02 0			

## **CONTINUE WITH ITEM 18B ON PAGE 10**

0.			Products and services	Census product	Products shipped and other receipts  Value, f.o.b. plant			
Line No.		(A)		code 581 (B)	584 Thou-Millions sands		   Dollars	
70	Piston Rings, All Types, and Piston	d Piston bus)		35922 03 8	\$			
71	Pins		All other oil type piston rings	35922 04 6		1		
72		COMPRES- SION TYPE	For motor vehicle engines (passenger car, truck, and bus)	35922 05 3		1		
73			All other compression type piston rings	35922 06 1		 		
74		Piston pins		35922 09 5		1		
75	VALVES (Intake and exhaust only) (35923)	For motor vehicle engines (passenger car, truck, and bus)				 		
76		All other valves		35923 02 8		i		
77	Ignition Harness and Cable	IGNITION HARNESS SETS	Automotive type	36941 01 1				
78	Sets (36941)	0210	Other (including tractor, stationary engine, and aircraft)	36941 02 9		   		
79		CABLE SETS	Automotive type	36941 03 7		   	 	
80			Aircraft and other types	36941 04 5		 		
81	Battery Charging	BATTERY CHARGING	Automotive type, new	36942 01 9				
82	Alternators, Generators, and	ALTERNATORS AND GENERATORS	Other types, new	36942 02 7		   		
83	Regulators (36942) FOR INTERNAL COMBUSTION ENGINES		Rebuilt, all types	36942 03 5		     	 	
84		Regulators for ba	attery charging alternators and generators (new and rebuilt)	36942 04 3		 		
85	STARTING (ENGINE CRANKING)	Automotive types	s, new	36943 01 7				
86	MOTORS (36943)	Other types, new	1	36943 02 5		   		
87		Rebuilt, all types		36943 03 3		 		
88	Spark plugs (all t	ypes) <b>(36944)</b>		36944 00 7		i I	İ	
89	OTHER COMPLETE ELECTRICAL	Ignition coils (all	types)	36947 01 8		 		
90	AND ELECTRONIC	Distributors (all ty	ypes)	36947 02 6		 		
91	EQUIPMENT FOR INTERNAL	Magnetos, magn	eto-dynamos, and magnetic flywheels	36947 04 2		i 1 1		
92	COMBUSTION ENGINES (36947)	Other complete i	gnition equipment (including electronic ignitions)	36947 05 9		1		
93	(30347)	microprocessors		36947 11 7				
94		combustion engi	electrical and/or electronic equipment for internal nes, except computers and microprocessors (including control equipment)	36947 19 0		 		
95	Parts for Engine	Armatures, field	coils, and drive-end housings for cranking motors	36949 01 4				
96	Electrical and/or Electronic	Armatures and fi	eld coils for alternators and generators	36949 07 1		   		
97	Equipment (36949)	PARTS FOR IGNITION DISTRIBUTORS	Distributor heads and rotors	36949 11 3		   		
98		DIGINIDOTORS	Breaker point sets	36949 12 1		 		
99			Condensers (capacitors)	36949 13 9		 		
		Other parts for el	ngine electrical and/or electronic equipment – Specify kind					
100				36949 19 6		 		

Census File Number

# Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 - Continued

			Products and services	Census	Products shipped and other receipts		
e No.			rresponds to products reported Current Industrial Reports	product code	Value, f	.o.b. pl <b>(E)</b>	ant
Line			(A)	(B)		Thou- sands	
101	Filters for Internal	OIL	Light duty (car and light truck)	37144 01 1	\$	   	
102	Combustion Engines, New		Heavy duty	37144 02 9		   	
103	(37144)	FUEL	Light duty (car and light truck)	37144 04 5			
104			Heavy duty	37144 05 2		[	
105		AIR	Light duty (car and light truck)	37144 07 8		   	
106			Heavy duty	37144 08 6		 	
107		Other (including	coolant and hydraulic)	37144 09 4		[	
108	Drive Train Components, New (Except wheels and brakes)	TRANS- MISSIONS (Except auxiliary and parts)	Heavy truck and bus type:  Manual	37146 13 1		       	
109	(37146)	(Report trans-	Automatic	37146 15 6		[ [	
110		112.)	Parts for manual transmissions	37146 23 0		 	
111			Parts for automatic transmissions	37146 25 5		 	
112		Transaxles	37146 28 9		l I		
113	measuring and d unit)(corresponds	ispensing pumps; s to the sum of sur	fluid power pumps, automotive circulating pumps, and including value of the driver if shipped as a complete vey item codes 1098–1298 on CIR Form MA35P, apressors, for 1997) (35612)*	35612 00 1		         	
114	and air and gas o	compressors) (corr	nd pumping equipment (except for hydraulic fluid power, esponds to the sum of survey item codes 1911–1995 on Hydraulic, and Compressors, for 1997) (35616)*	35619 00 6		 	 
115	ment, air-condition	oning equipment, a omplete unit)(corre	ompressors for ice making equipment, refrigeration equipment pneumatic air motors; including the value of the driver sponds to the sum of survey item codes 3298–3388 on Hydraulic, and Compressors, for 1997) (35633)*	35633 00 7		       	 
116	Form MA35P, Pu	umps, Except Hyd	gas compressors (corresponds to item code 3900 on CIR raulic, and Compressors, for 1997) (except for onditioning equipment) (35632)*	35632 00 9		     	 
117	Prime mover ger item codes 7401 (36214)*	nerator sets (excep –7475 as reported	ot steam or hydraulic turbine)(corresponds to the sum of on CIR Form MA36H, Motors and Generators, for 1997)	36214 00 5		 	
118	Parts and supplic sum of item code Generators, for 1	es 8590, 8591, and 1997) <b>(36219)*</b> -	erators, and motor-generator sets (corresponds to the d 8595 as reported on CIR Form MA36H, Motors and	36219 00 4		     	
119	AIRCRAFT ENGINES	Military engines military specifica	(for U.S. military aircraft and any other aircraft built to tions) (37241)	37241 00 7		 	
120		For civilian aircraft (corresponds to the sum of item codes 4201–4214 on CIR Form MA37G, Complete Aircraft and Aircraft Engines, for 1997)  (37242)*				     	
121	Aircraft Engine	MILITARY	For spark ignition reciprocating or rotary internal combustion engines	37244 01 9		 	
122	Parts and Acces- sories		For other engines	37244 02 7		   	
123	(37244)	CIVILIAN	For spark ignition reciprocating or rotary internal combustion engines	37244 05 0		   	
124			For other engines	37244 06 8		 	

lte	Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued											
No.		Products and services	Census product code	Product and othe Value, f.	er rece	ipts						
Line No.			581	584	Thou-							
	ALL OTHER	(A)	(B)	Millions	sands	Dollars						
	PRODUCTS MADE IN THIS ESTABLISH- MENT	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.			 	 						
125			18	\$	 	 						
			26	Ψ	   	<u> </u>						
126			34									
127			42		<u> </u> 							
128			59		    							
129			67		 							
130			75		 							
131			-		 							
132			83		   <del> </del>							
133			91		 							
134	CONTRACT WORK	Receipts for work done for others on their own materials	93000 00 8		 							
						l						
135	MISCELLA- NEOUS RECEIPTS	Sales of scrap and refuse	99980 13 8		   							
136	THEOLII TO	Receipts for installation or construction	99980 31 0		   							
137		Receipts for maintenance contracts	99980 35 1		 							
138		Receipts for research and developmental work	99980 41 9		   							
139		Receipts for repair work	99980 61 7		 							
140		Other miscellaneous receipts	99980 98 9		 							
141	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		     							
142	TOTAL va Sum of lin	es 1–141, column (E)	77000 00 8	\$	 							

# **CONTINUE WITH ITEM 19 ON PAGE 13**

Census File Number

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

#### **INSTRUCTIONS**

- 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.		ltem	Census code	establis during	ed at this hment 1997?	Unit of measure for quantities	Quantiti produce in this establishin and used manufactu other prod made in testablishin	ed nent d in uring ducts this
		(A)	591 <b>(B)</b>	Yes	No	(D)	593 <b>(E)</b>	
1	Ferrous foundrie	es	1001 7	1	2	Short tons		
2	NONFERROUS FOUNDRIES	Aluminum	1002 5	1	2	<b>1</b>		
3	(Except die-casting)	Copper	1003 3	1	2			
4		Zinc	1004 1	1	2	Thousand pounds		
5		Other	1005 8	1	2			
6	Nonferrous die-	casting foundries	1006 6	1	2	<b>\</b>		
7	Precision turned centers, and CN	I products (on screw machines, turning C equipment)	1007 4	1	2			
lt	ems 20 and 2	<b>1 –</b> Not applicable to this report						

<b>REMARKS</b> – 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 (Print or type)						Area code Number				Extension	
667 1				Tele	phone	2					
Name of company Ad				Address (	ddress (Number and street, city, State, ZIP Code)						
	FROM: Month	Day	Year	T	O: Mo	nth		Day		Year	
Period covered	666 1	1	 	2				1			
Signature of authorized person Title			le						Date		